

|                                                                 |                                                                |
|-----------------------------------------------------------------|----------------------------------------------------------------|
| 1PK0304140000000000~{ÓV0F i04x00000x0000,000000Device 1, port 1 | 1PK0304140000000000B ÓV}v/æ Ú0000 Ú0000,000000Device 1, port 1 |
| 2Customer Use (0x6) - (0x76543210000000022)                     | 2Customer Use (0x6) - (0x208)                                  |
| 3Customer Use                                                   | 3Customer Use                                                  |
| 4Customer Use Word 1 0x22 (0x22)                                | 4Customer Use Word 1 0x208 (0x208)                             |
| 5Customer Use Word 2 0x76543210 (0x76543210)                    | 5Customer Use Word 2 0x0 (0x0)                                 |
| 6                                                               | 6                                                              |
| 7Interrupt Mask for I2C1 (0x16) - (0x30000000000000fb0e008)     | 7Interrupt Mask for I2C1 (0x16) - (0x2000008)                  |
| 8Interrupt Mask for I2C1                                        | 8Interrupt Mask for I2C1                                       |
| 9Port Interrupt Mask for I2C1                                   | 9Port Interrupt Mask for I2C1                                  |
| 10Soft Reset False (0x0)                                        | 10Soft Reset False (0x0)                                       |
| 11Hard Reset False (0x0)                                        | 11Hard Reset False (0x0)                                       |
| 12Cable Reset Event False (0x0)                                 | 12Cable Reset Event False (0x0)                                |
| 13Plug Insert or Removal True (0x1)                             | 13Plug Insert or Removal True (0x1)                            |
| 14PR Swap Complete False (0x0)                                  | 14PR Swap Complete False (0x0)                                 |
| 15DR Swap Complete False (0x0)                                  | 15DR Swap Complete False (0x0)                                 |
| 16FR Swap Complete False (0x0)                                  | 16FR Swap Complete False (0x0)                                 |
| 17RDO Received from Sink False (0x0)                            | 17RDO Received from Sink False (0x0)                           |
| 18Built-In Self Test False (0x0)                                | 18Built-In Self Test False (0x0)                               |
| 19Overcurrent Event False (0x0)                                 | 19Overcurrent Event False (0x0)                                |
| 20Attention Received False (0x0)                                | 20Attention Received False (0x0)                               |
| 21Vendor-Defined Message Received False (0x0)                   | 21Vendor-Defined Message Received False (0x0)                  |
| 22New Contract as Consumer False (0x0)                          | 22New Contract as Consumer False (0x0)                         |
| 23New Contract as Provider True (0x1)                           | 23New Contract as Provider False (0x0)                         |
| 24Source Capabilities Message Ready True (0x1)                  | 24Source Capabilities Message Ready False (0x0)                |
| 25Sink Capabilities Message Ready True (0x1)                    | 25Sink Capabilities Message Ready False (0x0)                  |
| 26Low Voltage Warning False (0x0)                               | 26Low Voltage Warning False (0x0)                              |
| 27PR Swap Requested False (0x0)                                 | 27PR Swap Requested False (0x0)                                |
| 28DR Swap Requested False (0x0)                                 | 28DR Swap Requested False (0x0)                                |
| 29Goto Min Received False (0x0)                                 | 29Goto Min Received False (0x0)                                |
| 30USB Host Present True (0x1)                                   | 30USB Host Present False (0x0)                                 |
| 31USB Host Present no longer True (0x1)                         | 31USB Host Present no longer False (0x0)                       |
| 32High Voltage Warning False (0x0)                              | 32High Voltage Warning False (0x0)                             |
| 33PP Switch Changed True (0x1)                                  | 33PP Switch Changed False (0x0)                                |
| 34Power Status Update True (0x1)                                | 34Power Status Update False (0x0)                              |
| 35Data Status Update True (0x1)                                 | 35Data Status Update True (0x1)                                |
| 36Status Update True (0x1)                                      | 36Status Update False (0x0)                                    |
| 37PD Status Update True (0x1)                                   | 37PD Status Update False (0x0)                                 |
| 38VCONN Swap Complete False (0x0)                               | 38VCONN Swap Complete False (0x0)                              |
| 39VCONN Swap Requested False (0x0)                              | 39VCONN Swap Requested False (0x0)                             |
| 40CMD1 Complete False (0x0)                                     | 40CMD1 Complete False (0x0)                                    |
| 41CMD2 Complete False (0x0)                                     | 41CMD2 Complete False (0x0)                                    |
| 42Error: Device Incompatible False (0x0)                        | 42Error: Device Incompatible False (0x0)                       |
| 43Error: Cannot Provide Voltage or Current False (0x0)          | 43Error: Cannot Provide Voltage or Current False (0x0)         |
| 44Error: Can Provide Voltage or Current Later False (0x0)       | 44Error: Can Provide Voltage or Current Later False (0x0)      |
| 45Error: Power Event Occurred False (0x0)                       | 45Error: Power Event Occurred False (0x0)                      |
| 46Error: Missing Get Capabilities Message False (0x0)           | 46Error: Missing Get Capabilities Message False (0x0)          |
| 47Error: Protocol Error False (0x0)                             | 47Error: Protocol Error False (0x0)                            |
| 48Error: Message Data False (0x0)                               | 48Error: Message Data False (0x0)                              |
| 49Error: Discharge Failed False (0x0)                           | 49Error: Discharge Failed False (0x0)                          |
| 50Sink Transition Complete False (0x0)                          | 50Sink Transition Complete False (0x0)                         |

|     |                                                              |             |     |                                              |             |
|-----|--------------------------------------------------------------|-------------|-----|----------------------------------------------|-------------|
| 51  | Error: Unable to Source                                      | False (0x0) | 51  | Error: Unable to Source                      | False (0x0) |
| 52  | Error: BIST Message Ignored                                  | False (0x0) | 52  | Error: BIST Message Ignored                  | False (0x0) |
| 53  | AM Entry Failure                                             | False (0x0) | 53  | AM Entry Failure                             | False (0x0) |
| 54  | AM Entered                                                   | False (0x0) | 54  | AM Entered                                   | False (0x0) |
| 55  | Vendor Defined Message Sent                                  | False (0x0) | 55  | Vendor Defined Message Sent                  | False (0x0) |
| 56  | Discover Mode Complete                                       | False (0x0) | 56  | Discover Mode Complete                       | False (0x0) |
| 57  | Exit Mode Complete                                           | False (0x0) | 57  | Exit Mode Complete                           | False (0x0) |
| 58  | User SVID Mode Entered                                       | False (0x0) | 58  | User SVID Mode Entered                       | False (0x0) |
| 59  | User SVID Mode Exited                                        | False (0x0) | 59  | User SVID Mode Exited                        | False (0x0) |
| 60  | User SVID Attention VDM Received                             | False (0x0) | 60  | User SVID Attention VDM Received             | False (0x0) |
| 61  | User SVID Other VDM Received                                 | False (0x0) | 61  | User SVID Other VDM Received                 | False (0x0) |
| 62  | DP SID Status Update                                         | False (0x0) | 62  | DP SID Status Update                         | False (0x0) |
| 63  | Intel VID Status Update                                      | False (0x0) | 63  | Intel VID Status Update                      | False (0x0) |
| 64  | PD3 Status Update                                            | False (0x0) | 64  | PD3 Status Update                            | False (0x0) |
| 65  | TX Mem Buffer Empty                                          | False (0x0) | 65  | TX Mem Buffer Empty                          | False (0x0) |
| 66  | RX Mem Buffer Full                                           | False (0x0) | 66  | RX Mem Buffer Full                           | False (0x0) |
| 67  | Custom VDM Arrive                                            | False (0x0) | 67  | Custom VDM Arrive                            | False (0x0) |
| 68  | Custom AM Entered                                            | False (0x0) | 68  | Custom AM Entered                            | False (0x0) |
| 69  | Custom VDM Message Sent                                      | False (0x0) | 69  | Custom VDM Message Sent                      | False (0x0) |
| 70  | SOC ACK Timeout                                              | False (0x0) | 70  | SOC ACK Timeout                              | False (0x0) |
| 71  | FRS Signal Received                                          | False (0x0) | 71  | FRS Signal Received                          | False (0x0) |
| 72  | Chunk Response Received                                      | False (0x0) | 72  | Chunk Response Received                      | False (0x0) |
| 73  | Chunk Request Received                                       | False (0x0) | 73  | Chunk Request Received                       | False (0x0) |
| 74  | Alert Message Received                                       | False (0x0) | 74  | Alert Message Received                       | False (0x0) |
| 75  | Common Interrupt Mask for I2C1                               |             | 75  | Common Interrupt Mask for I2C1               |             |
| 76  | Patch Loaded                                                 | True (0x1)  | 76  | Patch Loaded                                 | False (0x0) |
| 77  | Ready for Patch                                              | True (0x1)  | 77  | Ready for Patch                              | False (0x0) |
| 78  |                                                              |             | 78  |                                              |             |
| 79  | Interrupt Mask for I2C2 (0x17) - (0x30000000000000002000008) |             | 79  | Interrupt Mask for I2C2 (0x17) - (0x2000008) |             |
| 80  | Interrupt Event for I2C2                                     |             | 80  | Interrupt Event for I2C2                     |             |
| 81  | Interrupt Event for I2C2                                     |             | 81  | Interrupt Event for I2C2                     |             |
| 82  | Soft Reset                                                   | False (0x0) | 82  | Soft Reset                                   | False (0x0) |
| 83  | Hard Reset                                                   | False (0x0) | 83  | Hard Reset                                   | False (0x0) |
| 84  | Cable Reset Event                                            | False (0x0) | 84  | Cable Reset Event                            | False (0x0) |
| 85  | Plug Insert or Removal                                       | True (0x1)  | 85  | Plug Insert or Removal                       | True (0x1)  |
| 86  | PR Swap Complete                                             | False (0x0) | 86  | PR Swap Complete                             | False (0x0) |
| 87  | DR Swap Complete                                             | False (0x0) | 87  | DR Swap Complete                             | False (0x0) |
| 88  | FR Swap Complete                                             | False (0x0) | 88  | FR Swap Complete                             | False (0x0) |
| 89  | RDO Received from Sink                                       | False (0x0) | 89  | RDO Received from Sink                       | False (0x0) |
| 90  | Built-In Self Test                                           | False (0x0) | 90  | Built-In Self Test                           | False (0x0) |
| 91  | Overcurrent Event                                            | False (0x0) | 91  | Overcurrent Event                            | False (0x0) |
| 92  | Attention Received                                           | False (0x0) | 92  | Attention Received                           | False (0x0) |
| 93  | Vendor-Defined Message Received                              | False (0x0) | 93  | Vendor-Defined Message Received              | False (0x0) |
| 94  | New Contract as Consumer                                     | False (0x0) | 94  | New Contract as Consumer                     | False (0x0) |
| 95  | New Contract as Provider                                     | False (0x0) | 95  | New Contract as Provider                     | False (0x0) |
| 96  | Source Capabilities Message Ready                            | False (0x0) | 96  | Source Capabilities Message Ready            | False (0x0) |
| 97  | Sink Capabilities Message Ready                              | False (0x0) | 97  | Sink Capabilities Message Ready              | False (0x0) |
| 98  | Low Voltage Warning                                          | False (0x0) | 98  | Low Voltage Warning                          | False (0x0) |
| 99  | PR Swap Requested                                            | False (0x0) | 99  | PR Swap Requested                            | False (0x0) |
| 100 | DR Swap Requested                                            | False (0x0) | 100 | DR Swap Requested                            | False (0x0) |

|     |                                             |             |
|-----|---------------------------------------------|-------------|
| 101 | Goto Min Received                           | False (0x0) |
| 102 | USB Host Present                            | False (0x0) |
| 103 | USB Host Present no longer                  | False (0x0) |
| 104 | High Voltage Warning                        | False (0x0) |
| 105 | PP Switch Changed                           | False (0x0) |
| 106 | Power Status Update                         | False (0x0) |
| 107 | Data Status Update                          | True (0x1)  |
| 108 | Status Update                               | False (0x0) |
| 109 | PD Status Update                            | False (0x0) |
| 110 | VCONN Swap Complete                         | False (0x0) |
| 111 | VCONN Swap Requested                        | False (0x0) |
| 112 | CMD1 Complete                               | False (0x0) |
| 113 | CMD2 Complete                               | False (0x0) |
| 114 | Error: Device Incompatible                  | False (0x0) |
| 115 | Error: Cannot Provide Voltage or Current    | False (0x0) |
| 116 | Error: Can Provide Voltage or Current Later | False (0x0) |
| 117 | Error: Power Event Occurred                 | False (0x0) |
| 118 | Error: Missing Get Capabilities Message     | False (0x0) |
| 119 | Error: Protocol Error                       | False (0x0) |
| 120 | Error: Message Data                         | False (0x0) |
| 121 | Error: Discharge Failed                     | False (0x0) |
| 122 | Sink Transition Complete                    | False (0x0) |
| 123 | Error: Unable to Source                     | False (0x0) |
| 124 | Error: BIST Message Ignored                 | False (0x0) |
| 125 | AM Entry Failure                            | False (0x0) |
| 126 | AM Entered                                  | False (0x0) |
| 127 | Vendor Defined Message Sent                 | False (0x0) |
| 128 | Discover Mode Complete                      | False (0x0) |
| 129 | Exit Mode Complete                          | False (0x0) |
| 130 | User SVID Mode Entered                      | False (0x0) |
| 131 | User SVID Mode Exited                       | False (0x0) |
| 132 | User SVID Attention VDM Received            | False (0x0) |
| 133 | User SVID Other VDM Received                | False (0x0) |
| 134 | DP SID Status Update                        | False (0x0) |
| 135 | Intel VID Status Update                     | False (0x0) |
| 136 | PD3 Status Update                           | False (0x0) |
| 137 | TX Mem Buffer Empty                         | False (0x0) |
| 138 | RX Mem Buffer Full                          | False (0x0) |
| 139 | Custom VDM Arrive                           | False (0x0) |
| 140 | Custom AM Entered                           | False (0x0) |
| 141 | Custom VDM Message Sent                     | False (0x0) |
| 142 | SOC ACK Timeout                             | False (0x0) |
| 143 | FRS Signal Received                         | False (0x0) |
| 144 | Chunk Response Received                     | False (0x0) |
| 145 | Chunk Request Received                      | False (0x0) |
| 146 | Alert Message Received                      | False (0x0) |
| 147 | Common Interrupt Mask for I2C1              |             |
| 148 | Patch Loaded                                | True (0x1)  |
| 149 | Ready for Patch                             | True (0x1)  |
| 150 |                                             |             |

|     |                                             |             |
|-----|---------------------------------------------|-------------|
| 101 | Goto Min Received                           | False (0x0) |
| 102 | USB Host Present                            | False (0x0) |
| 103 | USB Host Present no longer                  | False (0x0) |
| 104 | High Voltage Warning                        | False (0x0) |
| 105 | PP Switch Changed                           | False (0x0) |
| 106 | Power Status Update                         | False (0x0) |
| 107 | Data Status Update                          | True (0x1)  |
| 108 | Status Update                               | False (0x0) |
| 109 | PD Status Update                            | False (0x0) |
| 110 | VCONN Swap Complete                         | False (0x0) |
| 111 | VCONN Swap Requested                        | False (0x0) |
| 112 | CMD1 Complete                               | False (0x0) |
| 113 | CMD2 Complete                               | False (0x0) |
| 114 | Error: Device Incompatible                  | False (0x0) |
| 115 | Error: Cannot Provide Voltage or Current    | False (0x0) |
| 116 | Error: Can Provide Voltage or Current Later | False (0x0) |
| 117 | Error: Power Event Occurred                 | False (0x0) |
| 118 | Error: Missing Get Capabilities Message     | False (0x0) |
| 119 | Error: Protocol Error                       | False (0x0) |
| 120 | Error: Message Data                         | False (0x0) |
| 121 | Error: Discharge Failed                     | False (0x0) |
| 122 | Sink Transition Complete                    | False (0x0) |
| 123 | Error: Unable to Source                     | False (0x0) |
| 124 | Error: BIST Message Ignored                 | False (0x0) |
| 125 | AM Entry Failure                            | False (0x0) |
| 126 | AM Entered                                  | False (0x0) |
| 127 | Vendor Defined Message Sent                 | False (0x0) |
| 128 | Discover Mode Complete                      | False (0x0) |
| 129 | Exit Mode Complete                          | False (0x0) |
| 130 | User SVID Mode Entered                      | False (0x0) |
| 131 | User SVID Mode Exited                       | False (0x0) |
| 132 | User SVID Attention VDM Received            | False (0x0) |
| 133 | User SVID Other VDM Received                | False (0x0) |
| 134 | DP SID Status Update                        | False (0x0) |
| 135 | Intel VID Status Update                     | False (0x0) |
| 136 | PD3 Status Update                           | False (0x0) |
| 137 | TX Mem Buffer Empty                         | False (0x0) |
| 138 | RX Mem Buffer Full                          | False (0x0) |
| 139 | Custom VDM Arrive                           | False (0x0) |
| 140 | Custom AM Entered                           | False (0x0) |
| 141 | Custom VDM Message Sent                     | False (0x0) |
| 142 | SOC ACK Timeout                             | False (0x0) |
| 143 | FRS Signal Received                         | False (0x0) |
| 144 | Chunk Response Received                     | False (0x0) |
| 145 | Chunk Request Received                      | False (0x0) |
| 146 | Alert Message Received                      | False (0x0) |
| 147 | Common Interrupt Mask for I2C1              |             |
| 148 | Patch Loaded                                | False (0x0) |
| 149 | Ready for Patch                             | False (0x0) |
| 150 |                                             |             |

|     |                                                                        |                                  |     |                                                                        |                                  |
|-----|------------------------------------------------------------------------|----------------------------------|-----|------------------------------------------------------------------------|----------------------------------|
| 151 | Global System Configuration (0x27) - (0x7800000014140a000012000900005) |                                  | 151 | Global System Configuration (0x27) - (0x78000000141400900000000090001) |                                  |
| 152 | Global System Configuration                                            |                                  | 152 | Global System Configuration                                            |                                  |
| 153 | PP Cable 1 Switch Config                                               | PP Cable Switch as Output,       | 153 | PP Cable 1 Switch Config                                               | PP Cable Switch as Output,       |
| 154 | PP Cable 2 Switch Config                                               | PP Cable Switch as Output,       | 154 | PP Cable 2 Switch Config                                               | PP Cable Switch Not Used (0x0)   |
| 155 | PP 1 Switch Config                                                     | PP Switch as Source Only (0x0)   | 155 | PP 1 Switch Config                                                     | PP Switch as Source Only (0x0)   |
| 156 | PP 2 Switch Config                                                     | PP Switch as Source Only (0x0)   | 156 | PP 2 Switch Config                                                     | PP Switch as Source Only (0x0)   |
| 157 | PP 3 Switch Config                                                     | PP Switch as Sink Only (0x0)     | 157 | PP 3 Switch Config                                                     | PP Switch Disabled (0x0)         |
| 158 | PP 4 Switch Config                                                     | PP Switch as Sink Only (0x0)     | 158 | PP 4 Switch Config                                                     | PP Switch Disabled (0x0)         |
| 159 | 87 Emulation Mode                                                      | False (0x0)                      | 159 | Power Duo Mode                                                         | True (0x1)                       |
| 160 |                                                                        |                                  | 160 | 87 Emulation Mode                                                      | True (0x1)                       |
| 160 | PP1 Switch to VBUS Map                                                 | VBUS 1 (0x0)                     | 161 | PP1 Switch to VBUS Map                                                 | VBUS 1 (0x0)                     |
| 161 | PP2 Switch to VBUS Map                                                 | VBUS 2 (0x1)                     | 162 | PP2 Switch to VBUS Map                                                 | VBUS 1 (0x0)                     |
| 162 | PP3 Switch to VBUS Map                                                 | VBUS 1 (0x0)                     | 163 | PP3 Switch to VBUS Map                                                 | VBUS 1 (0x0)                     |
| 163 | PP4 Switch to VBUS Map                                                 | VBUS 2 (0x1)                     | 164 | PP4 Switch to VBUS Map                                                 | VBUS 1 (0x0)                     |
| 164 | Reserved                                                               | Reserved, set 0 (0x0)            | 165 | Reserved                                                               | Reserved, set 0 (0x0)            |
| 165 | PP Switch 1 Overcurrent Timeout                                        | 640 uS (0x4)                     | 166 | PP Switch 1 Overcurrent Timeout                                        | 640 uS (0x4)                     |
| 166 | PP Switch 1 Overcurrent Timeout Enable                                 | Enabled (0x1)                    | 167 | PP Switch 1 Overcurrent Timeout Enable                                 | Enabled (0x1)                    |
| 167 | PP Switch 2 Overcurrent Timeout                                        | 640 uS (0x4)                     | 168 | PP Switch 2 Overcurrent Timeout                                        | 640 uS (0x4)                     |
| 168 | PP Switch 2 Overcurrent Timeout Enable                                 | Enabled (0x1)                    | 169 | PP Switch 2 Overcurrent Timeout Enable                                 | Enabled (0x1)                    |
| 169 | I2C1 Enable as Master                                                  | False (0x0)                      | 170 | I2C1 Enable as Master                                                  | False (0x0)                      |
| 170 | I2C3 Enable as Master                                                  | False (0x0)                      | 171 | I2C3 Enable as Master                                                  | False (0x0)                      |
| 171 | I2C4 Enable as Master                                                  | Disabled (0x0)                   | 172 | I2C4 Enable as Master                                                  | Disabled (0x0)                   |
| 172 | Multiport Sink Policy                                                  | Both sink paths will close       | 173 | Multiport Sink Policy                                                  | Both sink paths will close       |
| 173 | Sink Policy Non-overlap Time                                           | 1 mSec (0x0)                     | 174 | Sink Policy Non-overlap Time                                           | 1 mSec (0x0)                     |
| 174 | Multiport Alternate Mode Policy                                        | Both ports can enter the s       | 175 | Multiport Alternate Mode Policy                                        | Both ports can enter the s       |
| 175 | External Processor                                                     | Default (0x0)                    | 176 | External Processor                                                     | Default (0x0)                    |
| 176 | Ice Lake Enable One UFP Policy                                         | False (0x0)                      | 177 | Ice Lake Enable One UFP Policy                                         | Disable One UFP Policy (0x0)     |
| 177 | Ice Lake Enable Simple Source Policy Manager                           | False (0x0)                      | 178 | Ice Lake Enable Simple Source Policy Manager                           | Disable Simple Source Poli       |
| 178 | TBT Controller I2C Port                                                | I2C1 (0x1)                       | 179 | TBT Controller I2C Port                                                | I2C1 (0x1)                       |
| 179 | I2C Timeout                                                            | 1 S (0x7)                        | 180 | I2C Timeout                                                            | 1 S (0x7)                        |
| 180 | SPI Read Only                                                          | False (0x0)                      | 181 | SPI Read Only                                                          | False (0x0)                      |
| 181 |                                                                        |                                  | 182 |                                                                        |                                  |
| 182 | Port Configuration (0x28) - (0x3fb65809)                               |                                  | 183 | Port Configuration (0x28) - (0x3fb65809)                               |                                  |
| 183 | Port Configuration                                                     |                                  | 184 | Port Configuration                                                     |                                  |
| 184 | Port Configuration                                                     | DFP (0x1)                        | 185 | Port Configuration                                                     | DFP (0x1)                        |
| 185 | Reserved                                                               | Reserved, set 0 (0x0)            | 186 | Reserved                                                               | Reserved, set 0 (0x0)            |
| 186 | Receptacle Type                                                        | Standard fully-featured USB-     | 187 | Receptacle Type                                                        | Standard fully-featured USB-     |
| 187 | Audio Accessory Support                                                | False (0x0)                      | 188 | Audio Accessory Support                                                | False (0x0)                      |
| 188 | Debug Accessory Support                                                | False (0x0)                      | 189 | Debug Accessory Support                                                | False (0x0)                      |
| 189 | Type-C Supported Options                                               | No Options (0x0)                 | 190 | Type-C Supported Options                                               | No Options (0x0)                 |
| 190 | Reserved                                                               | Reserved, set 0 (0x0)            | 191 | Reserved                                                               | Reserved, set 0 (0x0)            |
| 191 | VConn Supported                                                        | VCONN supported as DFP/UFP (0x0) | 192 | VConn Supported                                                        | VCONN supported as DFP/UFP (0x0) |
| 192 | USB3.0/3.1 Rate                                                        | USB3 Gen2 signaling rate sup     | 193 | USB3.0/3.1 Rate                                                        | USB3 Gen2 signaling rate sup     |
| 193 | Reserved                                                               | Reserved, set 0 (0x0)            | 194 | Reserved                                                               | Reserved, set 0 (0x0)            |
| 194 | Set UVP to 4.5 V                                                       | False (0x0)                      | 195 | Set UVP to 4.5 V                                                       | False (0x0)                      |
| 195 | Under-voltage Protection Trip Point, PP_5V                             | 20% (0x3)                        | 196 | Under-voltage Protection Trip Point, PP_5V                             | 20% (0x3)                        |
| 196 | Under-voltage Protection Usage, PP_HV                                  | 20% (0x3)                        | 197 | Under-voltage Protection Usage, PP_HV                                  | 20% (0x3)                        |
| 197 | Over Voltage Protection Trip Point                                     | 24 V (0x3f)                      | 198 | Over Voltage Protection Trip Point                                     | 24 V (0x3f)                      |
| 198 | Over Voltage Protection Usage                                          | Disconnect VBUS if voltage e     | 199 | Over Voltage Protection Usage                                          | Disconnect VBUS if voltage e     |
| 199 | High Voltage Warning Level                                             | Warning when source VBUS vol     | 200 | High Voltage Warning Level                                             | Warning when source VBUS vol     |

|     |                                                                               |                                           |     |                                                                               |                                  |
|-----|-------------------------------------------------------------------------------|-------------------------------------------|-----|-------------------------------------------------------------------------------|----------------------------------|
| 200 | Low Voltage Warning Level                                                     | Warning when source VBUS Vol              | 201 | Low Voltage Warning Level                                                     | Warning when source VBUS Vol     |
| 201 | Soft Start Slew Rate                                                          | 0.41 V/mS typical (0x0)                   | 202 | Soft Start Slew Rate                                                          | 0.41 V/mS typical (0x0)          |
| 202 | Reserved                                                                      | Reserved, set 0 (0x0)                     | 203 | Reserved                                                                      | Reserved, set 0 (0x0)            |
| 203 | Set UVP Debounce                                                              | False (0x0)                               | 204 | Set UVP Debounce                                                              | False (0x0)                      |
| 204 | Reserved                                                                      | Reserved, set 0 (0x0)                     | 205 | Reserved                                                                      | Reserved, set 0 (0x0)            |
| 205 | Programmable Voltage Threshold                                                | 0 V (0x0)                                 | 206 | Programmable Voltage Threshold                                                | 0 V (0x0)                        |
| 206 | Programmable Power Threshold                                                  | 0 W (0x0)                                 | 207 | Programmable Power Threshold                                                  | 0 W (0x0)                        |
| 207 |                                                                               |                                           | 208 |                                                                               |                                  |
| 208 | Port Control (0x29) - (0x1a09c046)                                            |                                           | 209 | Port Control (0x29) - (0x950c2)                                               |                                  |
| 209 | Port Control                                                                  |                                           | 210 | Port Control                                                                  |                                  |
| 210 | Type-C Current                                                                | 3 A (strongest pullup) (0x2)              | 211 | Type-C Current                                                                | 3 A (strongest pullup) (0x2)     |
| 211 | PD Mode                                                                       | Legacy USB Host/Source (0x1)              | 212 | PD Mode                                                                       | Normal PD Behavior (0x0)         |
| 212 | Process Swap To Sink                                                          | False (0x0)                               | 213 | Process Swap To Sink                                                          | False (0x0)                      |
| 213 | Initiate Swap To Sink                                                         | False (0x0)                               | 214 | Initiate Swap To Sink                                                         | False (0x0)                      |
| 214 | Process Swap To Source                                                        | True (0x1)                                | 215 | Process Swap To Source                                                        | True (0x1)                       |
| 215 | Initiate Swap To Source                                                       | False (0x0)                               | 216 | Initiate Swap To Source                                                       | True (0x1)                       |
| 216 | Reserved                                                                      | Reserved, Set 0 (0x0)                     | 217 | Reserved                                                                      | Reserved, Set 0 (0x0)            |
| 217 | Reserved                                                                      | Reserved, Set 0 (0x0)                     | 218 | Reserved                                                                      | Reserved, Set 0 (0x0)            |
| 218 | Process VCONN Swap                                                            | False (0x0)                               | 219 | Process VCONN Swap                                                            | False (0x0)                      |
| 219 | Process Swap to UFP                                                           | False (0x0)                               | 220 | Process Swap to UFP                                                           | True (0x1)                       |
| 220 | Initiate Swap to UFP                                                          | False (0x0)                               | 221 | Initiate Swap to UFP                                                          | False (0x0)                      |
| 221 | Process Swap to DFP                                                           | True (0x1)                                | 222 | Process Swap to DFP                                                           | True (0x1)                       |
| 222 | Initiate Swap to DFP                                                          | True (0x1)                                | 223 | Initiate Swap to DFP                                                          | False (0x0)                      |
| 223 | Automatic ID Request                                                          | True (0x1)                                | 224 | Automatic ID Request                                                          | True (0x1)                       |
| 224 | AM Intrusive Mode                                                             | Not Supported (0x0)                       | 225 | AM Intrusive Mode                                                             | Not Supported (0x0)              |
| 225 | Force USB Generation 1                                                        | False (0x0)                               | 226 | Force USB Generation 1                                                        | False (0x0)                      |
| 226 | Externally Powered                                                            | True (0x1)                                | 227 | Externally Powered                                                            | True (0x1)                       |
| 227 | Automatic Sink Cap                                                            | False (0x0)                               | 228 | Automatic Sink Cap                                                            | False (0x0)                      |
| 228 | Sink Control Bit                                                              | False (0x0)                               | 229 | Sink Control Bit                                                              | False (0x0)                      |
| 229 | Reserved                                                                      | Reserved, set 0 (0x0)                     | 230 | Reserved                                                                      | Reserved, set 0 (0x0)            |
| 230 | 15 kOhm Resistor Present                                                      | False (0x0)                               | 231 | 15 kOhm Resistor Present                                                      | False (0x0)                      |
| 231 | Data Contact Detection Enable                                                 | True (0x1)                                | 232 | Data Contact Detection Enable                                                 | False (0x0)                      |
| 232 | Charger Advertise Enable                                                      | DCP Auto Mode 2 (Divider3, 1.2V, BC1.2 sh | 233 | Charger Advertise Enable                                                      | Charger Advertise Disabled (0x0) |
| 233 | USB Disable                                                                   | False (0x0)                               | 234 | USB Disable                                                                   | False (0x0)                      |
| 234 | Charger Detect Enable                                                         | Charger Detect Disabled (0x0)             | 235 | Charger Detect Enable                                                         | Charger Detect Disabled (0x0)    |
| 235 |                                                                               |                                           | 236 |                                                                               |                                  |
| 236 | Transmit Source Capabilities (0x32) - (0x190000000000000000000000000000006412 |                                           | 237 | Transmit Source Capabilities (0x32) - (0x190000000000000000000000000000006412 |                                  |
| 237 | Transmit Source Capabilities                                                  |                                           | 238 | Transmit Source Capabilities                                                  |                                  |
| 238 | Tx Source PDO Config                                                          |                                           | 239 | Tx Source PDO Config                                                          |                                  |
| 239 | Active PDO Bank                                                               | Use Bank 0 (0x0)                          | 240 | Active PDO Bank                                                               | Use Bank 0 (0x0)                 |
| 240 | Active PDO Bank Follows EP                                                    | False (0x0)                               | 241 | Active PDO Bank Follows EP                                                    | False (0x0)                      |
| 241 | Transmit Source Send Pending                                                  | False (0x0)                               | 242 | Transmit Source Send Pending                                                  | False (0x0)                      |
| 242 | Bank 0 Settings                                                               |                                           | 243 | Bank 0 Settings                                                               |                                  |
| 243 | Source PDO 1                                                                  |                                           | 244 | Source PDO 1                                                                  |                                  |
| 244 | Switch Source                                                                 | PP1 sources this PDO (0x0)                | 245 | Switch Source                                                                 | PP1 sources this PDO (0x0)       |
| 245 | Maximum Current                                                               | 3 A (0x12c)                               | 246 | Maximum Current                                                               | 3 A (0x12c)                      |
| 246 | Voltage                                                                       | 5 V (0x64)                                | 247 | Voltage                                                                       | 5 V (0x64)                       |
| 247 | Peak Current                                                                  | 100% (0x0)                                | 248 | Peak Current                                                                  | 100% (0x0)                       |
| 248 | reserved                                                                      | reserved, set 0 (0x0)                     | 249 | reserved                                                                      | reserved, set 0 (0x0)            |
| 249 | Unchunked Extended Msg Supported                                              | True (0x1)                                | 250 | Unchunked Extended Msg Supported                                              | True (0x1)                       |

|     |                       |                                            |
|-----|-----------------------|--------------------------------------------|
| 250 | USB Capable           | True (0x1)                                 |
| 251 | USB Suspend Supported | False (0x0)                                |
| 252 | Supply Type           | Fixed Source (0x0)                         |
| 253 | Source PDO 2          |                                            |
| 254 | Advertised Mask       | Always Advertise (0x1)                     |
| 255 | Switch Source         | PP1 sources this PDO (0x0)                 |
| 256 | Maximum Current       | 3 A (0x12c)                                |
| 257 | Voltage               | 9 V (0xb4)                                 |
| 258 | Peak Current          | 100% (0x0)                                 |
| 259 | reserved              | reserved, set 0 (0x0)                      |
| 260 | Supply Type           | Fixed Source (0x0)                         |
| 261 | Source PDO 3          |                                            |
| 262 | Advertised Mask       | Always Advertise (0x1)                     |
| 263 | Switch Source         | PP1 sources this PDO (0x0)                 |
| 264 | Maximum Current       | 3 A (0x12c)                                |
| 265 | Voltage               | 15 V (0x12c)                               |
| 266 | Peak Current          | 100% (0x0)                                 |
| 267 | reserved              | reserved, set 0 (0x0)                      |
| 268 | Supply Type           | Fixed Source (0x0)                         |
| 269 | Source PDO 4          |                                            |
| 270 | Advertised Mask       | Always Advertise (0x1)                     |
| 271 | Switch Source         | PP1 sources this PDO (0x0)                 |
| 272 | Maximum Current       | 3 A (0x12c)                                |
| 273 | Voltage               | 20 V (0x190)                               |
| 274 | Peak Current          | 100% (0x0)                                 |
| 275 | reserved              | reserved, set 0 (0x0)                      |
| 276 | Supply Type           | Fixed Source (0x0)                         |
| 277 | Source PDO 5          |                                            |
| 278 | Advertised Mask       | Advertise only if Externally Powered (0x0) |
| 279 | Switch Source         | PP1 sources this PDO (0x0)                 |
| 280 | Maximum Current       | 0 A (0x0)                                  |
| 281 | Voltage               | 0 V (0x0)                                  |
| 282 | Peak Current          | 100% (0x0)                                 |
| 283 | reserved              | reserved, set 0 (0x0)                      |
| 284 | Supply Type           | Fixed Source (0x0)                         |
| 285 | Source PDO 6          |                                            |
| 286 | Advertised Mask       | Advertise only if Externally Powered (0x0) |
| 287 | Switch Source         | PP1 sources this PDO (0x0)                 |
| 288 | Maximum Current       | 0 A (0x0)                                  |
| 289 | Voltage               | 0 V (0x0)                                  |
| 290 | Peak Current          | 100% (0x0)                                 |
| 291 | reserved              | reserved, set 0 (0x0)                      |
| 292 | Supply Type           | Fixed Source (0x0)                         |
| 293 | Source PDO 7          |                                            |
| 294 | Advertised Mask       | Advertise only if Externally Powered (0x0) |
| 295 | Switch Source         | PP1 sources this PDO (0x0)                 |
| 296 | Maximum Current       | 0 A (0x0)                                  |
| 297 | Voltage               | 0 V (0x0)                                  |
| 298 | Peak Current          | 100% (0x0)                                 |
| 299 | reserved              | reserved, set 0 (0x0)                      |

|     |                       |                            |
|-----|-----------------------|----------------------------|
| 251 | USB Capable           | False (0x0)                |
| 252 | USB Suspend Supported | False (0x0)                |
| 253 | Supply Type           | Fixed Source (0x0)         |
| 254 | Source PDO 2          |                            |
| 255 | Advertised Mask       | Always Advertise (0x1)     |
| 256 | Switch Source         | PP1 sources this PDO (0x0) |
| 257 | Maximum Current       | 3 A (0x12c)                |
| 258 | Voltage               | 9 V (0xb4)                 |
| 259 | Peak Current          | 100% (0x0)                 |
| 260 | reserved              | reserved, set 0 (0x0)      |
| 261 | Supply Type           | Fixed Source (0x0)         |
| 262 | Source PDO 3          |                            |
| 263 | Advertised Mask       | Always Advertise (0x1)     |
| 264 | Switch Source         | PP1 sources this PDO (0x0) |
| 265 | Maximum Current       | 3 A (0x12c)                |
| 266 | Voltage               | 15 V (0x12c)               |
| 267 | Peak Current          | 100% (0x0)                 |
| 268 | reserved              | reserved, set 0 (0x0)      |
| 269 | Supply Type           | Fixed Source (0x0)         |
| 270 | Source PDO 4          |                            |
| 271 | Advertised Mask       | Always Advertise (0x1)     |
| 272 | Switch Source         | PP1 sources this PDO (0x0) |
| 273 | Maximum Current       | 3 A (0x12c)                |
| 274 | Voltage               | 20 V (0x190)               |
| 275 | Peak Current          | 100% (0x0)                 |
| 276 | reserved              | reserved, set 0 (0x0)      |
| 277 | Supply Type           | Fixed Source (0x0)         |
| 278 | Source PDO 5          |                            |
| 279 | Advertised Mask       | Always Advertise (0x1)     |
| 280 | Switch Source         | PP1 sources this PDO (0x0) |
| 281 | Maximum Current       | 0 A (0x0)                  |
| 282 | Voltage               | 0 V (0x0)                  |
| 283 | Peak Current          | 100% (0x0)                 |
| 284 | reserved              | reserved, set 0 (0x0)      |
| 285 | Supply Type           | Fixed Source (0x0)         |
| 286 | Source PDO 6          |                            |
| 287 | Advertised Mask       | Always Advertise (0x1)     |
| 288 | Switch Source         | PP1 sources this PDO (0x0) |
| 289 | Maximum Current       | 0 A (0x0)                  |
| 290 | Voltage               | 0 V (0x0)                  |
| 291 | Peak Current          | 100% (0x0)                 |
| 292 | reserved              | reserved, set 0 (0x0)      |
| 293 | Supply Type           | Fixed Source (0x0)         |
| 294 | Source PDO 7          |                            |
| 295 | Advertised Mask       | Always Advertise (0x1)     |
| 296 | Switch Source         | PP1 sources this PDO (0x0) |
| 297 | Maximum Current       | 0 A (0x0)                  |
| 298 | Voltage               | 0 V (0x0)                  |
| 299 | Peak Current          | 100% (0x0)                 |
| 300 | reserved              | reserved, set 0 (0x0)      |

|     |                                  |                                            |
|-----|----------------------------------|--------------------------------------------|
| 300 | Supply Type                      | Fixed Source (0x0)                         |
| 301 | Number of Bank 0 Source PDOs     | 3 (0x3)                                    |
| 302 | Bank 1 Settings                  |                                            |
| 303 | Source PDO 1                     |                                            |
| 304 | Switch Source                    | PP1 sources this PDO (0x0)                 |
| 305 | Maximum Current                  | 0 A (0x0)                                  |
| 306 | Voltage                          | 5 V (0x64)                                 |
| 307 | Peak Current                     | 100% (0x0)                                 |
| 308 | reserved                         | reserved, set 0 (0x0)                      |
| 309 | Unchunked Extended Msg Supported | False (0x0)                                |
| 310 | USB Capable                      | False (0x0)                                |
| 311 | USB Suspend Supported            | False (0x0)                                |
| 312 | Supply Type                      | Fixed Source (0x0)                         |
| 313 | Source PDO 2                     |                                            |
| 314 | Advertised Mask                  | Always Advertise (0x1)                     |
| 315 | Switch Source                    | PP1 sources this PDO (0x0)                 |
| 316 | Maximum Current                  | 0 A (0x0)                                  |
| 317 | Voltage                          | 0 V (0x0)                                  |
| 318 | Peak Current                     | 100% (0x0)                                 |
| 319 | reserved                         | reserved, set 0 (0x0)                      |
| 320 | Supply Type                      | Fixed Source (0x0)                         |
| 321 | Source PDO 3                     |                                            |
| 322 | Advertised Mask                  | Always Advertise (0x1)                     |
| 323 | Switch Source                    | PP1 sources this PDO (0x0)                 |
| 324 | Maximum Current                  | 0 A (0x0)                                  |
| 325 | Voltage                          | 0 V (0x0)                                  |
| 326 | Peak Current                     | 100% (0x0)                                 |
| 327 | reserved                         | reserved, set 0 (0x0)                      |
| 328 | Supply Type                      | Fixed Source (0x0)                         |
| 329 | Source PDO 4                     |                                            |
| 330 | Advertised Mask                  | Always Advertise (0x1)                     |
| 331 | Switch Source                    | PP1 sources this PDO (0x0)                 |
| 332 | Maximum Current                  | 0 A (0x0)                                  |
| 333 | Voltage                          | 0 V (0x0)                                  |
| 334 | Peak Current                     | 100% (0x0)                                 |
| 335 | reserved                         | reserved, set 0 (0x0)                      |
| 336 | Supply Type                      | Fixed Source (0x0)                         |
| 337 | Source PDO 5                     |                                            |
| 338 | Advertised Mask                  | Advertise only if Externally Powered (0x0) |
| 339 | Switch Source                    | PP1 sources this PDO (0x0)                 |
| 340 | Maximum Current                  | 0 A (0x0)                                  |
| 341 | Voltage                          | 0 V (0x0)                                  |
| 342 | Peak Current                     | 100% (0x0)                                 |
| 343 | reserved                         | reserved, set 0 (0x0)                      |
| 344 | Supply Type                      | Fixed Source (0x0)                         |
| 345 | Source PDO 6                     |                                            |
| 346 | Advertised Mask                  | Advertise only if Externally Powered (0x0) |
| 347 | Switch Source                    | PP1 sources this PDO (0x0)                 |
| 348 | Maximum Current                  | 0 A (0x0)                                  |
| 349 | Voltage                          | 0 V (0x0)                                  |

|     |                                  |                            |
|-----|----------------------------------|----------------------------|
| 301 | Supply Type                      | Fixed Source (0x0)         |
| 302 | Number of Bank 0 Source PDOs     | 1 (0x1)                    |
| 303 | Bank 1 Settings                  |                            |
| 304 | Source PDO 1                     |                            |
| 305 | Switch Source                    | PP1 sources this PDO (0x0) |
| 306 | Maximum Current                  | 0 A (0x0)                  |
| 307 | Voltage                          | 5 V (0x64)                 |
| 308 | Peak Current                     | 100% (0x0)                 |
| 309 | reserved                         | reserved, set 0 (0x0)      |
| 310 | Unchunked Extended Msg Supported | False (0x0)                |
| 311 | USB Capable                      | False (0x0)                |
| 312 | USB Suspend Supported            | False (0x0)                |
| 313 | Supply Type                      | Fixed Source (0x0)         |
| 314 | Source PDO 2                     |                            |
| 315 | Advertised Mask                  | Always Advertise (0x1)     |
| 316 | Switch Source                    | PP1 sources this PDO (0x0) |
| 317 | Maximum Current                  | 0 A (0x0)                  |
| 318 | Voltage                          | 0 V (0x0)                  |
| 319 | Peak Current                     | 100% (0x0)                 |
| 320 | reserved                         | reserved, set 0 (0x0)      |
| 321 | Supply Type                      | Fixed Source (0x0)         |
| 322 | Source PDO 3                     |                            |
| 323 | Advertised Mask                  | Always Advertise (0x1)     |
| 324 | Switch Source                    | PP1 sources this PDO (0x0) |
| 325 | Maximum Current                  | 0 A (0x0)                  |
| 326 | Voltage                          | 0 V (0x0)                  |
| 327 | Peak Current                     | 100% (0x0)                 |
| 328 | reserved                         | reserved, set 0 (0x0)      |
| 329 | Supply Type                      | Fixed Source (0x0)         |
| 330 | Source PDO 4                     |                            |
| 331 | Advertised Mask                  | Always Advertise (0x1)     |
| 332 | Switch Source                    | PP1 sources this PDO (0x0) |
| 333 | Maximum Current                  | 0 A (0x0)                  |
| 334 | Voltage                          | 0 V (0x0)                  |
| 335 | Peak Current                     | 100% (0x0)                 |
| 336 | reserved                         | reserved, set 0 (0x0)      |
| 337 | Supply Type                      | Fixed Source (0x0)         |
| 338 | Source PDO 5                     |                            |
| 339 | Advertised Mask                  | Always Advertise (0x1)     |
| 340 | Switch Source                    | PP1 sources this PDO (0x0) |
| 341 | Maximum Current                  | 0 A (0x0)                  |
| 342 | Voltage                          | 0 V (0x0)                  |
| 343 | Peak Current                     | 100% (0x0)                 |
| 344 | reserved                         | reserved, set 0 (0x0)      |
| 345 | Supply Type                      | Fixed Source (0x0)         |
| 346 | Source PDO 6                     |                            |
| 347 | Advertised Mask                  | Always Advertise (0x1)     |
| 348 | Switch Source                    | PP1 sources this PDO (0x0) |
| 349 | Maximum Current                  | 0 A (0x0)                  |
| 350 | Voltage                          | 0 V (0x0)                  |

|     |                                            |                                                      |     |                                            |                                                      |
|-----|--------------------------------------------|------------------------------------------------------|-----|--------------------------------------------|------------------------------------------------------|
| 350 | Peak Current                               | 100% (0x0)                                           | 351 | Peak Current                               | 100% (0x0)                                           |
| 351 | reserved                                   | reserved, set 0 (0x0)                                | 352 | reserved                                   | reserved, set 0 (0x0)                                |
| 352 | Supply Type                                | Fixed Source (0x0)                                   | 353 | Supply Type                                | Fixed Source (0x0)                                   |
| 353 | Source PDO 7                               |                                                      | 354 | Source PDO 7                               |                                                      |
| 354 | Advertised Mask                            | Advertise only if Externally Powered (0x0)           | 355 | Advertised Mask                            | Always Advertise (0x1)                               |
| 355 | Switch Source                              | PP1 sources this PDO (0x0)                           | 356 | Switch Source                              | PP1 sources this PDO (0x0)                           |
| 356 | Maximum Current                            | 0 A (0x0)                                            | 357 | Maximum Current                            | 0 A (0x0)                                            |
| 357 | Voltage                                    | 0 V (0x0)                                            | 358 | Voltage                                    | 0 V (0x0)                                            |
| 358 | Peak Current                               | 100% (0x0)                                           | 359 | Peak Current                               | 100% (0x0)                                           |
| 359 | reserved                                   | reserved, set 0 (0x0)                                | 360 | reserved                                   | reserved, set 0 (0x0)                                |
| 360 | Supply Type                                | Fixed Source (0x0)                                   | 361 | Supply Type                                | Fixed Source (0x0)                                   |
| 361 | Number of Bank 1 Source PDOs               | 0 (0x0)                                              | 362 | Number of Bank 1 Source PDOs               | 0 (0x0)                                              |
| 362 |                                            |                                                      | 363 |                                            |                                                      |
| 363 | Transmit Sink Capabilities (0x33) -        | (0x4001692c4001692c00000000000000000000000000000000) | 364 | Transmit Sink Capabilities (0x33) -        | (0x4001692c4001692c00000000000000000000000000000000) |
| 364 | Transmit Sink Capabilities                 |                                                      | 365 | Transmit Sink Capabilities                 |                                                      |
| 365 | Sink PDO Count                             |                                                      | 366 | Sink PDO Count                             |                                                      |
| 366 | Number of Sink PDOs                        | 0 (0x0)                                              | 367 | Number of Sink PDOs                        | 0 (0x0)                                              |
| 367 | Sink PDO 1                                 |                                                      | 368 | Sink PDO 1                                 |                                                      |
| 368 | Operating Current                          | 0.9 A (0x5a)                                         | 369 | Operating Current                          | 0.9 A (0x5a)                                         |
| 369 | Voltage                                    | 5 V (0x64)                                           | 370 | Voltage                                    | 5 V (0x64)                                           |
| 370 | Peak Current                               | 100% (0x0)                                           | 371 | Peak Current                               | 100% (0x0)                                           |
| 371 | reserved                                   | reserved, set 0 (0x0)                                | 372 | reserved                                   | reserved, set 0 (0x0)                                |
| 372 | Fast Role Swap required USB Type-C Current | Fast Swap not Supported (0x0)                        | 373 | Fast Role Swap required USB Type-C Current | Fast Swap not Supported (0x0)                        |
| 373 | Higher Capability                          | True (0x1)                                           | 374 | Higher Capability                          | True (0x1)                                           |
| 374 | Supply Type                                | Fixed Sink (0x0)                                     | 375 | Supply Type                                | Fixed Sink (0x0)                                     |
| 375 | Maximum Operating Current                  | 3 A (0x12c)                                          | 376 | Maximum Operating Current                  | 3 A (0x12c)                                          |
| 376 | Minimum Operating Current                  | 0.9 A (0x5a)                                         | 377 | Minimum Operating Current                  | 0.9 A (0x5a)                                         |
| 377 | Ask For Max                                | True (0x1)                                           | 378 | Ask For Max                                | True (0x1)                                           |
| 378 | Sink PDO 2                                 |                                                      | 379 | Sink PDO 2                                 |                                                      |
| 379 | Operating Current                          | 0.9 A (0x5a)                                         | 380 | Operating Current                          | 0.9 A (0x5a)                                         |
| 380 | Minimum Voltage                            | 5 V (0x64)                                           | 381 | Minimum Voltage                            | 5 V (0x64)                                           |
| 381 | Maximum Voltage                            | 20 V (0x190)                                         | 382 | Maximum Voltage                            | 20 V (0x190)                                         |
| 382 | Supply Type                                | Variable Sink (0x2)                                  | 383 | Supply Type                                | Variable Sink (0x2)                                  |
| 383 | Maximum Operating Current                  | 3 A (0x12c)                                          | 384 | Maximum Operating Current                  | 3 A (0x12c)                                          |
| 384 | Minimum Operating Current                  | 0.9 A (0x5a)                                         | 385 | Minimum Operating Current                  | 0.9 A (0x5a)                                         |
| 385 | Ask For Max                                | True (0x1)                                           | 386 | Ask For Max                                | True (0x1)                                           |
| 386 | Sink PDO 3                                 |                                                      | 387 | Sink PDO 3                                 |                                                      |
| 387 | Operating Current                          | 0 A (0x0)                                            | 388 | Operating Current                          | 0 A (0x0)                                            |
| 388 | Voltage                                    | 0 V (0x0)                                            | 389 | Voltage                                    | 0 V (0x0)                                            |
| 389 | Peak Current                               | 100% (0x0)                                           | 390 | Peak Current                               | 100% (0x0)                                           |
| 390 | reserved                                   | reserved, set 0 (0x0)                                | 391 | reserved                                   | reserved, set 0 (0x0)                                |
| 391 | Supply Type                                | Fixed Sink (0x0)                                     | 392 | Supply Type                                | Fixed Sink (0x0)                                     |
| 392 | Maximum Operating Current                  | 0 A (0x0)                                            | 393 | Maximum Operating Current                  | 0 A (0x0)                                            |
| 393 | Minimum Operating Current                  | 0 A (0x0)                                            | 394 | Minimum Operating Current                  | 0 A (0x0)                                            |
| 394 | Ask For Max                                | False (0x0)                                          | 395 | Ask For Max                                | False (0x0)                                          |
| 395 | Sink PDO 4                                 |                                                      | 396 | Sink PDO 4                                 |                                                      |
| 396 | Operating Current                          | 0 A (0x0)                                            | 397 | Operating Current                          | 0 A (0x0)                                            |
| 397 | Voltage                                    | 0 V (0x0)                                            | 398 | Voltage                                    | 0 V (0x0)                                            |
| 398 | Peak Current                               | 100% (0x0)                                           | 399 | Peak Current                               | 100% (0x0)                                           |
| 399 | reserved                                   | reserved, set 0 (0x0)                                | 400 | reserved                                   | reserved, set 0 (0x0)                                |

|     |                                                       |                            |
|-----|-------------------------------------------------------|----------------------------|
| 400 | Supply Type                                           | Fixed Sink (0x0)           |
| 401 | Maximum Operating Current                             | 0 A (0x0)                  |
| 402 | Minimum Operating Current                             | 0 A (0x0)                  |
| 403 | Ask For Max                                           | False (0x0)                |
| 404 | Sink PDO 5                                            |                            |
| 405 | Operating Current                                     | 0 A (0x0)                  |
| 406 | Voltage                                               | 0 V (0x0)                  |
| 407 | Peak Current                                          | 100% (0x0)                 |
| 408 | reserved                                              | reserved, set 0 (0x0)      |
| 409 | Supply Type                                           | Fixed Sink (0x0)           |
| 410 | Maximum Operating Current                             | 0 A (0x0)                  |
| 411 | Minimum Operating Current                             | 0 A (0x0)                  |
| 412 | Ask For Max                                           | False (0x0)                |
| 413 | Sink PDO 6                                            |                            |
| 414 | Operating Current                                     | 0 A (0x0)                  |
| 415 | Voltage                                               | 0 V (0x0)                  |
| 416 | Peak Current                                          | 100% (0x0)                 |
| 417 | reserved                                              | reserved, set 0 (0x0)      |
| 418 | Supply Type                                           | Fixed Sink (0x0)           |
| 419 | Maximum Operating Current                             | 0 A (0x0)                  |
| 420 | Minimum Operating Current                             | 0 A (0x0)                  |
| 421 | Ask For Max                                           | False (0x0)                |
| 422 |                                                       |                            |
| 423 | Autonegotiate Sink (0x37) - (0x190c800000000003d3d6f) |                            |
| 424 | Autonegotitate Sink                                   |                            |
| 425 | General Settings                                      |                            |
| 426 | Autonegotiate Sink Enable                             | True (0x1)                 |
| 427 | Autonegotiate Variable Sink Enable                    | True (0x1)                 |
| 428 | Autonegotiate Battery Sink Enable                     | True (0x1)                 |
| 429 | USB Communication Capable                             | True (0x1)                 |
| 430 | Offer Priority                                        | Choose Highest Power (0x2) |
| 431 | No USB Suspend                                        | True (0x1)                 |
| 432 | Giveback Flag                                         | False (0x0)                |
| 433 | Power Settings                                        |                            |
| 434 | Auto Compute Sink Min Power                           | True (0x1)                 |
| 435 | Auto Negotiate Sink Min Required Power                | 15.25 W (0x3d)             |
| 436 |                                                       |                            |
| 437 | Alternate Mode Entry Queue (0x38) - (0x1ff0100018087) |                            |
| 438 | Alternate Mode Entry Queue                            |                            |
| 439 | Alternate Mode Entry Queue record #1                  |                            |
| 440 | SVID (Standard or Vendor ID)                          | 0x8087 (0x8087)            |
| 441 | Mode Position                                         | 0x1 (0x1)                  |
| 442 | Limited Entry                                         | False (0x0)                |
| 443 | Alternate Mode Entry Queue record #2                  |                            |
| 444 | SVID (Standard or Vendor ID)                          | 0xff01 (0xff01)            |
| 445 | Mode Position                                         | 0x1 (0x1)                  |
| 446 | Limited Entry                                         | False (0x0)                |
| 447 | Alternate Mode Entry Queue record #3                  |                            |
| 448 | SVID (Standard or Vendor ID)                          | 0x0 (0x0)                  |
| 449 | Mode Position                                         | 0x0 (0x0)                  |

|     |                                                       |                            |
|-----|-------------------------------------------------------|----------------------------|
| 401 | Supply Type                                           | Fixed Sink (0x0)           |
| 402 | Maximum Operating Current                             | 0 A (0x0)                  |
| 403 | Minimum Operating Current                             | 0 A (0x0)                  |
| 404 | Ask For Max                                           | False (0x0)                |
| 405 | Sink PDO 5                                            |                            |
| 406 | Operating Current                                     | 0 A (0x0)                  |
| 407 | Voltage                                               | 0 V (0x0)                  |
| 408 | Peak Current                                          | 100% (0x0)                 |
| 409 | reserved                                              | reserved, set 0 (0x0)      |
| 410 | Supply Type                                           | Fixed Sink (0x0)           |
| 411 | Maximum Operating Current                             | 0 A (0x0)                  |
| 412 | Minimum Operating Current                             | 0 A (0x0)                  |
| 413 | Ask For Max                                           | False (0x0)                |
| 414 | Sink PDO 6                                            |                            |
| 415 | Operating Current                                     | 0 A (0x0)                  |
| 416 | Voltage                                               | 0 V (0x0)                  |
| 417 | Peak Current                                          | 100% (0x0)                 |
| 418 | reserved                                              | reserved, set 0 (0x0)      |
| 419 | Supply Type                                           | Fixed Sink (0x0)           |
| 420 | Maximum Operating Current                             | 0 A (0x0)                  |
| 421 | Minimum Operating Current                             | 0 A (0x0)                  |
| 422 | Ask For Max                                           | False (0x0)                |
| 423 |                                                       |                            |
| 424 | Autonegotiate Sink (0x37) - (0x190c800000000003d3c6f) |                            |
| 425 | Autonegotitate Sink                                   |                            |
| 426 | General Settings                                      |                            |
| 427 | Autonegotiate Sink Enable                             | True (0x1)                 |
| 428 | Autonegotiate Variable Sink Enable                    | True (0x1)                 |
| 429 | Autonegotiate Battery Sink Enable                     | True (0x1)                 |
| 430 | USB Communication Capable                             | True (0x1)                 |
| 431 | Offer Priority                                        | Choose Highest Power (0x2) |
| 432 | No USB Suspend                                        | True (0x1)                 |
| 433 | Giveback Flag                                         | False (0x0)                |
| 434 | Power Settings                                        |                            |
| 435 | Auto Compute Sink Min Power                           | False (0x0)                |
| 436 | Auto Negotiate Sink Min Required Power                | 15.25 W (0x3d)             |
| 437 |                                                       |                            |
| 438 | Alternate Mode Entry Queue (0x38) - (0x1ff0100018087) |                            |
| 439 | Alternate Mode Entry Queue                            |                            |
| 440 | Alternate Mode Entry Queue record #1                  |                            |
| 441 | SVID (Standard or Vendor ID)                          | 0x8087 (0x8087)            |
| 442 | Mode Position                                         | 0x1 (0x1)                  |
| 443 | Limited Entry                                         | False (0x0)                |
| 444 | Alternate Mode Entry Queue record #2                  |                            |
| 445 | SVID (Standard or Vendor ID)                          | 0xff01 (0xff01)            |
| 446 | Mode Position                                         | 0x1 (0x1)                  |
| 447 | Limited Entry                                         | False (0x0)                |
| 448 | Alternate Mode Entry Queue record #3                  |                            |
| 449 | SVID (Standard or Vendor ID)                          | 0x0 (0x0)                  |
| 450 | Mode Position                                         | 0x0 (0x0)                  |



|     |                                                 |                                    |     |                                                 |                                             |
|-----|-------------------------------------------------|------------------------------------|-----|-------------------------------------------------|---------------------------------------------|
| 500 | AMA Hardware Version                            | 0x0 (0x0)                          | 501 | AMA Hardware Version                            | 0x0 (0x0)                                   |
| 501 | Certification Test ID                           | 0x0 (0x0)                          | 502 | Certification Test ID                           | 0x0 (0x0)                                   |
| 502 | UFP IDO VDO #5                                  | 0x0 (0x0)                          | 503 | UFP IDO VDO #5                                  | 0x0 (0x0)                                   |
| 503 | UFP IDO VDO #6                                  | 0x0 (0x0)                          | 504 | UFP IDO VDO #6                                  | 0x0 (0x0)                                   |
| 504 | SOP' (Tethered Plug) Discover Identity Response |                                    | 505 | SOP' (Tethered Plug) Discover Identity Response |                                             |
| 505 | SOP' (Tethered Plug) IDO Header                 |                                    | 506 | SOP' (Tethered Plug) IDO Header                 |                                             |
| 506 | USB Vendor ID                                   | 0x0 (0x0)                          | 507 | USB Vendor ID                                   | 0x0 (0x0)                                   |
| 507 | Product Type (DFP)                              | Undefined (0x0)                    | 508 | Product Type (DFP)                              | Undefined (0x0)                             |
| 508 | Modal Operation Supported                       | False (0x0)                        | 509 | Modal Operation Supported                       | False (0x0)                                 |
| 509 | Product Type (Cable Plug)                       | Undefined (0x0)                    | 510 | Product Type (Cable Plug)                       | Undefined (0x0)                             |
| 510 | Data Capable as USB Device                      | False (0x0)                        | 511 | Data Capable as USB Device                      | False (0x0)                                 |
| 511 | Data Capable as USB Host                        | False (0x0)                        | 512 | Data Capable as USB Host                        | False (0x0)                                 |
| 512 | Product Vendor Defined Object                   |                                    | 513 | Product Vendor Defined Object                   |                                             |
| 513 | BCD Device                                      | 0x710 (0x710)                      | 514 | BCD Device                                      | 0x710 (0x710)                               |
| 514 | USB Product ID                                  | 0x0 (0x0)                          | 515 | USB Product ID                                  | 0x0 (0x0)                                   |
| 515 | Cable Vendor Defined Object                     |                                    | 516 | Cable Vendor Defined Object                     |                                             |
| 516 | USB SS Signalling                               | USB 2.0 Only (0x0)                 | 517 | USB SS Signalling                               | USB 2.0 Only (0x0)                          |
| 517 | VBus Current Handling Capability                | Reserved (0x0)                     | 518 | SOP" Controller Present                         | False (0x0)                                 |
| 518 | Maximum Vbus Voltage                            | 20V (0x0)                          | 519 | VBus Through Cable                              | False (0x0)                                 |
| 519 | Cable Termination Type                          | Both Ends Passive, VConn Not Requi | 520 | VBus Current Capability                         | 1.5 A (0x0)                                 |
| 520 | Cable Latency                                   | reserved (0000b) (0x0)             | 521 | SSRx 2 Directionality                           | Fixed (0x0)                                 |
| 521 | Type-C Plug to Type-C/Captive                   | reserved (0x0)                     | 522 | SSRx 1 Directionality                           | Fixed (0x0)                                 |
| 522 | VDO version                                     | 0x0 (0x0)                          | 523 | SSTx 2 Directionality                           | Fixed (0x0)                                 |
| 523 | Cable Firmware Version                          | 0x0 (0x0)                          | 524 | SSTx 1 Directionality                           | Fixed (0x0)                                 |
| 524 | Cable Hardware Version                          | 0x0 (0x0)                          | 525 | Cable Termination Type                          | Both Ends Passive, VConn Not Required (0x0) |
|     |                                                 |                                    | 526 | Cable Latency                                   | reserved (0000b) (0x0)                      |
|     |                                                 |                                    | 527 | Type-C Plug/Receptacle                          | Plug (0x0)                                  |
|     |                                                 |                                    | 528 | Type-C to Type-A/B/C                            | Type-A (0x0)                                |
|     |                                                 |                                    | 529 | Cable Firmware Version                          | 0x0 (0x0)                                   |
|     |                                                 |                                    | 530 | Cable Hardware Version                          | 0x0 (0x0)                                   |
| 525 | Certification Test ID                           | 0x0 (0x0)                          | 531 | Certification Test ID                           | 0x0 (0x0)                                   |
| 526 | SOP' (Tethered Plug) IDO VDO #5                 | 0x0 (0x0)                          | 532 | SOP' (Tethered Plug) IDO VDO #5                 | 0x0 (0x0)                                   |
| 527 | SOP' (Tethered Plug) IDO VDO #6                 | 0x0 (0x0)                          | 533 | SOP' (Tethered Plug) IDO VDO #6                 | 0x0 (0x0)                                   |
| 528 |                                                 |                                    | 534 |                                                 |                                             |
| 529 | User Alternate Mode Config (0x4a) - (0x0)       |                                    | 535 | User Alternate Mode Config (0x4a) - (0x0)       |                                             |
| 530 | User Alternate Mode Config                      |                                    | 536 | User Alternate Mode Config                      |                                             |
| 531 | General Settings                                |                                    | 537 | General Settings                                |                                             |
| 532 | User VID Enabled                                | False (0x0)                        | 538 | User VID Enabled                                | False (0x0)                                 |
| 533 | User Alternate Mode VID (Vendor ID)             | 0x0 (0x0)                          | 539 | User Alternate Mode VID (Vendor ID)             | 0x0 (0x0)                                   |
| 534 | User VID Mode 1 Enabled                         | False (0x0)                        | 540 | User VID Mode 1 Enabled                         | False (0x0)                                 |
| 535 | User VID Mode 2 Enabled                         | False (0x0)                        | 541 | User VID Mode 2 Enabled                         | False (0x0)                                 |
| 536 | User VID Mode 3 Enabled                         | False (0x0)                        | 542 | User VID Mode 3 Enabled                         | False (0x0)                                 |
| 537 | User VID Mode 4 Enabled                         | False (0x0)                        | 543 | User VID Mode 4 Enabled                         | False (0x0)                                 |
| 538 | User Alternate Mode #1 Settings                 |                                    | 544 | User Alternate Mode #1 Settings                 |                                             |
| 539 | Mode Value                                      | 0x0 (0x0)                          | 545 | Mode Value                                      | 0x0 (0x0)                                   |
| 540 | User VID Mode Load App Config Data              | False (0x0)                        | 546 | User VID Mode Load App Config Data              | False (0x0)                                 |
| 541 | User VID Mode Auto Send Unstructed VDM          | False (0x0)                        | 547 | User VID Mode Auto Send Unstructed VDM          | False (0x0)                                 |
| 542 | User VID Mode Autoentry Enabled                 | False (0x0)                        | 548 | User VID Mode Autoentry Enabled                 | False (0x0)                                 |
| 543 | User Alternate Mode #2 Settings                 |                                    | 549 | User Alternate Mode #2 Settings                 |                                             |
| 544 | Mode Value                                      | 0x0 (0x0)                          | 550 | Mode Value                                      | 0x0 (0x0)                                   |

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|     |                                                                                |                                   |
|-----|--------------------------------------------------------------------------------|-----------------------------------|
| 545 | User VID Mode Load App Config Data                                             | False (0x0)                       |
| 546 | User VID Mode Auto Send Unstructured VDM                                       | False (0x0)                       |
| 547 | User VID Mode Autoentry Enabled                                                | False (0x0)                       |
| 548 | User Alternate Mode #3 Settings                                                |                                   |
| 549 | Mode Value                                                                     | 0x0 (0x0)                         |
| 550 | User VID Mode Load App Config Data                                             | False (0x0)                       |
| 551 | User VID Mode Auto Send Unstructured VDM                                       | False (0x0)                       |
| 552 | User VID Mode Autoentry Enabled                                                | False (0x0)                       |
| 553 | User Alternate Mode #4 Settings                                                |                                   |
| 554 | Mode Value                                                                     | 0x0 (0x0)                         |
| 555 | User VID Mode Load App Config Data                                             | False (0x0)                       |
| 556 | User VID Mode Auto Send Unstructured VDM                                       | False (0x0)                       |
| 557 | User VID Mode Autoentry Enabled                                                | False (0x0)                       |
| 558 | Unstructured VDM Settings                                                      |                                   |
| 559 | User VID Auto Send VDO Data                                                    | 0x0 (0x0)                         |
| 560 | User VID Auto Send Vendor Data                                                 | 0x0 (0x0)                         |
| 561 | User Mode Auto Send VDO Count                                                  | 0 (0x0)                           |
| 562 |                                                                                |                                   |
| 563 | Display Port Capabilities (0x51) - (0x20c1c4000)                               |                                   |
| 564 | Display Port Capabilities                                                      |                                   |
| 565 | Enable Display Port SVID                                                       | False (0x0)                       |
| 566 | Enable Display Port Mode 1                                                     | False (0x0)                       |
| 567 | DP Port Capability                                                             | DP Disabled (0x0)                 |
| 568 | Supports DP v1.3 signalling                                                    | False (0x0)                       |
| 569 | Supports USB Gen 2 signalling                                                  | False (0x0)                       |
| 570 | DP Receptacle Indication                                                       | Receptacle (0x1)                  |
| 571 | USB2.0 Signalling Not Used                                                     | False (0x0)                       |
| 572 | DFPD Receptacle or UFPD Plug Pin Assignment                                    | C, D, E (0x1c)                    |
| 573 | UFPD Receptacle or DFPD Plug Pin Assignment                                    | C, D (0xc)                        |
| 574 | Multifunction Preferred                                                        | False (0x0)                       |
| 575 | Preferred DP Role                                                              | Prefers DFP_D (0x1)               |
| 576 | DFP_D / UFP_D Connected                                                        | No Connection (0x0)               |
| 577 | DisplayPort Mode Auto Entry Allowed                                            | False (0x0)                       |
| 578 | Reserved, Set 0                                                                | 0 (0x0)                           |
| 579 |                                                                                |                                   |
| 580 | I/O Config (0x5c) - (0x12130c0b00000000032729000004282a0000000000000000000000) |                                   |
| 581 | GPIO Event Map                                                                 |                                   |
| 582 | GPIO #0                                                                        |                                   |
| 583 | Multiplexing for GPIO 0 pin                                                    | Pin Multiplexed to GPIO (0x0)     |
| 584 | Map Pin to GPIO or Alternate Function                                          | GPIO (0x0)                        |
| 585 | Output Enable                                                                  | True (0x1)                        |
| 586 | Interrupt Enable                                                               | False (0x0)                       |
| 587 | Initial Value                                                                  | 0b0 (0x0)                         |
| 588 | Open Drain Output Enable                                                       | False (0x0)                       |
| 589 | Internal Pull Down Enable                                                      | False (0x0)                       |
| 590 | Internal Pull Up Enable                                                        | False (0x0)                       |
| 591 | GPIO Analog Input Control                                                      | Pin to GPIO (0x0)                 |
| 592 | Mapped Event                                                                   | Port 1 DP Mode Select Event (0x0) |
| 593 | GPIO Polarity                                                                  | Direct-mapped Event (0x0)         |
| 594 | GPIO #1                                                                        |                                   |

[illegible]

|     |                                       |                                 |     |                                       |                                |
|-----|---------------------------------------|---------------------------------|-----|---------------------------------------|--------------------------------|
| 595 | Multiplexing for GPIO 1 pin           | Pin Multiplexed to GPIO (0x0)   | 601 | Multiplexing for GPIO 1 pin           | Pin Multiplexed to GPIO (0x0)  |
| 596 | Map Pin to GPIO or Alternate Function | GPIO (0x0)                      | 602 | Map Pin to GPIO or Alternate Function | GPIO (0x0)                     |
| 597 | Output Enable                         | True (0x1)                      | 603 | Output Enable                         | False (0x0)                    |
| 598 | Interrupt Enable                      | False (0x0)                     | 604 | Interrupt Enable                      | True (0x1)                     |
| 599 | Initial Value                         | 0b0 (0x0)                       | 605 | Initial Value                         | 0b0 (0x0)                      |
| 600 | Open Drain Output Enable              | False (0x0)                     | 606 | Open Drain Output Enable              | False (0x0)                    |
| 601 | Internal Pull Down Enable             | False (0x0)                     | 607 | Internal Pull Down Enable             | True (0x1)                     |
| 602 | Internal Pull Up Enable               | False (0x0)                     | 608 | Internal Pull Up Enable               | False (0x0)                    |
| 603 | GPIO Analog Input Control             | Pin to GPIO (0x0)               | 609 | GPIO Analog Input Control             | Pin to GPIO (0x0)              |
| 604 | Mapped Event                          | Port 1 USB3 Event (0x28)        | 610 | Mapped Event                          | Port 0 Load App Config 1 Event |
| 605 | GPIO Polarity                         | Direct-mapped Event (0x0)       | 611 | GPIO Polarity                         | Direct-mapped Event (0x0)      |
| 606 | GPIO #2                               |                                 | 612 | GPIO #2                               |                                |
| 607 | Multiplexing for GPIO 2 pin           | Pin Multiplexed to GPIO (0x0)   | 613 | Multiplexing for GPIO 2 pin           | Pin Multiplexed to GPIO (0x0)  |
| 608 | Map Pin to GPIO or Alternate Function | GPIO (0x0)                      | 614 | Map Pin to GPIO or Alternate Function | GPIO (0x0)                     |
| 609 | Output Enable                         | True (0x1)                      | 615 | Output Enable                         | False (0x0)                    |
| 610 | Interrupt Enable                      | False (0x0)                     | 616 | Interrupt Enable                      | True (0x1)                     |
| 611 | Initial Value                         | 0b0 (0x0)                       | 617 | Initial Value                         | 0b0 (0x0)                      |
| 612 | Open Drain Output Enable              | False (0x0)                     | 618 | Open Drain Output Enable              | False (0x0)                    |
| 613 | Internal Pull Down Enable             | False (0x0)                     | 619 | Internal Pull Down Enable             | False (0x0)                    |
| 614 | Internal Pull Up Enable               | False (0x0)                     | 620 | Internal Pull Up Enable               | False (0x0)                    |
| 615 | GPIO Analog Input Control             | Pin to GPIO (0x0)               | 621 | GPIO Analog Input Control             | Pin to GPIO (0x0)              |
| 616 | Mapped Event                          | Port 1 Cable Orientation Event  | 622 | Mapped Event                          | Port 0 Load App Config 2 Event |
| 617 | GPIO Polarity                         | Direct-mapped Event (0x0)       | 623 | GPIO Polarity                         | Direct-mapped Event (0x0)      |
| 618 | GPIO #3 (DP HPD Port 0)               |                                 | 624 | GPIO #3 (DP HPD Port 0)               |                                |
| 619 | Multiplexing for GPIO 3 pin           | Pin Multiplexed to Alternate Fu | 625 | Multiplexing for GPIO 3 pin           | Pin Multiplexed to GPIO (0x0)  |
| 620 | Map Pin to GPIO or Alternate Function | DP HPD Port 0 (0x1)             | 626 | Map Pin to GPIO or Alternate Function | GPIO (0x0)                     |
| 621 | Output Enable                         | False (0x0)                     | 627 | Output Enable                         | False (0x0)                    |
| 622 | Interrupt Enable                      | False (0x0)                     | 628 | Interrupt Enable                      | False (0x0)                    |
| 623 | Initial Value                         | 0b0 (0x0)                       | 629 | Initial Value                         | 0b0 (0x0)                      |
| 624 | Open Drain Output Enable              | False (0x0)                     | 630 | Open Drain Output Enable              | False (0x0)                    |
| 625 | Internal Pull Down Enable             | False (0x0)                     | 631 | Internal Pull Down Enable             | False (0x0)                    |
| 626 | Internal Pull Up Enable               | False (0x0)                     | 632 | Internal Pull Up Enable               | False (0x0)                    |
| 627 | GPIO Analog Input Control             | Pin to GPIO (0x0)               | 633 | GPIO Analog Input Control             | Pin to GPIO (0x0)              |
| 628 | Mapped Event                          | Disabled (0x0)                  | 634 | Mapped Event                          | Disabled (0x0)                 |
| 629 | GPIO Polarity                         | Direct-mapped Event (0x0)       | 635 | GPIO Polarity                         | Direct-mapped Event (0x0)      |
| 630 | GPIO #4 (DP HPD Port 1)               |                                 | 636 | GPIO #4                               |                                |
| 631 | Multiplexing for GPIO 4 pin           | Pin Multiplexed to Alternate Fu | 637 | Multiplexing for GPIO 4 pin           | Pin Multiplexed to GPIO (0x0)  |
| 632 | Map Pin to GPIO or Alternate Function | DP HPD Port 1 (0x1)             | 638 | Map Pin to GPIO or Alternate Function | GPIO (0x0)                     |
| 633 | Output Enable                         | False (0x0)                     | 639 | Output Enable                         | False (0x0)                    |
| 634 | Interrupt Enable                      | False (0x0)                     | 640 | Interrupt Enable                      | False (0x0)                    |
| 635 | Initial Value                         | 0b0 (0x0)                       | 641 | Initial Value                         | 0b0 (0x0)                      |
| 636 | Open Drain Output Enable              | False (0x0)                     | 642 | Open Drain Output Enable              | False (0x0)                    |
| 637 | Internal Pull Down Enable             | False (0x0)                     | 643 | Internal Pull Down Enable             | False (0x0)                    |
| 638 | Internal Pull Up Enable               | False (0x0)                     | 644 | Internal Pull Up Enable               | False (0x0)                    |
| 639 | GPIO Analog Input Control             | Pin to GPIO (0x0)               | 645 | GPIO Analog Input Control             | Pin to GPIO (0x0)              |
| 640 | Mapped Event                          | Disabled (0x0)                  | 646 | Mapped Event                          | Disabled (0x0)                 |
| 641 | GPIO Polarity                         | Direct-mapped Event (0x0)       | 647 | GPIO Polarity                         | Direct-mapped Event (0x0)      |
| 642 | GPIO #5 (I2C3)                        |                                 | 648 | GPIO #5 (I2C3)                        |                                |
| 643 | Multiplexing for GPIO 5 pin           | Pin Multiplexed to GPIO (0x0)   | 649 | Multiplexing for GPIO 5 pin           | Pin Multiplexed to GPIO (0x0)  |
| 644 | Map Pin to GPIO or Alternate Function | GPIO (0x0)                      | 650 | Map Pin to GPIO or Alternate Function | GPIO (0x0)                     |

|     |                                       |                                   |     |                                       |                                |
|-----|---------------------------------------|-----------------------------------|-----|---------------------------------------|--------------------------------|
| 645 | Output Enable                         | True (0x1)                        | 651 | Output Enable                         | False (0x0)                    |
| 646 | Interrupt Enable                      | False (0x0)                       | 652 | Interrupt Enable                      | True (0x1)                     |
| 647 | Initial Value                         | 0b0 (0x0)                         | 653 | Initial Value                         | 0b0 (0x0)                      |
| 648 | Open Drain Output Enable              | False (0x0)                       | 654 | Open Drain Output Enable              | False (0x0)                    |
| 649 | Internal Pull Down Enable             | False (0x0)                       | 655 | Internal Pull Down Enable             | False (0x0)                    |
| 650 | Internal Pull Up Enable               | False (0x0)                       | 656 | Internal Pull Up Enable               | False (0x0)                    |
| 651 | GPIO Analog Input Control             | Pin to GPIO (0x0)                 | 657 | GPIO Analog Input Control             | Pin to GPIO (0x0)              |
| 652 | Mapped Event                          | Port 0 DP Mode Select Event (0x0) | 658 | Mapped Event                          | Port 0 Load App Config 3 Event |
| 653 | GPIO Polarity                         | Direct-mapped Event (0x0)         | 659 | GPIO Polarity                         | Direct-mapped Event (0x0)      |
| 654 | GPIO #6 (Derived I2C3)                |                                   | 660 | GPIO #6 (Derived I2C3)                |                                |
| 655 | Multiplexing for GPIO 6 pin           | Pin Multiplexed to GPIO (0x0)     | 661 | Multiplexing for GPIO 6 pin           | Pin Multiplexed to GPIO (0x0)  |
| 656 | Map Pin to GPIO or Alternate Function | GPIO (0x0)                        | 662 | Map Pin to GPIO or Alternate Function | GPIO (0x0)                     |
| 657 | Output Enable                         | True (0x1)                        | 663 | Output Enable                         | False (0x0)                    |
| 658 | Interrupt Enable                      | False (0x0)                       | 664 | Interrupt Enable                      | False (0x0)                    |
| 659 | Initial Value                         | 0b0 (0x0)                         | 665 | Initial Value                         | 0b0 (0x0)                      |
| 660 | Open Drain Output Enable              | False (0x0)                       | 666 | Open Drain Output Enable              | False (0x0)                    |
| 661 | Internal Pull Down Enable             | False (0x0)                       | 667 | Internal Pull Down Enable             | False (0x0)                    |
| 662 | Internal Pull Up Enable               | False (0x0)                       | 668 | Internal Pull Up Enable               | False (0x0)                    |
| 663 | GPIO Analog Input Control             | Pin to GPIO (0x0)                 | 669 | GPIO Analog Input Control             | Pin to GPIO (0x0)              |
| 664 | Mapped Event                          | Port 0 USB3 Event (0x27)          | 670 | Mapped Event                          | Disabled (0x0)                 |
| 665 | GPIO Polarity                         | Direct-mapped Event (0x0)         | 671 | GPIO Polarity                         | Direct-mapped Event (0x0)      |
| 666 | GPIO #7                               |                                   | 672 | GPIO #7                               |                                |
| 667 | Multiplexing for GPIO 7 pin           | Pin Multiplexed to GPIO (0x0)     | 673 | Multiplexing for GPIO 7 pin           | Pin Multiplexed to GPIO (0x0)  |
| 668 | Map Pin to GPIO or Alternate Function | GPIO (0x0)                        | 674 | Map Pin to GPIO or Alternate Function | GPIO (0x0)                     |
| 669 | Output Enable                         | True (0x1)                        | 675 | Output Enable                         | False (0x0)                    |
| 670 | Interrupt Enable                      | False (0x0)                       | 676 | Interrupt Enable                      | False (0x0)                    |
| 671 | Initial Value                         | 0b0 (0x0)                         | 677 | Initial Value                         | 0b0 (0x0)                      |
| 672 | Open Drain Output Enable              | False (0x0)                       | 678 | Open Drain Output Enable              | False (0x0)                    |
| 673 | Internal Pull Down Enable             | False (0x0)                       | 679 | Internal Pull Down Enable             | False (0x0)                    |
| 674 | Internal Pull Up Enable               | False (0x0)                       | 680 | Internal Pull Up Enable               | False (0x0)                    |
| 675 | GPIO Analog Input Control             | Pin to GPIO (0x0)                 | 681 | GPIO Analog Input Control             | Pin to GPIO (0x0)              |
| 676 | Mapped Event                          | Port 0 Cable Orientation Event    | 682 | Mapped Event                          | Disabled (0x0)                 |
| 677 | GPIO Polarity                         | Direct-mapped Event (0x0)         | 683 | GPIO Polarity                         | Direct-mapped Event (0x0)      |
| 678 | GPIO #8 (SPI MISO)                    |                                   | 684 | GPIO #8 (SPI MISO)                    |                                |
| 679 | Multiplexing for GPIO 8 pin           | Pin Multiplexed to GPIO (0x0)     | 685 | Multiplexing for GPIO 8 pin           | Pin Multiplexed to GPIO (0x0)  |
| 680 | Map Pin to GPIO or Alternate Function | GPIO (0x0)                        | 686 | Map Pin to GPIO or Alternate Function | GPIO (0x0)                     |
| 681 | Output Enable                         | False (0x0)                       | 687 | Output Enable                         | False (0x0)                    |
| 682 | Interrupt Enable                      | False (0x0)                       | 688 | Interrupt Enable                      | False (0x0)                    |
| 683 | Initial Value                         | 0b0 (0x0)                         | 689 | Initial Value                         | 0b0 (0x0)                      |
| 684 | Open Drain Output Enable              | False (0x0)                       | 690 | Open Drain Output Enable              | False (0x0)                    |
| 685 | Internal Pull Down Enable             | False (0x0)                       | 691 | Internal Pull Down Enable             | False (0x0)                    |
| 686 | Internal Pull Up Enable               | False (0x0)                       | 692 | Internal Pull Up Enable               | False (0x0)                    |
| 687 | GPIO Analog Input Control             | Pin to GPIO (0x0)                 | 693 | GPIO Analog Input Control             | Pin to GPIO (0x0)              |
| 688 | Mapped Event                          | Disabled (0x0)                    | 694 | Mapped Event                          | Disabled (0x0)                 |
| 689 | GPIO Polarity                         | Direct-mapped Event (0x0)         | 695 | GPIO Polarity                         | Direct-mapped Event (0x0)      |
| 690 | GPIO #9 (SPI MOSI)                    |                                   | 696 | GPIO #9 (SPI MOSI)                    |                                |
| 691 | Multiplexing for GPIO 9 pin           | Pin Multiplexed to GPIO (0x0)     | 697 | Multiplexing for GPIO 9 pin           | Pin Multiplexed to GPIO (0x0)  |
| 692 | Map Pin to GPIO or Alternate Function | GPIO (0x0)                        | 698 | Map Pin to GPIO or Alternate Function | GPIO (0x0)                     |
| 693 | Output Enable                         | False (0x0)                       | 699 | Output Enable                         | False (0x0)                    |
| 694 | Interrupt Enable                      | False (0x0)                       | 700 | Interrupt Enable                      | False (0x0)                    |

|     |                                       |                                 |     |                                       |                               |
|-----|---------------------------------------|---------------------------------|-----|---------------------------------------|-------------------------------|
| 695 | Initial Value                         | 0b0 (0x0)                       | 701 | Initial Value                         | 0b0 (0x0)                     |
| 696 | Open Drain Output Enable              | False (0x0)                     | 702 | Open Drain Output Enable              | False (0x0)                   |
| 697 | Internal Pull Down Enable             | False (0x0)                     | 703 | Internal Pull Down Enable             | False (0x0)                   |
| 698 | Internal Pull Up Enable               | False (0x0)                     | 704 | Internal Pull Up Enable               | False (0x0)                   |
| 699 | GPIO Analog Input Control             | Pin to GPIO (0x0)               | 705 | GPIO Analog Input Control             | Pin to GPIO (0x0)             |
| 700 | Mapped Event                          | Disabled (0x0)                  | 706 | Mapped Event                          | Disabled (0x0)                |
| 701 | GPIO Polarity                         | Direct-mapped Event (0x0)       | 707 | GPIO Polarity                         | Direct-mapped Event (0x0)     |
| 702 | GPIO #10 (SPI SCLK)                   |                                 | 708 | GPIO #10 (SPI SCLK)                   |                               |
| 703 | Multiplexing for GPIO 10 pin          | Pin Multiplexed to GPIO (0x0)   | 709 | Multiplexing for GPIO 10 pin          | Pin Multiplexed to GPIO (0x0) |
| 704 | Map Pin to GPIO or Alternate Function | GPIO (0x0)                      | 710 | Map Pin to GPIO or Alternate Function | GPIO (0x0)                    |
| 705 | Output Enable                         | False (0x0)                     | 711 | Output Enable                         | False (0x0)                   |
| 706 | Interrupt Enable                      | False (0x0)                     | 712 | Interrupt Enable                      | False (0x0)                   |
| 707 | Initial Value                         | 0b0 (0x0)                       | 713 | Initial Value                         | 0b0 (0x0)                     |
| 708 | Open Drain Output Enable              | False (0x0)                     | 714 | Open Drain Output Enable              | False (0x0)                   |
| 709 | Internal Pull Down Enable             | False (0x0)                     | 715 | Internal Pull Down Enable             | False (0x0)                   |
| 710 | Internal Pull Up Enable               | False (0x0)                     | 716 | Internal Pull Up Enable               | False (0x0)                   |
| 711 | GPIO Analog Input Control             | Pin to GPIO (0x0)               | 717 | GPIO Analog Input Control             | Pin to GPIO (0x0)             |
| 712 | Mapped Event                          | Disabled (0x0)                  | 718 | Mapped Event                          | Disabled (0x0)                |
| 713 | GPIO Polarity                         | Direct-mapped Event (0x0)       | 719 | GPIO Polarity                         | Direct-mapped Event (0x0)     |
| 714 | GPIO #11 (SPI CS)                     |                                 | 720 | GPIO #11 (SPI CS)                     |                               |
| 715 | Multiplexing for GPIO 11 pin          | Pin Multiplexed to GPIO (0x0)   | 721 | Multiplexing for GPIO 11 pin          | Pin Multiplexed to GPIO (0x0) |
| 716 | Map Pin to GPIO or Alternate Function | GPIO (0x0)                      | 722 | Map Pin to GPIO or Alternate Function | GPIO (0x0)                    |
| 717 | Output Enable                         | False (0x0)                     | 723 | Output Enable                         | False (0x0)                   |
| 718 | Interrupt Enable                      | False (0x0)                     | 724 | Interrupt Enable                      | False (0x0)                   |
| 719 | Initial Value                         | 0b0 (0x0)                       | 725 | Initial Value                         | 0b0 (0x0)                     |
| 720 | Open Drain Output Enable              | False (0x0)                     | 726 | Open Drain Output Enable              | False (0x0)                   |
| 721 | Internal Pull Down Enable             | False (0x0)                     | 727 | Internal Pull Down Enable             | False (0x0)                   |
| 722 | Internal Pull Up Enable               | False (0x0)                     | 728 | Internal Pull Up Enable               | False (0x0)                   |
| 723 | GPIO Analog Input Control             | Pin to GPIO (0x0)               | 729 | GPIO Analog Input Control             | Pin to GPIO (0x0)             |
| 724 | Mapped Event                          | Disabled (0x0)                  | 730 | Mapped Event                          | Disabled (0x0)                |
| 725 | GPIO Polarity                         | Direct-mapped Event (0x0)       | 731 | GPIO Polarity                         | Direct-mapped Event (0x0)     |
| 726 | GPIO #12 (SWD CLK)                    |                                 | 732 | GPIO #12 (SWD CLK)                    |                               |
| 727 | Multiplexing for GPIO 12 pin          | Pin Multiplexed to GPIO (0x0)   | 733 | Multiplexing for GPIO 12 pin          | Pin Multiplexed to GPIO (0x0) |
| 728 | Map Pin to GPIO or Alternate Function | GPIO (0x0)                      | 734 | Map Pin to GPIO or Alternate Function | GPIO (0x0)                    |
| 729 | Output Enable                         | True (0x1)                      | 735 | Output Enable                         | False (0x0)                   |
| 730 | Interrupt Enable                      | False (0x0)                     | 736 | Interrupt Enable                      | False (0x0)                   |
| 731 | Initial Value                         | 0b0 (0x0)                       | 737 | Initial Value                         | 0b0 (0x0)                     |
| 732 | Open Drain Output Enable              | False (0x0)                     | 738 | Open Drain Output Enable              | False (0x0)                   |
| 733 | Internal Pull Down Enable             | False (0x0)                     | 739 | Internal Pull Down Enable             | False (0x0)                   |
| 734 | Internal Pull Up Enable               | False (0x0)                     | 740 | Internal Pull Up Enable               | False (0x0)                   |
| 735 | GPIO Analog Input Control             | Pin to GPIO (0x0)               | 741 | GPIO Analog Input Control             | Pin to GPIO (0x0)             |
| 736 | Mapped Event                          | Port 0 Source PDO Negotiated TT | 742 | Mapped Event                          | Disabled (0x0)                |
| 737 | GPIO Polarity                         | Direct-mapped Event (0x0)       | 743 | GPIO Polarity                         | Direct-mapped Event (0x0)     |
| 738 | GPIO #13 (SWD DATA)                   |                                 | 744 | GPIO #13 (SWD DATA)                   |                               |
| 739 | Multiplexing for GPIO 13 pin          | Pin Multiplexed to GPIO (0x0)   | 745 | Multiplexing for GPIO 13 pin          | Pin Multiplexed to GPIO (0x0) |
| 740 | Map Pin to GPIO or Alternate Function | GPIO (0x0)                      | 746 | Map Pin to GPIO or Alternate Function | GPIO (0x0)                    |
| 741 | Output Enable                         | True (0x1)                      | 747 | Output Enable                         | False (0x0)                   |
| 742 | Interrupt Enable                      | False (0x0)                     | 748 | Interrupt Enable                      | False (0x0)                   |
| 743 | Initial Value                         | 0b0 (0x0)                       | 749 | Initial Value                         | 0b0 (0x0)                     |
| 744 | Open Drain Output Enable              | False (0x0)                     | 750 | Open Drain Output Enable              | False (0x0)                   |

|     |                                       |                                 |     |                                       |                                 |
|-----|---------------------------------------|---------------------------------|-----|---------------------------------------|---------------------------------|
| 745 | Internal Pull Down Enable             | False (0x0)                     | 751 | Internal Pull Down Enable             | False (0x0)                     |
| 746 | Internal Pull Up Enable               | False (0x0)                     | 752 | Internal Pull Up Enable               | False (0x0)                     |
| 747 | GPIO Analog Input Control             | Pin to GPIO (0x0)               | 753 | GPIO Analog Input Control             | Pin to GPIO (0x0)               |
| 748 | Mapped Event                          | Port 0 Source PDO Negotiated TT | 754 | Mapped Event                          | Disabled (0x0)                  |
| 749 | GPIO Polarity                         | Direct-mapped Event (0x0)       | 755 | GPIO Polarity                         | Direct-mapped Event (0x0)       |
| 750 | GPIO #14 (PWM1)                       |                                 | 756 | GPIO #14 (PWM1)                       |                                 |
| 751 | Multiplexing for GPIO 14 pin          | Pin Multiplexed to GPIO (0x0)   | 757 | Multiplexing for GPIO 14 pin          | Pin Multiplexed to GPIO (0x0)   |
| 752 | Map Pin to GPIO or Alternate Function | GPIO (0x0)                      | 758 | Map Pin to GPIO or Alternate Function | GPIO (0x0)                      |
| 753 | Output Enable                         | True (0x1)                      | 759 | Output Enable                         | True (0x1)                      |
| 754 | Interrupt Enable                      | False (0x0)                     | 760 | Interrupt Enable                      | False (0x0)                     |
| 755 | Initial Value                         | 0b0 (0x0)                       | 761 | Initial Value                         | 0b0 (0x0)                       |
| 756 | Open Drain Output Enable              | False (0x0)                     | 762 | Open Drain Output Enable              | False (0x0)                     |
| 757 | Internal Pull Down Enable             | False (0x0)                     | 763 | Internal Pull Down Enable             | False (0x0)                     |
| 758 | Internal Pull Up Enable               | False (0x0)                     | 764 | Internal Pull Up Enable               | False (0x0)                     |
| 759 | GPIO Analog Input Control             | Pin to GPIO (0x0)               | 765 | GPIO Analog Input Control             | Pin to GPIO (0x0)               |
| 760 | Mapped Event                          | Port 1 Source PDO Negotiated TT | 766 | Mapped Event                          | Port 0 Source PDO 0 Negotiated  |
| 761 | GPIO Polarity                         | Direct-mapped Event (0x0)       | 767 | GPIO Polarity                         | Direct-mapped Event (0x0)       |
| 762 | GPIO #15 (PWM2)                       |                                 | 768 | GPIO #15 (PWM2)                       |                                 |
| 763 | Multiplexing for GPIO 15 pin          | Pin Multiplexed to GPIO (0x0)   | 769 | Multiplexing for GPIO 15 pin          | Pin Multiplexed to GPIO (0x0)   |
| 764 | Map Pin to GPIO or Alternate Function | GPIO (0x0)                      | 770 | Map Pin to GPIO or Alternate Function | GPIO (0x0)                      |
| 765 | Output Enable                         | True (0x1)                      | 771 | Output Enable                         | True (0x1)                      |
| 766 | Interrupt Enable                      | False (0x0)                     | 772 | Interrupt Enable                      | False (0x0)                     |
| 767 | Initial Value                         | 0b0 (0x0)                       | 773 | Initial Value                         | 0b0 (0x0)                       |
| 768 | Open Drain Output Enable              | False (0x0)                     | 774 | Open Drain Output Enable              | False (0x0)                     |
| 769 | Internal Pull Down Enable             | False (0x0)                     | 775 | Internal Pull Down Enable             | False (0x0)                     |
| 770 | Internal Pull Up Enable               | False (0x0)                     | 776 | Internal Pull Up Enable               | False (0x0)                     |
| 771 | GPIO Analog Input Control             | Pin to GPIO (0x0)               | 777 | GPIO Analog Input Control             | Pin to GPIO (0x0)               |
| 772 | Mapped Event                          | Port 1 Source PDO Negotiated TT | 778 | Mapped Event                          | Port 0 Source PDO 1 Negotiated  |
| 773 | GPIO Polarity                         | Direct-mapped Event (0x0)       | 779 | GPIO Polarity                         | Direct-mapped Event (0x0)       |
| 774 | GPIO #16 (PP3)                        |                                 | 780 | GPIO #16 (PP3)                        |                                 |
| 775 | Multiplexing for GPIO 16 pin          | Pin Multiplexed to Alternate Fu | 781 | Multiplexing for GPIO 16 pin          | Pin Multiplexed to Alternate Fu |
| 776 | Map Pin to GPIO or Alternate Function | PP3 (0x1)                       | 782 | Map Pin to GPIO or Alternate Function | PP3 (0x1)                       |
| 777 | Output Enable                         | False (0x0)                     | 783 | Output Enable                         | False (0x0)                     |
| 778 | Interrupt Enable                      | False (0x0)                     | 784 | Interrupt Enable                      | False (0x0)                     |
| 779 | Initial Value                         | 0b0 (0x0)                       | 785 | Initial Value                         | 0b0 (0x0)                       |
| 780 | Open Drain Output Enable              | False (0x0)                     | 786 | Open Drain Output Enable              | False (0x0)                     |
| 781 | Internal Pull Down Enable             | False (0x0)                     | 787 | Internal Pull Down Enable             | False (0x0)                     |
| 782 | Internal Pull Up Enable               | False (0x0)                     | 788 | Internal Pull Up Enable               | False (0x0)                     |
| 783 | GPIO Analog Input Control             | Pin to GPIO (0x0)               | 789 | GPIO Analog Input Control             | Pin to GPIO (0x0)               |
| 784 | Mapped Event                          | Disabled (0x0)                  | 790 | Mapped Event                          | Disabled (0x0)                  |
| 785 | GPIO Polarity                         | Direct-mapped Event (0x0)       | 791 | GPIO Polarity                         | Direct-mapped Event (0x0)       |
| 786 | GPIO #17 (PP4)                        |                                 | 792 | GPIO #17                              |                                 |
| 787 | Multiplexing for GPIO 17 pin          | Pin Multiplexed to Alternate Fu | 793 | Multiplexing for GPIO 17 pin          | Pin Multiplexed to GPIO (0x0)   |
| 788 | Map Pin to GPIO or Alternate Function | PP4 (0x1)                       | 794 | Map Pin to GPIO or Alternate Function | GPIO (0x0)                      |
| 789 | Output Enable                         | False (0x0)                     | 795 | Output Enable                         | True (0x1)                      |
| 790 | Interrupt Enable                      | False (0x0)                     | 796 | Interrupt Enable                      | False (0x0)                     |
| 791 | Initial Value                         | 0b0 (0x0)                       | 797 | Initial Value                         | 0b0 (0x0)                       |
| 792 | Open Drain Output Enable              | False (0x0)                     | 798 | Open Drain Output Enable              | False (0x0)                     |
| 793 | Internal Pull Down Enable             | False (0x0)                     | 799 | Internal Pull Down Enable             | False (0x0)                     |
| 794 | Internal Pull Up Enable               | False (0x0)                     | 800 | Internal Pull Up Enable               | False (0x0)                     |

|     |                                       |                               |     |                                       |                                |
|-----|---------------------------------------|-------------------------------|-----|---------------------------------------|--------------------------------|
| 795 | GPIO Analog Input Control             | Pin to GPIO (0x0)             | 801 | GPIO Analog Input Control             | Pin to GPIO (0x0)              |
| 796 | Mapped Event                          | Disabled (0x0)                | 802 | Mapped Event                          | Port 0 Source PDO 2 Negotiated |
| 797 | GPIO Polarity                         | Direct-mapped Event (0x0)     | 803 | GPIO Polarity                         | Direct-mapped Event (0x0)      |
| 798 | GPIO #18                              |                               | 804 | GPIO #18                              |                                |
| 799 | Multiplexing for GPIO 18 pin          | Pin Multiplexed to GPIO (0x0) | 805 | Multiplexing for GPIO 18 pin          | Pin Multiplexed to GPIO (0x0)  |
| 800 | Map Pin to GPIO or Alternate Function | GPIO (0x0)                    | 806 | Map Pin to GPIO or Alternate Function | GPIO (0x0)                     |
| 801 | Output Enable                         | False (0x0)                   | 807 | Output Enable                         | False (0x0)                    |
| 802 | Interrupt Enable                      | False (0x0)                   | 808 | Interrupt Enable                      | False (0x0)                    |
| 803 | Initial Value                         | 0b0 (0x0)                     | 809 | Initial Value                         | 0b0 (0x0)                      |
| 804 | Open Drain Output Enable              | False (0x0)                   | 810 | Open Drain Output Enable              | False (0x0)                    |
| 805 | Internal Pull Down Enable             | False (0x0)                   | 811 | Internal Pull Down Enable             | False (0x0)                    |
| 806 | Internal Pull Up Enable               | False (0x0)                   | 812 | Internal Pull Up Enable               | False (0x0)                    |
| 807 | GPIO Analog Input Control             | Reserved, Set 0 (0x0)         | 813 | GPIO Analog Input Control             | Reserved, Set 0 (0x0)          |
| 808 | Mapped Event                          | Disabled (0x0)                | 814 | Mapped Event                          | Disabled (0x0)                 |
| 809 | GPIO Polarity                         | Direct-mapped Event (0x0)     | 815 | GPIO Polarity                         | Direct-mapped Event (0x0)      |
| 810 | GPIO #19                              |                               | 816 | GPIO #19                              |                                |
| 811 | Multiplexing for GPIO 19 pin          | Pin Multiplexed to GPIO (0x0) | 817 | Multiplexing for GPIO 19 pin          | Pin Multiplexed to GPIO (0x0)  |
| 812 | Map Pin to GPIO or Alternate Function | GPIO (0x0)                    | 818 | Map Pin to GPIO or Alternate Function | GPIO (0x0)                     |
| 813 | Output Enable                         | False (0x0)                   | 819 | Output Enable                         | False (0x0)                    |
| 814 | Interrupt Enable                      | False (0x0)                   | 820 | Interrupt Enable                      | False (0x0)                    |
| 815 | Initial Value                         | 0b0 (0x0)                     | 821 | Initial Value                         | 0b0 (0x0)                      |
| 816 | Open Drain Output Enable              | False (0x0)                   | 822 | Open Drain Output Enable              | False (0x0)                    |
| 817 | Internal Pull Down Enable             | False (0x0)                   | 823 | Internal Pull Down Enable             | False (0x0)                    |
| 818 | Internal Pull Up Enable               | False (0x0)                   | 824 | Internal Pull Up Enable               | False (0x0)                    |
| 819 | GPIO Analog Input Control             | Reserved, Set 0 (0x0)         | 825 | GPIO Analog Input Control             | Reserved, Set 0 (0x0)          |
| 820 | Mapped Event                          | Disabled (0x0)                | 826 | Mapped Event                          | Disabled (0x0)                 |
| 821 | GPIO Polarity                         | Direct-mapped Event (0x0)     | 827 | GPIO Polarity                         | Direct-mapped Event (0x0)      |
| 822 | GPIO #20                              |                               | 828 | GPIO #20                              |                                |
| 823 | Multiplexing for GPIO 20 pin          | Pin Multiplexed to GPIO (0x0) | 829 | Multiplexing for GPIO 20 pin          | Pin Multiplexed to GPIO (0x0)  |
| 824 | Map Pin to GPIO or Alternate Function | GPIO (0x0)                    | 830 | Map Pin to GPIO or Alternate Function | GPIO (0x0)                     |
| 825 | Output Enable                         | False (0x0)                   | 831 | Output Enable                         | False (0x0)                    |
| 826 | Interrupt Enable                      | False (0x0)                   | 832 | Interrupt Enable                      | False (0x0)                    |
| 827 | Initial Value                         | 0b0 (0x0)                     | 833 | Initial Value                         | 0b0 (0x0)                      |
| 828 | Open Drain Output Enable              | False (0x0)                   | 834 | Open Drain Output Enable              | False (0x0)                    |
| 829 | Internal Pull Down Enable             | False (0x0)                   | 835 | Internal Pull Down Enable             | False (0x0)                    |
| 830 | Internal Pull Up Enable               | False (0x0)                   | 836 | Internal Pull Up Enable               | False (0x0)                    |
| 831 | GPIO Analog Input Control             | Reserved, Set 0 (0x0)         | 837 | GPIO Analog Input Control             | Reserved, Set 0 (0x0)          |
| 832 | Mapped Event                          | Disabled (0x0)                | 838 | Mapped Event                          | Disabled (0x0)                 |
| 833 | GPIO Polarity                         | Direct-mapped Event (0x0)     | 839 | GPIO Polarity                         | Direct-mapped Event (0x0)      |
| 834 | GPIO #21                              |                               | 840 | GPIO #21                              |                                |
| 835 | Multiplexing for GPIO 21 pin          | Pin Multiplexed to GPIO (0x0) | 841 | Multiplexing for GPIO 21 pin          | Pin Multiplexed to GPIO (0x0)  |
| 836 | Map Pin to GPIO or Alternate Function | GPIO (0x0)                    | 842 | Map Pin to GPIO or Alternate Function | GPIO (0x0)                     |
| 837 | Output Enable                         | False (0x0)                   | 843 | Output Enable                         | False (0x0)                    |
| 838 | Interrupt Enable                      | False (0x0)                   | 844 | Interrupt Enable                      | False (0x0)                    |
| 839 | Initial Value                         | 0b0 (0x0)                     | 845 | Initial Value                         | 0b1 (0x1)                      |
| 840 | Open Drain Output Enable              | False (0x0)                   | 846 | Open Drain Output Enable              | True (0x1)                     |
| 841 | Internal Pull Down Enable             | False (0x0)                   | 847 | Internal Pull Down Enable             | False (0x0)                    |
| 842 | Internal Pull Up Enable               | False (0x0)                   | 848 | Internal Pull Up Enable               | False (0x0)                    |
| 843 | GPIO Analog Input Control             | Reserved, Set 0 (0x0)         | 849 | GPIO Analog Input Control             | Reserved, Set 0 (0x0)          |
| 844 | Mapped Event                          | Disabled (0x0)                | 850 | Mapped Event                          | Disabled (0x0)                 |

|     |                                               |                           |     |                                               |                           |
|-----|-----------------------------------------------|---------------------------|-----|-----------------------------------------------|---------------------------|
| 845 | GPIO Polarity                                 | Direct-mapped Event (0x0) | 851 | GPIO Polarity                                 | Direct-mapped Event (0x0) |
| 846 |                                               |                           | 852 |                                               |                           |
| 847 | App Config Binary Data Indices (0x62) - (0x0) |                           | 853 | App Config Binary Data Indices (0x62) - (0x0) |                           |
| 848 | App Config Binary Data Indices                |                           | 854 | App Config Binary Data Indices                |                           |
| 849 | Country Codes Start Index                     | 0 (0x0)                   | 855 | Country Codes Start Index                     | 0 (0x0)                   |
| 850 | Country Codes Number of Indices               | 0 (0x0)                   | 856 | Country Codes Number of Indices               | 0 (0x0)                   |
| 851 | Common I2C Record Start Index                 | 0 (0x0)                   | 857 | Common I2C Record Start Index                 | 0 (0x0)                   |
| 852 | Common I2C Record Number of Indices           | 0 (0x0)                   | 858 | Common I2C Record Number of Indices           | 0 (0x0)                   |
| 853 | Port 1 I2C Record Start Index                 | 0 (0x0)                   | 859 | Port 1 I2C Record Start Index                 | 0 (0x0)                   |
| 854 | Port 1 I2C Record Number of Indices           | 0 (0x0)                   | 860 | Port 1 I2C Record Number of Indices           | 0 (0x0)                   |
| 855 | Port 2 I2C Record Start Index                 | 0 (0x0)                   | 861 | Port 2 I2C Record Start Index                 | 0 (0x0)                   |
| 856 | Port 2 I2C Record Number of Indices           | 0 (0x0)                   | 862 | Port 2 I2C Record Number of Indices           | 0 (0x0)                   |
| 857 | Future Use 1                                  | 0 (0x0)                   | 863 | Future Use 1                                  | 0 (0x0)                   |
| 858 | Future Use 2                                  | 0 (0x0)                   | 864 | Future Use 2                                  | 0 (0x0)                   |
| 859 |                                               |                           | 865 |                                               |                           |
| 860 | I2C Master Configuration (0x64) - (0x0)       |                           | 866 | I2C Master Configuration (0x64) - (0x0)       |                           |
| 861 | Slave Address Configuration                   |                           | 867 | Slave Address Configuration                   |                           |
| 862 | Slave 1 Configuration                         |                           | 868 | Slave 1 Configuration                         |                           |
| 863 | Slave 1 I2C Address                           | 0x0 (0x0)                 | 869 | Slave 1 I2C Address                           | 0x0 (0x0)                 |
| 864 | Slave 1 Master Selection                      | I2C1 (0x0)                | 870 | Slave 1 Master Selection                      | I2C1 (0x0)                |
| 865 | Slave 2 Configuration                         |                           | 871 | Slave 2 Configuration                         |                           |
| 866 | Slave 2 I2C Address                           | 0x0 (0x0)                 | 872 | Slave 2 I2C Address                           | 0x0 (0x0)                 |
| 867 | Slave 2 Master Selection                      | I2C1 (0x0)                | 873 | Slave 2 Master Selection                      | I2C1 (0x0)                |
| 868 | Slave 3 Configuration                         |                           | 874 | Slave 3 Configuration                         |                           |
| 869 | Slave 3 I2C Address                           | 0x0 (0x0)                 | 875 | Slave 3 I2C Address                           | 0x0 (0x0)                 |
| 870 | Slave 3 Master Selection                      | I2C1 (0x0)                | 876 | Slave 3 Master Selection                      | I2C1 (0x0)                |
| 871 | Slave 4 Configuration                         |                           | 877 | Slave 4 Configuration                         |                           |
| 872 | Slave 4 I2C Address                           | 0x0 (0x0)                 | 878 | Slave 4 I2C Address                           | 0x0 (0x0)                 |
| 873 | Slave 4 Master Selection                      | I2C1 (0x0)                | 879 | Slave 4 Master Selection                      | I2C1 (0x0)                |
| 874 | Slave 5 Configuration                         |                           | 880 | Slave 5 Configuration                         |                           |
| 875 | Slave 5 I2C Address                           | 0x0 (0x0)                 | 881 | Slave 5 I2C Address                           | 0x0 (0x0)                 |
| 876 | Slave 5 Master Selection                      | I2C1 (0x0)                | 882 | Slave 5 Master Selection                      | I2C1 (0x0)                |
| 877 | Slave 6 Configuration                         |                           | 883 | Slave 6 Configuration                         |                           |
| 878 | Slave 6 I2C Address                           | 0x0 (0x0)                 | 884 | Slave 6 I2C Address                           | 0x0 (0x0)                 |
| 879 | Slave 6 Master Selection                      | I2C1 (0x0)                | 885 | Slave 6 Master Selection                      | I2C1 (0x0)                |
| 880 | Slave 7 Configuration                         |                           | 886 | Slave 7 Configuration                         |                           |
| 881 | Slave 7 I2C Address                           | 0x0 (0x0)                 | 887 | Slave 7 I2C Address                           | 0x0 (0x0)                 |
| 882 | Slave 7 Master Selection                      | I2C1 (0x0)                | 888 | Slave 7 Master Selection                      | I2C1 (0x0)                |
| 883 | Slave 8 Configuration                         |                           | 889 | Slave 8 Configuration                         |                           |
| 884 | Slave 8 I2C Address                           | 0x0 (0x0)                 | 890 | Slave 8 I2C Address                           | 0x0 (0x0)                 |
| 885 | Slave 8 Master Selection                      | I2C1 (0x0)                | 891 | Slave 8 Master Selection                      | I2C1 (0x0)                |
| 886 | Redriver 1 Configuration                      |                           | 892 | Redriver 1 Configuration                      |                           |
| 887 | Redriver 1 I2C Address                        | 0x0 (0x0)                 | 893 | Redriver 1 I2C Address                        | 0x0 (0x0)                 |
| 888 | Redriver 1 Master Selection                   | I2C1 (0x0)                | 894 | Redriver 1 Master Selection                   | I2C1 (0x0)                |
| 889 | Redriver 2 Configuration                      |                           | 895 | Redriver 2 Configuration                      |                           |
| 890 | Redriver 2 I2C Address                        | 0x0 (0x0)                 | 896 | Redriver 2 I2C Address                        | 0x0 (0x0)                 |
| 891 | Redriver 2 Master Selection                   | I2C1 (0x0)                | 897 | Redriver 2 Master Selection                   | I2C1 (0x0)                |
| 892 |                                               |                           | 898 |                                               |                           |
| 893 | App configuration Register (0x6c) - (0x0)     |                           | 899 | HW control Register (0x6b) - (0x0)            |                           |
|     |                                               |                           | 900 | HW control                                    |                           |

|     |                                                        |                |  |     |                                                                               |                        |  |
|-----|--------------------------------------------------------|----------------|--|-----|-------------------------------------------------------------------------------|------------------------|--|
|     |                                                        |                |  | 901 | PWM enable                                                                    |                        |  |
|     |                                                        |                |  | 902 | Enable of PWM1                                                                | False (0x0)            |  |
|     |                                                        |                |  | 903 | PWM1 clock source                                                             | 100 kHz (0x0)          |  |
|     |                                                        |                |  | 904 | PWM1 clock period                                                             | 0 (0x0)                |  |
|     |                                                        |                |  | 905 | PWM1 pulse width                                                              | 0 (0x0)                |  |
|     |                                                        |                |  | 906 | PWM 2                                                                         |                        |  |
|     |                                                        |                |  | 907 | Enable of PWM2                                                                | False (0x0)            |  |
|     |                                                        |                |  | 908 | PWM2 clock source                                                             | 100 kHz (0x0)          |  |
|     |                                                        |                |  | 909 | PWM2 clock period                                                             | 0 (0x0)                |  |
|     |                                                        |                |  | 910 | PWM2 pulse width                                                              | 0 (0x0)                |  |
|     |                                                        |                |  | 911 | RCP mode                                                                      |                        |  |
|     |                                                        |                |  | 912 | PP1 Src RCP mode enable                                                       | Comparator Mode (0x0)  |  |
|     |                                                        |                |  | 913 | PP1 Snk RCP mode enable                                                       | Ideal Diode Mode (0x0) |  |
|     |                                                        |                |  | 914 | PP2 Src RCP mode enable                                                       | Comparator Mode (0x0)  |  |
|     |                                                        |                |  | 915 | PP2 Snk RCP mode enable                                                       | Ideal Diode Mode (0x0) |  |
|     |                                                        |                |  | 916 |                                                                               |                        |  |
|     |                                                        |                |  | 917 | App configuration Register (0x6c) - (0x444d4321444d432143725353444d4321020200 |                        |  |
| 894 | App configuration                                      |                |  | 918 | App configuration                                                             |                        |  |
| 895 | App Config Group 1 Settings                            |                |  | 919 | App Config Group 1 Settings                                                   |                        |  |
| 896 | App Config Mask, GPIO High Transition or User AM Enter | None (0x0)     |  | 920 | App Config Mask, GPIO High Transition or User AM Enter                        | 0x2 (0x2)              |  |
| 897 | App Config Mask, GPIO Low Transition or User AM Exit   | None (0x0)     |  | 921 | App Config Mask, GPIO Low Transition or User AM Exit                          | 0x0 (0x0)              |  |
| 898 | Command Channel to use for Command (not Task) Slot     | CMD1 (0x08) (0 |  | 922 | Command Channel to use for Command (not Task) Slot                            | CMD3 (0x1E) (0         |  |
| 899 | Command Channel to use for Command or Task Slot        | CMD1 (0x08) (0 |  | 923 | Command Channel to use for Command or Task Slot                               | CMD3 (0x1E) (0         |  |
| 900 | Alt Mode Entry / GPIO High 4CC Command (not Task)      | Unknown (0x0)  |  | 924 | Alt Mode Entry / GPIO High 4CC Command (not Task)                             | !CMD (0x444d43         |  |
| 901 | Alt Mode Entry / GPIO High 4CC Command or Task         | Unknown (0x0)  |  | 925 | Alt Mode Entry / GPIO High 4CC Command or Task                                | SSrC (0x437253         |  |
| 902 | Alt Mode Exit / GPIO Low 4CC Command (not Task)        | Unknown (0x0)  |  | 926 | Alt Mode Exit / GPIO Low 4CC Command (not Task)                               | !CMD (0x444d43         |  |
| 903 | Alt Mode Exit / GPIO Low 4CC Command or Task           | Unknown (0x0)  |  | 927 | Alt Mode Exit / GPIO Low 4CC Command or Task                                  | !CMD (0x444d43         |  |
| 904 | App Config Group 2 Settings                            |                |  | 928 | App Config Group 2 Settings                                                   |                        |  |
| 905 | App Config Mask, GPIO High Transition or User AM Enter | None (0x0)     |  | 929 | App Config Mask, GPIO High Transition or User AM Enter                        | 0x4 (0x4)              |  |
| 906 | App Config Mask, GPIO Low Transition or User AM Exit   | None (0x0)     |  | 930 | App Config Mask, GPIO Low Transition or User AM Exit                          | 0x0 (0x0)              |  |
| 907 | Command Channel to use for Command (not Task) Slot     | CMD1 (0x08) (0 |  | 931 | Command Channel to use for Command (not Task) Slot                            | CMD3 (0x1E) (0         |  |
| 908 | Command Channel to use for Command or Task Slot        | CMD1 (0x08) (0 |  | 932 | Command Channel to use for Command or Task Slot                               | CMD3 (0x1E) (0         |  |
| 909 | Alt Mode Entry / GPIO High 4CC Command (not Task)      | Unknown (0x0)  |  | 933 | Alt Mode Entry / GPIO High 4CC Command (not Task)                             | !CMD (0x444d43         |  |
| 910 | Alt Mode Entry / GPIO High 4CC Command or Task         | Unknown (0x0)  |  | 934 | Alt Mode Entry / GPIO High 4CC Command or Task                                | SSrC (0x437253         |  |
| 911 | Alt Mode Exit / GPIO Low 4CC Command (not Task)        | Unknown (0x0)  |  | 935 | Alt Mode Exit / GPIO Low 4CC Command (not Task)                               | !CMD (0x444d43         |  |
| 912 | Alt Mode Exit / GPIO Low 4CC Command or Task           | Unknown (0x0)  |  | 936 | Alt Mode Exit / GPIO Low 4CC Command or Task                                  | !CMD (0x444d43         |  |
| 913 | App Config Group 3 Settings                            |                |  | 937 | App Config Group 3 Settings                                                   |                        |  |
| 914 | App Config Mask, GPIO High Transition or User AM Enter | None (0x0)     |  | 938 | App Config Mask, GPIO High Transition or User AM Enter                        | 0x8 (0x8)              |  |
| 915 | App Config Mask, GPIO Low Transition or User AM Exit   | None (0x0)     |  | 939 | App Config Mask, GPIO Low Transition or User AM Exit                          | 0x0 (0x0)              |  |
| 916 | Command Channel to use for Command (not Task) Slot     | CMD1 (0x08) (0 |  | 940 | Command Channel to use for Command (not Task) Slot                            | CMD3 (0x1E) (0         |  |
| 917 | Command Channel to use for Command or Task Slot        | CMD1 (0x08) (0 |  | 941 | Command Channel to use for Command or Task Slot                               | CMD3 (0x1E) (0         |  |
| 918 | Alt Mode Entry / GPIO High 4CC Command (not Task)      | Unknown (0x0)  |  | 942 | Alt Mode Entry / GPIO High 4CC Command (not Task)                             | !CMD (0x444d43         |  |
| 919 | Alt Mode Entry / GPIO High 4CC Command or Task         | Unknown (0x0)  |  | 943 | Alt Mode Entry / GPIO High 4CC Command or Task                                | SSrC (0x437253         |  |
| 920 | Alt Mode Exit / GPIO Low 4CC Command (not Task)        | Unknown (0x0)  |  | 944 | Alt Mode Exit / GPIO Low 4CC Command (not Task)                               | !CMD (0x444d43         |  |
| 921 | Alt Mode Exit / GPIO Low 4CC Command or Task           | Unknown (0x0)  |  | 945 | Alt Mode Exit / GPIO Low 4CC Command or Task                                  | !CMD (0x444d43         |  |
| 922 |                                                        |                |  | 946 |                                                                               |                        |  |
| 923 | Sleep Control Register (0x70) - (0x0)                  |                |  | 947 | Sleep Control Register (0x70) - (0x0)                                         |                        |  |
| 924 | Sleep Control Register                                 |                |  | 948 | Sleep Control Register                                                        |                        |  |
| 925 | Sleep Mode Allowed                                     | False (0x0)    |  | 949 | Sleep Mode Allowed                                                            | False (0x0)            |  |
| 926 | Delay 100 mS Before Sleep                              | False (0x0)    |  | 950 | Delay 100 mS Before Sleep                                                     | False (0x0)            |  |



|      |                                        |             |
|------|----------------------------------------|-------------|
| 977  | Internal Battery Present               | False (0x0) |
| 978  | Number of Batteries                    |             |
| 979  | Number of Fixed Batteries              | 0 (0x0)     |
| 980  | Number of Hot-swappable Batteries      | 0 (0x0)     |
| 981  | Holdup Time                            | 0x0 (0x0)   |
| 982  | Source PD Power                        | 45 W (0x2d) |
| 983  |                                        |             |
| 984  | Tx Battery Capabilities (0x7d) - (0x0) |             |
| 985  | Tx Battery Capabilities                |             |
| 986  | Fixed Battery #1 Capabilities          |             |
| 987  | Vendor ID                              | 0x0 (0x0)   |
| 988  | Product ID                             | 0x0 (0x0)   |
| 989  | Battery Design Capacity                | 0x0 (0x0)   |
| 990  | Battery Last Full Charge Capacity      | 0x0 (0x0)   |
| 991  | Battery Type                           | 0x0 (0x0)   |
| 992  | Fixed Battery #2 Capabilities          |             |
| 993  | Vendor ID                              | 0x0 (0x0)   |
| 994  | Product ID                             | 0x0 (0x0)   |
| 995  | Battery Design Capacity                | 0x0 (0x0)   |
| 996  | Battery Last Full Charge Capacity      | 0x0 (0x0)   |
| 997  | Battery Type                           | 0x0 (0x0)   |
| 998  | Fixed Battery #3 Capabilities          |             |
| 999  | Vendor ID                              | 0x0 (0x0)   |
| 1000 | Product ID                             | 0x0 (0x0)   |
| 1001 | Battery Design Capacity                | 0x0 (0x0)   |
| 1002 | Battery Last Full Charge Capacity      | 0x0 (0x0)   |
| 1003 | Battery Type                           | 0x0 (0x0)   |
| 1004 | Fixed Battery #4 Capabilities          |             |
| 1005 | Vendor ID                              | 0x0 (0x0)   |
| 1006 | Product ID                             | 0x0 (0x0)   |
| 1007 | Battery Design Capacity                | 0x0 (0x0)   |
| 1008 | Battery Last Full Charge Capacity      | 0x0 (0x0)   |
| 1009 | Battery Type                           | 0x0 (0x0)   |
| 1010 | Hot-Pluggable Battery #1 Capabilities  |             |
| 1011 | Vendor ID                              | 0x0 (0x0)   |
| 1012 | Product ID                             | 0x0 (0x0)   |
| 1013 | Battery Design Capacity                | 0x0 (0x0)   |
| 1014 | Battery Last Full Charge Capacity      | 0x0 (0x0)   |
| 1015 | Battery Type                           | 0x0 (0x0)   |
| 1016 | Hot-Pluggable Battery #2 Capabilities  |             |
| 1017 | Vendor ID                              | 0x0 (0x0)   |
| 1018 | Product ID                             | 0x0 (0x0)   |
| 1019 | Battery Design Capacity                | 0x0 (0x0)   |
| 1020 | Battery Last Full Charge Capacity      | 0x0 (0x0)   |
| 1021 | Battery Type                           | 0x0 (0x0)   |
| 1022 | Hot-Pluggable Battery #3 Capabilities  |             |
| 1023 | Vendor ID                              | 0x0 (0x0)   |
| 1024 | Product ID                             | 0x0 (0x0)   |
| 1025 | Battery Design Capacity                | 0x0 (0x0)   |
| 1026 | Battery Last Full Charge Capacity      | 0x0 (0x0)   |

|      |                                        |             |
|------|----------------------------------------|-------------|
| 1001 | Internal Battery Present               | False (0x0) |
| 1002 | Number of Batteries                    |             |
| 1003 | Number of Fixed Batteries              | 0 (0x0)     |
| 1004 | Number of Hot-swappable Batteries      | 0 (0x0)     |
| 1005 | Holdup Time                            | 0x0 (0x0)   |
| 1006 | Source PD Power                        | 15 W (0xf)  |
| 1007 |                                        |             |
| 1008 | Tx Battery Capabilities (0x7d) - (0x0) |             |
| 1009 | Tx Battery Capabilities                |             |
| 1010 | Fixed Battery #1 Capabilities          |             |
| 1011 | Vendor ID                              | 0x0 (0x0)   |
| 1012 | Product ID                             | 0x0 (0x0)   |
| 1013 | Battery Design Capacity                | 0x0 (0x0)   |
| 1014 | Battery Last Full Charge Capacity      | 0x0 (0x0)   |
| 1015 | Battery Type                           | 0x0 (0x0)   |
| 1016 | Fixed Battery #2 Capabilities          |             |
| 1017 | Vendor ID                              | 0x0 (0x0)   |
| 1018 | Product ID                             | 0x0 (0x0)   |
| 1019 | Battery Design Capacity                | 0x0 (0x0)   |
| 1020 | Battery Last Full Charge Capacity      | 0x0 (0x0)   |
| 1021 | Battery Type                           | 0x0 (0x0)   |
| 1022 | Fixed Battery #3 Capabilities          |             |
| 1023 | Vendor ID                              | 0x0 (0x0)   |
| 1024 | Product ID                             | 0x0 (0x0)   |
| 1025 | Battery Design Capacity                | 0x0 (0x0)   |
| 1026 | Battery Last Full Charge Capacity      | 0x0 (0x0)   |
| 1027 | Battery Type                           | 0x0 (0x0)   |
| 1028 | Fixed Battery #4 Capabilities          |             |
| 1029 | Vendor ID                              | 0x0 (0x0)   |
| 1030 | Product ID                             | 0x0 (0x0)   |
| 1031 | Battery Design Capacity                | 0x0 (0x0)   |
| 1032 | Battery Last Full Charge Capacity      | 0x0 (0x0)   |
| 1033 | Battery Type                           | 0x0 (0x0)   |
| 1034 | Hot-Pluggable Battery #1 Capabilities  |             |
| 1035 | Vendor ID                              | 0x0 (0x0)   |
| 1036 | Product ID                             | 0x0 (0x0)   |
| 1037 | Battery Design Capacity                | 0x0 (0x0)   |
| 1038 | Battery Last Full Charge Capacity      | 0x0 (0x0)   |
| 1039 | Battery Type                           | 0x0 (0x0)   |
| 1040 | Hot-Pluggable Battery #2 Capabilities  |             |
| 1041 | Vendor ID                              | 0x0 (0x0)   |
| 1042 | Product ID                             | 0x0 (0x0)   |
| 1043 | Battery Design Capacity                | 0x0 (0x0)   |
| 1044 | Battery Last Full Charge Capacity      | 0x0 (0x0)   |
| 1045 | Battery Type                           | 0x0 (0x0)   |
| 1046 | Hot-Pluggable Battery #3 Capabilities  |             |
| 1047 | Vendor ID                              | 0x0 (0x0)   |
| 1048 | Product ID                             | 0x0 (0x0)   |
| 1049 | Battery Design Capacity                | 0x0 (0x0)   |
| 1050 | Battery Last Full Charge Capacity      | 0x0 (0x0)   |

|      |                                                                                          |           |      |                                                                         |           |
|------|------------------------------------------------------------------------------------------|-----------|------|-------------------------------------------------------------------------|-----------|
| 1027 | Battery Type                                                                             | 0x0 (0x0) | 1051 | Battery Type                                                            | 0x0 (0x0) |
| 1028 |                                                                                          |           | 1052 |                                                                         |           |
| 1029 | Tx Manufacturer Info SOP Prime (0x7f) - (0x0)                                            |           | 1053 | Tx Manufacturer Info SOP Prime (0x7f) - (0x0)                           |           |
| 1030 | Tx Manufacturer Info SOP                                                                 |           | 1054 | Tx Manufacturer Info SOP                                                |           |
| 1031 | Vendor ID                                                                                | 0x0 (0x0) | 1055 | Vendor ID                                                               | 0x0 (0x0) |
| 1032 | Product ID                                                                               | 0x0 (0x0) | 1056 | Product ID                                                              | 0x0 (0x0) |
| 1033 | Manufacturer String                                                                      | 0x0 (0x0) | 1057 | Manufacturer String                                                     | 0x0 (0x0) |
| 1034 | PK(03)(04)(14)(00)(00)(00)(00)(00)š{Óv(07)S†ð(00)(00)ð(00)(00)\$00(00)(00)Device 1, port |           | 1058 | PK(03)(04)(14)(00)(00)(00)(00)(00)C Óvß{â>                              |           |
|      |                                                                                          |           | 1059 | ®(00)(00)                                                               |           |
|      |                                                                                          |           | 1060 | ®(00)(00)\$00(00)(00)Device 1, port 1 Debug Registers.txt               |           |
| 1035 | Mode (0x3) - (0x20505041)                                                                |           | 1061 | Mode (0x3) - (0x20505041)                                               |           |
| 1036 | Mode                                                                                     |           | 1062 | Mode                                                                    |           |
| 1037 | Mode APP (0x20505041)                                                                    |           | 1063 | Mode APP (0x20505041)                                                   |           |
| 1038 |                                                                                          |           | 1064 |                                                                         |           |
| 1039 | UID (0x5) - (0x15bfe7b19f1848b38accf2de7072e7cc)                                         |           | 1065 | UID (0x5) - (0xb793944f8ad541a49181520b8034fa78)                        |           |
| 1040 | UID                                                                                      |           | 1066 | UID                                                                     |           |
| 1041 | UID 0x15bfe7b19f1848b38accf2de7072e7cc (0x15bfe7b19f1848b38accf2de7072e                  |           | 1067 | UID 0xb793944f8ad541a49181520b8034fa78 (0xb793944f8ad541a49181520b8034f |           |
|      |                                                                                          |           | 1068 |                                                                         |           |
|      |                                                                                          |           | 1069 | Version (0xf) - (0xf7071090)                                            |           |
|      |                                                                                          |           | 1070 | Version                                                                 |           |
|      |                                                                                          |           | 1071 | Version 0xf7071090 (0xf7071090)                                         |           |
| 1042 |                                                                                          |           | 1072 |                                                                         |           |
| 1043 | Command Register for CMD1 (0x8) - (0x0)                                                  |           | 1073 | Command Register for CMD1 (0x8) - (0x0)                                 |           |
| 1044 | Command Register for CMD1                                                                |           | 1074 | Command Register for CMD1                                               |           |
| 1045 | 4cc Command (0x0)                                                                        |           | 1075 | 4cc Command (0x0)                                                       |           |
| 1046 |                                                                                          |           | 1076 |                                                                         |           |
| 1047 | Data Register for CMD1 (0x9) - (0x3)                                                     |           | 1077 | Data Register for CMD1 (0x9) - (0x0)                                    |           |
| 1048 | Data Register for CMD1                                                                   |           | 1078 | Data Register for CMD1                                                  |           |
| 1049 | Word 1 (Least Significant)                                                               | 0x3 (0x3) | 1079 | Word 1 (Least Significant)                                              | 0x0 (0x0) |
| 1050 | Word 2                                                                                   | 0x0 (0x0) | 1080 | Word 2                                                                  | 0x0 (0x0) |
| 1051 | Word 3                                                                                   | 0x0 (0x0) | 1081 | Word 3                                                                  | 0x0 (0x0) |
| 1052 | Word 4                                                                                   | 0x0 (0x0) | 1082 | Word 4                                                                  | 0x0 (0x0) |
| 1053 | Word 5                                                                                   | 0x0 (0x0) | 1083 | Word 5                                                                  | 0x0 (0x0) |
| 1054 | Word 6                                                                                   | 0x0 (0x0) | 1084 | Word 6                                                                  | 0x0 (0x0) |
| 1055 | Word 7                                                                                   | 0x0 (0x0) | 1085 | Word 7                                                                  | 0x0 (0x0) |
| 1056 | Word 8                                                                                   | 0x0 (0x0) | 1086 | Word 8                                                                  | 0x0 (0x0) |
| 1057 | Word 9                                                                                   | 0x0 (0x0) | 1087 | Word 9                                                                  | 0x0 (0x0) |
| 1058 | Word 10                                                                                  | 0x0 (0x0) | 1088 | Word 10                                                                 | 0x0 (0x0) |
| 1059 | Word 11                                                                                  | 0x0 (0x0) | 1089 | Word 11                                                                 | 0x0 (0x0) |
| 1060 | Word 12                                                                                  | 0x0 (0x0) | 1090 | Word 12                                                                 | 0x0 (0x0) |
| 1061 | Word 13                                                                                  | 0x0 (0x0) | 1091 | Word 13                                                                 | 0x0 (0x0) |
| 1062 | Word 14                                                                                  | 0x0 (0x0) | 1092 | Word 14                                                                 | 0x0 (0x0) |
| 1063 | Word 15                                                                                  | 0x0 (0x0) | 1093 | Word 15                                                                 | 0x0 (0x0) |
| 1064 | Word 16                                                                                  | 0x0 (0x0) | 1094 | Word 16                                                                 | 0x0 (0x0) |
| 1065 |                                                                                          |           | 1095 |                                                                         |           |
| 1066 | Version (0xf) - (0xf7071009)                                                             |           |      |                                                                         |           |
| 1067 | Version                                                                                  |           |      |                                                                         |           |
| 1068 | Version 0xf7071009 (0xf7071009)                                                          |           |      |                                                                         |           |
| 1069 |                                                                                          |           |      |                                                                         |           |
| 1070 | Command Register for CMD2 (0x10) - (0x0)                                                 |           | 1096 | Command Register for CMD2 (0x10) - (0x0)                                |           |

|      |                                                              |  |  |      |                                               |  |  |
|------|--------------------------------------------------------------|--|--|------|-----------------------------------------------|--|--|
| 1071 | Command Register for CMD2                                    |  |  | 1097 | Command Register for CMD2                     |  |  |
| 1072 | 4cc Command (0x0)                                            |  |  | 1098 | 4cc Command (0x0)                             |  |  |
| 1073 |                                                              |  |  | 1099 |                                               |  |  |
| 1074 | Data Register for CMD2 (0x11) - (0x0)                        |  |  | 1100 | Data Register for CMD2 (0x11) - (0x0)         |  |  |
| 1075 | Data Register for CMD2                                       |  |  | 1101 | Data Register for CMD2                        |  |  |
| 1076 | Word 1 (Least Significant) 0x0 (0x0)                         |  |  | 1102 | Word 1 (Least Significant) 0x0 (0x0)          |  |  |
| 1077 | Word 2 0x0 (0x0)                                             |  |  | 1103 | Word 2 0x0 (0x0)                              |  |  |
| 1078 | Word 3 0x0 (0x0)                                             |  |  | 1104 | Word 3 0x0 (0x0)                              |  |  |
| 1079 | Word 4 0x0 (0x0)                                             |  |  | 1105 | Word 4 0x0 (0x0)                              |  |  |
| 1080 | Word 5 0x0 (0x0)                                             |  |  | 1106 | Word 5 0x0 (0x0)                              |  |  |
| 1081 | Word 6 0x0 (0x0)                                             |  |  | 1107 | Word 6 0x0 (0x0)                              |  |  |
| 1082 | Word 7 0x0 (0x0)                                             |  |  | 1108 | Word 7 0x0 (0x0)                              |  |  |
| 1083 | Word 8 0x0 (0x0)                                             |  |  | 1109 | Word 8 0x0 (0x0)                              |  |  |
| 1084 | Word 9 0x0 (0x0)                                             |  |  | 1110 | Word 9 0x0 (0x0)                              |  |  |
| 1085 | Word 10 0x0 (0x0)                                            |  |  | 1111 | Word 10 0x0 (0x0)                             |  |  |
| 1086 | Word 11 0x0 (0x0)                                            |  |  | 1112 | Word 11 0x0 (0x0)                             |  |  |
| 1087 | Word 12 0x0 (0x0)                                            |  |  | 1113 | Word 12 0x0 (0x0)                             |  |  |
| 1088 | Word 13 0x0 (0x0)                                            |  |  | 1114 | Word 13 0x0 (0x0)                             |  |  |
| 1089 | Word 14 0x0 (0x0)                                            |  |  | 1115 | Word 14 0x0 (0x0)                             |  |  |
| 1090 | Word 15 0x0 (0x0)                                            |  |  | 1116 | Word 15 0x0 (0x0)                             |  |  |
| 1091 | Word 16 0x0 (0x0)                                            |  |  | 1117 | Word 16 0x0 (0x0)                             |  |  |
| 1092 |                                                              |  |  | 1118 |                                               |  |  |
| 1093 | Interrupt Event for I2C1 (0x14) - (0x100000000000000f800008) |  |  | 1119 | Interrupt Event for I2C1 (0x14) - (0x2000008) |  |  |
| 1094 | Interrupt Event for I2C1                                     |  |  | 1120 | Interrupt Event for I2C1                      |  |  |
| 1095 | Interrupt Event for I2C1                                     |  |  | 1121 | Interrupt Event for I2C1                      |  |  |
| 1096 | Soft Reset False (0x0)                                       |  |  | 1122 | Soft Reset False (0x0)                        |  |  |
| 1097 | Hard Reset False (0x0)                                       |  |  | 1123 | Hard Reset False (0x0)                        |  |  |
| 1098 | Cable Reset Event False (0x0)                                |  |  | 1124 | Cable Reset Event False (0x0)                 |  |  |
| 1099 | Plug Insert or Removal True (0x1)                            |  |  | 1125 | Plug Insert or Removal True (0x1)             |  |  |
| 1100 | PR Swap Complete False (0x0)                                 |  |  | 1126 | PR Swap Complete False (0x0)                  |  |  |
| 1101 | DR Swap Complete False (0x0)                                 |  |  | 1127 | DR Swap Complete False (0x0)                  |  |  |
| 1102 | FR Swap Complete False (0x0)                                 |  |  | 1128 | FR Swap Complete False (0x0)                  |  |  |
| 1103 | RDO Received from Sink False (0x0)                           |  |  | 1129 | RDO Received from Sink False (0x0)            |  |  |
| 1104 | Built-In Self Test False (0x0)                               |  |  | 1130 | Built-In Self Test False (0x0)                |  |  |
| 1105 | Overcurrent Event False (0x0)                                |  |  | 1131 | Overcurrent Event False (0x0)                 |  |  |
| 1106 | Attention Received False (0x0)                               |  |  | 1132 | Attention Received False (0x0)                |  |  |
| 1107 | Vendor-Defined Message Received False (0x0)                  |  |  | 1133 | Vendor-Defined Message Received False (0x0)   |  |  |
| 1108 | New Contract as Consumer False (0x0)                         |  |  | 1134 | New Contract as Consumer False (0x0)          |  |  |
| 1109 | New Contract as Provider False (0x0)                         |  |  | 1135 | New Contract as Provider False (0x0)          |  |  |
| 1110 | Source Capabilities Message Ready False (0x0)                |  |  | 1136 | Source Capabilities Message Ready False (0x0) |  |  |
| 1111 | Sink Capabilities Message Ready False (0x0)                  |  |  | 1137 | Sink Capabilities Message Ready False (0x0)   |  |  |
| 1112 | Low Voltage Warning False (0x0)                              |  |  | 1138 | Low Voltage Warning False (0x0)               |  |  |
| 1113 | PR Swap Requested False (0x0)                                |  |  | 1139 | PR Swap Requested False (0x0)                 |  |  |
| 1114 | DR Swap Requested False (0x0)                                |  |  | 1140 | DR Swap Requested False (0x0)                 |  |  |
| 1115 | Goto Min Received False (0x0)                                |  |  | 1141 | Goto Min Received False (0x0)                 |  |  |
| 1116 | USB Host Present False (0x0)                                 |  |  | 1142 | USB Host Present False (0x0)                  |  |  |
| 1117 | USB Host Present no longer False (0x0)                       |  |  | 1143 | USB Host Present no longer False (0x0)        |  |  |
| 1118 | High Voltage Warning False (0x0)                             |  |  | 1144 | High Voltage Warning False (0x0)              |  |  |
| 1119 | PP Switch Changed True (0x1)                                 |  |  | 1145 | PP Switch Changed False (0x0)                 |  |  |
| 1120 | Power Status Update True (0x1)                               |  |  | 1146 | Power Status Update False (0x0)               |  |  |

|      |                                                            |             |      |                                               |             |
|------|------------------------------------------------------------|-------------|------|-----------------------------------------------|-------------|
| 1121 | Data Status Update                                         | True (0x1)  | 1147 | Data Status Update                            | True (0x1)  |
| 1122 | Status Update                                              | True (0x1)  | 1148 | Status Update                                 | False (0x0) |
| 1123 | PD Status Update                                           | True (0x1)  | 1149 | PD Status Update                              | False (0x0) |
| 1124 | VCONN Swap Complete                                        | False (0x0) | 1150 | VCONN Swap Complete                           | False (0x0) |
| 1125 | VCONN Swap Requested                                       | False (0x0) | 1151 | VCONN Swap Requested                          | False (0x0) |
| 1126 | CMD1 Complete                                              | False (0x0) | 1152 | CMD1 Complete                                 | False (0x0) |
| 1127 | CMD2 Complete                                              | False (0x0) | 1153 | CMD2 Complete                                 | False (0x0) |
| 1128 | Error: Device Incompatible                                 | False (0x0) | 1154 | Error: Device Incompatible                    | False (0x0) |
| 1129 | Error: Cannot Provide Voltage or Current                   | False (0x0) | 1155 | Error: Cannot Provide Voltage or Current      | False (0x0) |
| 1130 | Error: Can Provide Voltage or Current Later                | False (0x0) | 1156 | Error: Can Provide Voltage or Current Later   | False (0x0) |
| 1131 | Error: Power Event Occurred                                | False (0x0) | 1157 | Error: Power Event Occurred                   | False (0x0) |
| 1132 | Error: Missing Get Capabilities Message                    | False (0x0) | 1158 | Error: Missing Get Capabilities Message       | False (0x0) |
| 1133 | Error: Protocol Error                                      | False (0x0) | 1159 | Error: Protocol Error                         | False (0x0) |
| 1134 | Error: Message Data                                        | False (0x0) | 1160 | Error: Message Data                           | False (0x0) |
| 1135 | Error: Discharge Failed                                    | False (0x0) | 1161 | Error: Discharge Failed                       | False (0x0) |
| 1136 | Sink Transition Complete                                   | False (0x0) | 1162 | Sink Transition Complete                      | False (0x0) |
| 1137 | Error: Unable to Source                                    | False (0x0) | 1163 | Error: Unable to Source                       | False (0x0) |
| 1138 | Error: BIST Message Ignored                                | False (0x0) | 1164 | Error: BIST Message Ignored                   | False (0x0) |
| 1139 | AM Entry Failure                                           | False (0x0) | 1165 | AM Entry Failure                              | False (0x0) |
| 1140 | AM Entered                                                 | False (0x0) | 1166 | AM Entered                                    | False (0x0) |
| 1141 | Vendor Defined Message Sent                                | False (0x0) | 1167 | Vendor Defined Message Sent                   | False (0x0) |
| 1142 | Discover Mode Complete                                     | False (0x0) | 1168 | Discover Mode Complete                        | False (0x0) |
| 1143 | Exit Mode Complete                                         | False (0x0) | 1169 | Exit Mode Complete                            | False (0x0) |
| 1144 | User SVID Mode Entered                                     | False (0x0) | 1170 | User SVID Mode Entered                        | False (0x0) |
| 1145 | User SVID Mode Exited                                      | False (0x0) | 1171 | User SVID Mode Exited                         | False (0x0) |
| 1146 | User SVID Attention VDM Received                           | False (0x0) | 1172 | User SVID Attention VDM Received              | False (0x0) |
| 1147 | User SVID Other VDM Received                               | False (0x0) | 1173 | User SVID Other VDM Received                  | False (0x0) |
| 1148 | DP SID Status Update                                       | False (0x0) | 1174 | DP SID Status Update                          | False (0x0) |
| 1149 | Intel VID Status Update                                    | False (0x0) | 1175 | Intel VID Status Update                       | False (0x0) |
| 1150 | PD3 Status Update                                          | False (0x0) | 1176 | PD3 Status Update                             | False (0x0) |
| 1151 | TX Mem Buffer Empty                                        | False (0x0) | 1177 | TX Mem Buffer Empty                           | False (0x0) |
| 1152 | RX Mem Buffer Full                                         | False (0x0) | 1178 | RX Mem Buffer Full                            | False (0x0) |
| 1153 | Custom VDM Arrive                                          | False (0x0) | 1179 | Custom VDM Arrive                             | False (0x0) |
| 1154 | Custom AM Entered                                          | False (0x0) | 1180 | Custom AM Entered                             | False (0x0) |
| 1155 | Custom VDM Message Sent                                    | False (0x0) | 1181 | Custom VDM Message Sent                       | False (0x0) |
| 1156 | SOC ACK Timeout                                            | False (0x0) | 1182 | SOC ACK Timeout                               | False (0x0) |
| 1157 | FRS Signal Received                                        | False (0x0) | 1183 | FRS Signal Received                           | False (0x0) |
| 1158 | Chunk Response Received                                    | False (0x0) | 1184 | Chunk Response Received                       | False (0x0) |
| 1159 | Chunk Request Received                                     | False (0x0) | 1185 | Chunk Request Received                        | False (0x0) |
| 1160 | Alert Message Received                                     | False (0x0) | 1186 | Alert Message Received                        | False (0x0) |
| 1161 | Common Interrupt Mask for I2C1                             |             | 1187 | Common Interrupt Mask for I2C1                |             |
| 1162 | Patch Loaded                                               | True (0x1)  | 1188 | Patch Loaded                                  | False (0x0) |
| 1163 | Ready for Patch                                            | False (0x0) | 1189 | Ready for Patch                               | False (0x0) |
| 1164 |                                                            |             | 1190 |                                               |             |
| 1165 | Interrupt Event for I2C2 (0x15) - (0x10000000000002000008) |             | 1191 | Interrupt Event for I2C2 (0x15) - (0x2000008) |             |
| 1166 | Interrupt Event for I2C2                                   |             | 1192 | Interrupt Event for I2C2                      |             |
| 1167 | Interrupt Event for I2C2                                   |             | 1193 | Interrupt Event for I2C2                      |             |
| 1168 | Soft Reset                                                 | False (0x0) | 1194 | Soft Reset                                    | False (0x0) |
| 1169 | Hard Reset                                                 | False (0x0) | 1195 | Hard Reset                                    | False (0x0) |
| 1170 | Cable Reset Event                                          | False (0x0) | 1196 | Cable Reset Event                             | False (0x0) |

|      |                                             |             |      |                                             |             |
|------|---------------------------------------------|-------------|------|---------------------------------------------|-------------|
| 1171 | Plug Insert or Removal                      | True (0x1)  | 1197 | Plug Insert or Removal                      | True (0x1)  |
| 1172 | PR Swap Complete                            | False (0x0) | 1198 | PR Swap Complete                            | False (0x0) |
| 1173 | DR Swap Complete                            | False (0x0) | 1199 | DR Swap Complete                            | False (0x0) |
| 1174 | FR Swap Complete                            | False (0x0) | 1200 | FR Swap Complete                            | False (0x0) |
| 1175 | RDO Received from Sink                      | False (0x0) | 1201 | RDO Received from Sink                      | False (0x0) |
| 1176 | Built-In Self Test                          | False (0x0) | 1202 | Built-In Self Test                          | False (0x0) |
| 1177 | Overcurrent Event                           | False (0x0) | 1203 | Overcurrent Event                           | False (0x0) |
| 1178 | Attention Received                          | False (0x0) | 1204 | Attention Received                          | False (0x0) |
| 1179 | Vendor-Defined Message Received             | False (0x0) | 1205 | Vendor-Defined Message Received             | False (0x0) |
| 1180 | New Contract as Consumer                    | False (0x0) | 1206 | New Contract as Consumer                    | False (0x0) |
| 1181 | New Contract as Provider                    | False (0x0) | 1207 | New Contract as Provider                    | False (0x0) |
| 1182 | Source Capabilities Message Ready           | False (0x0) | 1208 | Source Capabilities Message Ready           | False (0x0) |
| 1183 | Sink Capabilities Message Ready             | False (0x0) | 1209 | Sink Capabilities Message Ready             | False (0x0) |
| 1184 | Low Voltage Warning                         | False (0x0) | 1210 | Low Voltage Warning                         | False (0x0) |
| 1185 | PR Swap Requested                           | False (0x0) | 1211 | PR Swap Requested                           | False (0x0) |
| 1186 | DR Swap Requested                           | False (0x0) | 1212 | DR Swap Requested                           | False (0x0) |
| 1187 | Goto Min Received                           | False (0x0) | 1213 | Goto Min Received                           | False (0x0) |
| 1188 | USB Host Present                            | False (0x0) | 1214 | USB Host Present                            | False (0x0) |
| 1189 | USB Host Present no longer                  | False (0x0) | 1215 | USB Host Present no longer                  | False (0x0) |
| 1190 | High Voltage Warning                        | False (0x0) | 1216 | High Voltage Warning                        | False (0x0) |
| 1191 | PP Switch Changed                           | False (0x0) | 1217 | PP Switch Changed                           | False (0x0) |
| 1192 | Power Status Update                         | False (0x0) | 1218 | Power Status Update                         | False (0x0) |
| 1193 | Data Status Update                          | True (0x1)  | 1219 | Data Status Update                          | True (0x1)  |
| 1194 | Status Update                               | False (0x0) | 1220 | Status Update                               | False (0x0) |
| 1195 | PD Status Update                            | False (0x0) | 1221 | PD Status Update                            | False (0x0) |
| 1196 | VCONN Swap Complete                         | False (0x0) | 1222 | VCONN Swap Complete                         | False (0x0) |
| 1197 | VCONN Swap Requested                        | False (0x0) | 1223 | VCONN Swap Requested                        | False (0x0) |
| 1198 | CMD1 Complete                               | False (0x0) | 1224 | CMD1 Complete                               | False (0x0) |
| 1199 | CMD2 Complete                               | False (0x0) | 1225 | CMD2 Complete                               | False (0x0) |
| 1200 | Error: Device Incompatible                  | False (0x0) | 1226 | Error: Device Incompatible                  | False (0x0) |
| 1201 | Error: Cannot Provide Voltage or Current    | False (0x0) | 1227 | Error: Cannot Provide Voltage or Current    | False (0x0) |
| 1202 | Error: Can Provide Voltage or Current Later | False (0x0) | 1228 | Error: Can Provide Voltage or Current Later | False (0x0) |
| 1203 | Error: Power Event Occurred                 | False (0x0) | 1229 | Error: Power Event Occurred                 | False (0x0) |
| 1204 | Error: Missing Get Capabilities Message     | False (0x0) | 1230 | Error: Missing Get Capabilities Message     | False (0x0) |
| 1205 | Error: Protocol Error                       | False (0x0) | 1231 | Error: Protocol Error                       | False (0x0) |
| 1206 | Error: Message Data                         | False (0x0) | 1232 | Error: Message Data                         | False (0x0) |
| 1207 | Error: Discharge Failed                     | False (0x0) | 1233 | Error: Discharge Failed                     | False (0x0) |
| 1208 | Sink Transition Complete                    | False (0x0) | 1234 | Sink Transition Complete                    | False (0x0) |
| 1209 | Error: Unable to Source                     | False (0x0) | 1235 | Error: Unable to Source                     | False (0x0) |
| 1210 | Error: BIST Message Ignored                 | False (0x0) | 1236 | Error: BIST Message Ignored                 | False (0x0) |
| 1211 | AM Entry Failure                            | False (0x0) | 1237 | AM Entry Failure                            | False (0x0) |
| 1212 | AM Entered                                  | False (0x0) | 1238 | AM Entered                                  | False (0x0) |
| 1213 | Vendor Defined Message Sent                 | False (0x0) | 1239 | Vendor Defined Message Sent                 | False (0x0) |
| 1214 | Discover Mode Complete                      | False (0x0) | 1240 | Discover Mode Complete                      | False (0x0) |
| 1215 | Exit Mode Complete                          | False (0x0) | 1241 | Exit Mode Complete                          | False (0x0) |
| 1216 | User SVID Mode Entered                      | False (0x0) | 1242 | User SVID Mode Entered                      | False (0x0) |
| 1217 | User SVID Mode Exited                       | False (0x0) | 1243 | User SVID Mode Exited                       | False (0x0) |
| 1218 | User SVID Attention VDM Received            | False (0x0) | 1244 | User SVID Attention VDM Received            | False (0x0) |
| 1219 | User SVID Other VDM Received                | False (0x0) | 1245 | User SVID Other VDM Received                | False (0x0) |
| 1220 | DP SID Status Update                        | False (0x0) | 1246 | DP SID Status Update                        | False (0x0) |

|      |                                                              |             |      |                                                |             |
|------|--------------------------------------------------------------|-------------|------|------------------------------------------------|-------------|
| 1221 | Intel VID Status Update                                      | False (0x0) | 1247 | Intel VID Status Update                        | False (0x0) |
| 1222 | PD3 Status Update                                            | False (0x0) | 1248 | PD3 Status Update                              | False (0x0) |
| 1223 | TX Mem Buffer Empty                                          | False (0x0) | 1249 | TX Mem Buffer Empty                            | False (0x0) |
| 1224 | RX Mem Buffer Full                                           | False (0x0) | 1250 | RX Mem Buffer Full                             | False (0x0) |
| 1225 | Custom VDM Arrive                                            | False (0x0) | 1251 | Custom VDM Arrive                              | False (0x0) |
| 1226 | Custom AM Entered                                            | False (0x0) | 1252 | Custom AM Entered                              | False (0x0) |
| 1227 | Custom VDM Message Sent                                      | False (0x0) | 1253 | Custom VDM Message Sent                        | False (0x0) |
| 1228 | SOC ACK Timeout                                              | False (0x0) | 1254 | SOC ACK Timeout                                | False (0x0) |
| 1229 | FRS Signal Received                                          | False (0x0) | 1255 | FRS Signal Received                            | False (0x0) |
| 1230 | Chunk Response Received                                      | False (0x0) | 1256 | Chunk Response Received                        | False (0x0) |
| 1231 | Chunk Request Received                                       | False (0x0) | 1257 | Chunk Request Received                         | False (0x0) |
| 1232 | Alert Message Received                                       | False (0x0) | 1258 | Alert Message Received                         | False (0x0) |
| 1233 | Common Interrupt Mask for I2C1                               |             | 1259 | Common Interrupt Mask for I2C1                 |             |
| 1234 | Patch Loaded                                                 | True (0x1)  | 1260 | Patch Loaded                                   | False (0x0) |
| 1235 | Ready for Patch                                              | False (0x0) | 1261 | Ready for Patch                                | False (0x0) |
| 1236 |                                                              |             | 1262 |                                                |             |
| 1237 | Interrupt Clear for I2C1 (0x18) - (0x100000000000000f800008) |             | 1263 | Interrupt Clear for I2C1 (0x18) - (0x20000008) |             |
| 1238 | Interrupt Event for I2C1                                     |             | 1264 | Interrupt Event for I2C1                       |             |
| 1239 | Interrupt Event for I2C1                                     |             | 1265 | Interrupt Event for I2C1                       |             |
| 1240 | Soft Reset                                                   | False (0x0) | 1266 | Soft Reset                                     | False (0x0) |
| 1241 | Hard Reset                                                   | False (0x0) | 1267 | Hard Reset                                     | False (0x0) |
| 1242 | Cable Reset Event                                            | False (0x0) | 1268 | Cable Reset Event                              | False (0x0) |
| 1243 | Plug Insert or Removal                                       | True (0x1)  | 1269 | Plug Insert or Removal                         | True (0x1)  |
| 1244 | PR Swap Complete                                             | False (0x0) | 1270 | PR Swap Complete                               | False (0x0) |
| 1245 | DR Swap Complete                                             | False (0x0) | 1271 | DR Swap Complete                               | False (0x0) |
| 1246 | FR Swap Complete                                             | False (0x0) | 1272 | FR Swap Complete                               | False (0x0) |
| 1247 | RDO Received from Sink                                       | False (0x0) | 1273 | RDO Received from Sink                         | False (0x0) |
| 1248 | Built-In Self Test                                           | False (0x0) | 1274 | Built-In Self Test                             | False (0x0) |
| 1249 | Overcurrent Event                                            | False (0x0) | 1275 | Overcurrent Event                              | False (0x0) |
| 1250 | Attention Received                                           | False (0x0) | 1276 | Attention Received                             | False (0x0) |
| 1251 | Vendor-Defined Message Received                              | False (0x0) | 1277 | Vendor-Defined Message Received                | False (0x0) |
| 1252 | New Contract as Consumer                                     | False (0x0) | 1278 | New Contract as Consumer                       | False (0x0) |
| 1253 | New Contract as Provider                                     | False (0x0) | 1279 | New Contract as Provider                       | False (0x0) |
| 1254 | Source Capabilities Message Ready                            | False (0x0) | 1280 | Source Capabilities Message Ready              | False (0x0) |
| 1255 | Sink Capabilities Message Ready                              | False (0x0) | 1281 | Sink Capabilities Message Ready                | False (0x0) |
| 1256 | Low Voltage Warning                                          | False (0x0) | 1282 | Low Voltage Warning                            | False (0x0) |
| 1257 | PR Swap Requested                                            | False (0x0) | 1283 | PR Swap Requested                              | False (0x0) |
| 1258 | DR Swap Requested                                            | False (0x0) | 1284 | DR Swap Requested                              | False (0x0) |
| 1259 | Goto Min Received                                            | False (0x0) | 1285 | Goto Min Received                              | False (0x0) |
| 1260 | USB Host Present                                             | False (0x0) | 1286 | USB Host Present                               | False (0x0) |
| 1261 | USB Host Present no longer                                   | False (0x0) | 1287 | USB Host Present no longer                     | False (0x0) |
| 1262 | High Voltage Warning                                         | False (0x0) | 1288 | High Voltage Warning                           | False (0x0) |
| 1263 | PP Switch Changed                                            | True (0x1)  | 1289 | PP Switch Changed                              | False (0x0) |
| 1264 | Power Status Update                                          | True (0x1)  | 1290 | Power Status Update                            | False (0x0) |
| 1265 | Data Status Update                                           | True (0x1)  | 1291 | Data Status Update                             | True (0x1)  |
| 1266 | Status Update                                                | True (0x1)  | 1292 | Status Update                                  | False (0x0) |
| 1267 | PD Status Update                                             | True (0x1)  | 1293 | PD Status Update                               | False (0x0) |
| 1268 | VCONN Swap Complete                                          | False (0x0) | 1294 | VCONN Swap Complete                            | False (0x0) |
| 1269 | VCONN Swap Requested                                         | False (0x0) | 1295 | VCONN Swap Requested                           | False (0x0) |
| 1270 | CMD1 Complete                                                | False (0x0) | 1296 | CMD1 Complete                                  | False (0x0) |

|      |                                                             |             |      |                                               |             |
|------|-------------------------------------------------------------|-------------|------|-----------------------------------------------|-------------|
| 1271 | CMD2 Complete                                               | False (0x0) | 1297 | CMD2 Complete                                 | False (0x0) |
| 1272 | Error: Device Incompatible                                  | False (0x0) | 1298 | Error: Device Incompatible                    | False (0x0) |
| 1273 | Error: Cannot Provide Voltage or Current                    | False (0x0) | 1299 | Error: Cannot Provide Voltage or Current      | False (0x0) |
| 1274 | Error: Can Provide Voltage or Current Later                 | False (0x0) | 1300 | Error: Can Provide Voltage or Current Later   | False (0x0) |
| 1275 | Error: Power Event Occurred                                 | False (0x0) | 1301 | Error: Power Event Occurred                   | False (0x0) |
| 1276 | Error: Missing Get Capabilities Message                     | False (0x0) | 1302 | Error: Missing Get Capabilities Message       | False (0x0) |
| 1277 | Error: Protocol Error                                       | False (0x0) | 1303 | Error: Protocol Error                         | False (0x0) |
| 1278 | Error: Message Data                                         | False (0x0) | 1304 | Error: Message Data                           | False (0x0) |
| 1279 | Error: Discharge Failed                                     | False (0x0) | 1305 | Error: Discharge Failed                       | False (0x0) |
| 1280 | Sink Transition Complete                                    | False (0x0) | 1306 | Sink Transition Complete                      | False (0x0) |
| 1281 | Error: Unable to Source                                     | False (0x0) | 1307 | Error: Unable to Source                       | False (0x0) |
| 1282 | Error: BIST Message Ignored                                 | False (0x0) | 1308 | Error: BIST Message Ignored                   | False (0x0) |
| 1283 | AM Entry Failure                                            | False (0x0) | 1309 | AM Entry Failure                              | False (0x0) |
| 1284 | AM Entered                                                  | False (0x0) | 1310 | AM Entered                                    | False (0x0) |
| 1285 | Vendor Defined Message Sent                                 | False (0x0) | 1311 | Vendor Defined Message Sent                   | False (0x0) |
| 1286 | Discover Mode Complete                                      | False (0x0) | 1312 | Discover Mode Complete                        | False (0x0) |
| 1287 | Exit Mode Complete                                          | False (0x0) | 1313 | Exit Mode Complete                            | False (0x0) |
| 1288 | User SVID Mode Entered                                      | False (0x0) | 1314 | User SVID Mode Entered                        | False (0x0) |
| 1289 | User SVID Mode Exited                                       | False (0x0) | 1315 | User SVID Mode Exited                         | False (0x0) |
| 1290 | User SVID Attention VDM Received                            | False (0x0) | 1316 | User SVID Attention VDM Received              | False (0x0) |
| 1291 | User SVID Other VDM Received                                | False (0x0) | 1317 | User SVID Other VDM Received                  | False (0x0) |
| 1292 | DP SID Status Update                                        | False (0x0) | 1318 | DP SID Status Update                          | False (0x0) |
| 1293 | Intel VID Status Update                                     | False (0x0) | 1319 | Intel VID Status Update                       | False (0x0) |
| 1294 | PD3 Status Update                                           | False (0x0) | 1320 | PD3 Status Update                             | False (0x0) |
| 1295 | TX Mem Buffer Empty                                         | False (0x0) | 1321 | TX Mem Buffer Empty                           | False (0x0) |
| 1296 | RX Mem Buffer Full                                          | False (0x0) | 1322 | RX Mem Buffer Full                            | False (0x0) |
| 1297 | Custom VDM Arrive                                           | False (0x0) | 1323 | Custom VDM Arrive                             | False (0x0) |
| 1298 | Custom AM Entered                                           | False (0x0) | 1324 | Custom AM Entered                             | False (0x0) |
| 1299 | Custom VDM Message Sent                                     | False (0x0) | 1325 | Custom VDM Message Sent                       | False (0x0) |
| 1300 | SOC ACK Timeout                                             | False (0x0) | 1326 | SOC ACK Timeout                               | False (0x0) |
| 1301 | FRS Signal Received                                         | False (0x0) | 1327 | FRS Signal Received                           | False (0x0) |
| 1302 | Chunk Response Received                                     | False (0x0) | 1328 | Chunk Response Received                       | False (0x0) |
| 1303 | Chunk Request Received                                      | False (0x0) | 1329 | Chunk Request Received                        | False (0x0) |
| 1304 | Alert Message Received                                      | False (0x0) | 1330 | Alert Message Received                        | False (0x0) |
| 1305 | Common Interrupt Mask for I2C1                              |             | 1331 | Common Interrupt Mask for I2C1                |             |
| 1306 | Patch Loaded                                                | True (0x1)  | 1332 | Patch Loaded                                  | False (0x0) |
| 1307 | Ready for Patch                                             | False (0x0) | 1333 | Ready for Patch                               | False (0x0) |
| 1308 |                                                             |             | 1334 |                                               |             |
| 1309 | Interrupt Clear for I2C2 (0x19) - (0x100000000000002000008) |             | 1335 | Interrupt Clear for I2C2 (0x19) - (0x2000008) |             |
| 1310 | Interrupt Event for I2C2                                    |             | 1336 | Interrupt Event for I2C2                      |             |
| 1311 | Interrupt Event for I2C2                                    |             | 1337 | Interrupt Event for I2C2                      |             |
| 1312 | Soft Reset                                                  | False (0x0) | 1338 | Soft Reset                                    | False (0x0) |
| 1313 | Hard Reset                                                  | False (0x0) | 1339 | Hard Reset                                    | False (0x0) |
| 1314 | Cable Reset Event                                           | False (0x0) | 1340 | Cable Reset Event                             | False (0x0) |
| 1315 | Plug Insert or Removal                                      | True (0x1)  | 1341 | Plug Insert or Removal                        | True (0x1)  |
| 1316 | PR Swap Complete                                            | False (0x0) | 1342 | PR Swap Complete                              | False (0x0) |
| 1317 | DR Swap Complete                                            | False (0x0) | 1343 | DR Swap Complete                              | False (0x0) |
| 1318 | FR Swap Complete                                            | False (0x0) | 1344 | FR Swap Complete                              | False (0x0) |
| 1319 | RDO Received from Sink                                      | False (0x0) | 1345 | RDO Received from Sink                        | False (0x0) |
| 1320 | Built-In Self Test                                          | False (0x0) | 1346 | Built-In Self Test                            | False (0x0) |

|      |                                             |             |      |                                             |             |
|------|---------------------------------------------|-------------|------|---------------------------------------------|-------------|
| 1321 | Overcurrent Event                           | False (0x0) | 1347 | Overcurrent Event                           | False (0x0) |
| 1322 | Attention Received                          | False (0x0) | 1348 | Attention Received                          | False (0x0) |
| 1323 | Vendor-Defined Message Received             | False (0x0) | 1349 | Vendor-Defined Message Received             | False (0x0) |
| 1324 | New Contract as Consumer                    | False (0x0) | 1350 | New Contract as Consumer                    | False (0x0) |
| 1325 | New Contract as Provider                    | False (0x0) | 1351 | New Contract as Provider                    | False (0x0) |
| 1326 | Source Capabilities Message Ready           | False (0x0) | 1352 | Source Capabilities Message Ready           | False (0x0) |
| 1327 | Sink Capabilities Message Ready             | False (0x0) | 1353 | Sink Capabilities Message Ready             | False (0x0) |
| 1328 | Low Voltage Warning                         | False (0x0) | 1354 | Low Voltage Warning                         | False (0x0) |
| 1329 | PR Swap Requested                           | False (0x0) | 1355 | PR Swap Requested                           | False (0x0) |
| 1330 | DR Swap Requested                           | False (0x0) | 1356 | DR Swap Requested                           | False (0x0) |
| 1331 | Goto Min Received                           | False (0x0) | 1357 | Goto Min Received                           | False (0x0) |
| 1332 | USB Host Present                            | False (0x0) | 1358 | USB Host Present                            | False (0x0) |
| 1333 | USB Host Present no longer                  | False (0x0) | 1359 | USB Host Present no longer                  | False (0x0) |
| 1334 | High Voltage Warning                        | False (0x0) | 1360 | High Voltage Warning                        | False (0x0) |
| 1335 | PP Switch Changed                           | False (0x0) | 1361 | PP Switch Changed                           | False (0x0) |
| 1336 | Power Status Update                         | False (0x0) | 1362 | Power Status Update                         | False (0x0) |
| 1337 | Data Status Update                          | True (0x1)  | 1363 | Data Status Update                          | True (0x1)  |
| 1338 | Status Update                               | False (0x0) | 1364 | Status Update                               | False (0x0) |
| 1339 | PD Status Update                            | False (0x0) | 1365 | PD Status Update                            | False (0x0) |
| 1340 | VCONN Swap Complete                         | False (0x0) | 1366 | VCONN Swap Complete                         | False (0x0) |
| 1341 | VCONN Swap Requested                        | False (0x0) | 1367 | VCONN Swap Requested                        | False (0x0) |
| 1342 | CMD1 Complete                               | False (0x0) | 1368 | CMD1 Complete                               | False (0x0) |
| 1343 | CMD2 Complete                               | False (0x0) | 1369 | CMD2 Complete                               | False (0x0) |
| 1344 | Error: Device Incompatible                  | False (0x0) | 1370 | Error: Device Incompatible                  | False (0x0) |
| 1345 | Error: Cannot Provide Voltage or Current    | False (0x0) | 1371 | Error: Cannot Provide Voltage or Current    | False (0x0) |
| 1346 | Error: Can Provide Voltage or Current Later | False (0x0) | 1372 | Error: Can Provide Voltage or Current Later | False (0x0) |
| 1347 | Error: Power Event Occurred                 | False (0x0) | 1373 | Error: Power Event Occurred                 | False (0x0) |
| 1348 | Error: Missing Get Capabilities Message     | False (0x0) | 1374 | Error: Missing Get Capabilities Message     | False (0x0) |
| 1349 | Error: Protocol Error                       | False (0x0) | 1375 | Error: Protocol Error                       | False (0x0) |
| 1350 | Error: Message Data                         | False (0x0) | 1376 | Error: Message Data                         | False (0x0) |
| 1351 | Error: Discharge Failed                     | False (0x0) | 1377 | Error: Discharge Failed                     | False (0x0) |
| 1352 | Sink Transition Complete                    | False (0x0) | 1378 | Sink Transition Complete                    | False (0x0) |
| 1353 | Error: Unable to Source                     | False (0x0) | 1379 | Error: Unable to Source                     | False (0x0) |
| 1354 | Error: BIST Message Ignored                 | False (0x0) | 1380 | Error: BIST Message Ignored                 | False (0x0) |
| 1355 | AM Entry Failure                            | False (0x0) | 1381 | AM Entry Failure                            | False (0x0) |
| 1356 | AM Entered                                  | False (0x0) | 1382 | AM Entered                                  | False (0x0) |
| 1357 | Vendor Defined Message Sent                 | False (0x0) | 1383 | Vendor Defined Message Sent                 | False (0x0) |
| 1358 | Discover Mode Complete                      | False (0x0) | 1384 | Discover Mode Complete                      | False (0x0) |
| 1359 | Exit Mode Complete                          | False (0x0) | 1385 | Exit Mode Complete                          | False (0x0) |
| 1360 | User SVID Mode Entered                      | False (0x0) | 1386 | User SVID Mode Entered                      | False (0x0) |
| 1361 | User SVID Mode Exited                       | False (0x0) | 1387 | User SVID Mode Exited                       | False (0x0) |
| 1362 | User SVID Attention VDM Received            | False (0x0) | 1388 | User SVID Attention VDM Received            | False (0x0) |
| 1363 | User SVID Other VDM Received                | False (0x0) | 1389 | User SVID Other VDM Received                | False (0x0) |
| 1364 | DP SID Status Update                        | False (0x0) | 1390 | DP SID Status Update                        | False (0x0) |
| 1365 | Intel VID Status Update                     | False (0x0) | 1391 | Intel VID Status Update                     | False (0x0) |
| 1366 | PD3 Status Update                           | False (0x0) | 1392 | PD3 Status Update                           | False (0x0) |
| 1367 | TX Mem Buffer Empty                         | False (0x0) | 1393 | TX Mem Buffer Empty                         | False (0x0) |
| 1368 | RX Mem Buffer Full                          | False (0x0) | 1394 | RX Mem Buffer Full                          | False (0x0) |
| 1369 | Custom VDM Arrive                           | False (0x0) | 1395 | Custom VDM Arrive                           | False (0x0) |
| 1370 | Custom AM Entered                           | False (0x0) | 1396 | Custom AM Entered                           | False (0x0) |

|      |                                            |                                                   |      |                                             |                                                   |
|------|--------------------------------------------|---------------------------------------------------|------|---------------------------------------------|---------------------------------------------------|
| 1371 | Custom VDM Message Sent                    | False (0x0)                                       | 1397 | Custom VDM Message Sent                     | False (0x0)                                       |
| 1372 | SOC ACK Timeout                            | False (0x0)                                       | 1398 | SOC ACK Timeout                             | False (0x0)                                       |
| 1373 | FRS Signal Received                        | False (0x0)                                       | 1399 | FRS Signal Received                         | False (0x0)                                       |
| 1374 | Chunk Response Received                    | False (0x0)                                       | 1400 | Chunk Response Received                     | False (0x0)                                       |
| 1375 | Chunk Request Received                     | False (0x0)                                       | 1401 | Chunk Request Received                      | False (0x0)                                       |
| 1376 | Alert Message Received                     | False (0x0)                                       | 1402 | Alert Message Received                      | False (0x0)                                       |
| 1377 | Common Interrupt Mask for I2C1             |                                                   | 1403 | Common Interrupt Mask for I2C1              |                                                   |
| 1378 | Patch Loaded                               | True (0x1)                                        | 1404 | Patch Loaded                                | False (0x0)                                       |
| 1379 | Ready for Patch                            | False (0x0)                                       | 1405 | Ready for Patch                             | False (0x0)                                       |
| 1380 |                                            |                                                   | 1406 |                                             |                                                   |
| 1381 | Status (0x1a) - (0x210006d)                |                                                   | 1407 | Status (0x1a) - (0x210006d)                 |                                                   |
| 1382 | Status                                     |                                                   | 1408 | Status                                      |                                                   |
| 1383 | Plug Present                               | Plug present, see Conn State (below) for detail   | 1409 | Plug Present                                | Plug present, see Conn State (below) for detail   |
| 1384 | Conn State                                 | Connection present, no Ra detected (Rd but no     | 1410 | Conn State                                  | Connection present, no Ra detected (Rd but no     |
| 1385 | Plug Orientation                           | Upside-up orientation (plug CC on C_CC1) or or    | 1411 | Plug Orientation                            | Upside-up orientation (plug CC on C_CC1) or or    |
| 1386 | Port Role                                  | PD Controller is Source (C_CCx pull-up active)    | 1412 | Port Role                                   | PD Controller is Source (C_CCx pull-up active)    |
| 1387 | Data Role                                  | PD Controller is DFP. (0x1)                       | 1413 | Data Role                                   | PD Controller is DFP. (0x1)                       |
| 1388 | VBUS Status                                | VBUS is at vSafe5V (4.75V to 5.5V). See ADC Re    | 1414 | VBUS Status                                 | VBUS is at vSafe5V (4.75V to 5.5V). See ADC Re    |
| 1389 | USB Host Present                           | No far-end device present providing VBUS or PD    | 1415 | USB Host Present                            | No far-end device present providing VBUS or PD    |
| 1390 | Acting as Legacy                           | PD Controller is acting like a legacy source.     | 1416 | Acting as Legacy                            | PD Controller is acting like a legacy source.     |
| 1391 | Go To Min Active                           | No PD contract established or GotoMin restrict    | 1417 | Go To Min Active                            | No PD contract established or GotoMin restrict    |
| 1392 | BIST                                       | No BIST in progress (0x0)                         | 1418 | BIST                                        | No BIST in progress (0x0)                         |
| 1393 | High Voltage Warning                       | PD Controller operating as Sink or VBUS voltage   | 1419 | High Voltage Warning                        | PD Controller operating as Sink or VBUS voltage   |
| 1394 | Low Voltage Warning                        | PD Controller operating as Sink or VBUS voltage   | 1420 | Low Voltage Warning                         | PD Controller operating as Sink or VBUS voltage   |
| 1395 | SOC ACK Timeout Occurred                   | Unknown (0x0) (0x0)                               | 1421 | SOC ACK Timeout Occurred                    | Unknown (0x0) (0x0)                               |
| 1396 | Alternative Mode Status                    | No Alternate Modes attempted. (0x0)               | 1422 | Alternative Mode Status                     | No Alternate Modes attempted. (0x0)               |
| 1397 |                                            |                                                   | 1423 |                                             |                                                   |
| 1398 | Power Path Status (0x26) - (0x4000000080)  |                                                   | 1424 | Power Path Status (0x26) - (0x40000000480)  |                                                   |
| 1399 | Power Path Status                          |                                                   | 1425 | Power Path Status                           |                                                   |
| 1400 | PP1_Cables witch                           | PP1_CABLE switch disabled. (0x0)                  | 1426 | PP1_Cables witch                            | PP1_CABLE switch disabled. (0x0)                  |
| 1401 | PP2_Cables witch                           | PP2_CABLE switch disabled. (0x0)                  | 1427 | PP2_Cables witch                            | PP2_CABLE switch disabled. (0x0)                  |
| 1402 | PP1 switch                                 | PP1 switch enabled (system output). (0x2)         | 1428 | PP1 switch                                  | PP1 switch enabled (system output). (0x2)         |
| 1403 | PP2 switch                                 | PP2 switch disabled. (0x0)                        | 1429 | PP2 switch                                  | PP2 switch enabled (system output). (0x2)         |
| 1404 | PP3 switch                                 | PP3 switch disabled. (0x0)                        | 1430 | PP3 switch                                  | PP3 switch disabled. (0x0)                        |
| 1405 | PP4 switch                                 | PP4 switch disabled. (0x0)                        | 1431 | PP4 switch                                  | PP4 switch disabled. (0x0)                        |
| 1406 | PP1_CABLE Enable                           | PP1_CABLE power not enabled (0x0)                 | 1432 | PP1_CABLE Enable                            | PP1_CABLE power not enabled (0x0)                 |
| 1407 | PP2_CABLE Enable                           | PP2_CABLE power not enabled (0x0)                 | 1433 | PP2_CABLE Enable                            | PP2_CABLE power not enabled (0x0)                 |
| 1408 | PP1 Overcurrent                            | No overcurrent condition exists on PP1 switch (0x | 1434 | PP1 Overcurrent                             | No overcurrent condition exists on PP1 switch (0x |
| 1409 | PP2 Overcurrent                            | No overcurrent condition exists on PP2 switch (0x | 1435 | PP2 Overcurrent                             | No overcurrent condition exists on PP2 switch (0x |
| 1410 | PP1_CABLE Overcurrent                      | No overcurrent condition exists on PP1_CABLE swit | 1436 | PP1_CABLE Overcurrent                       | No overcurrent condition exists on PP1_CABLE swit |
| 1411 | PP2_CABLE Overcurrent                      | No overcurrent condition exists on PP2_CABLE swit | 1437 | PP2_CABLE Overcurrent                       | No overcurrent condition exists on PP2_CABLE swit |
| 1412 | PowerSource                                | PD Controller is powered from VIN_3P3. (0x1)      | 1438 | PowerSource                                 | PD Controller is powered from VIN_3P3. (0x1)      |
| 1413 | PP1_RCP                                    | 0x0 (0x0)                                         | 1439 | PP1_RCP                                     | 0x0 (0x0)                                         |
| 1414 | PP2_RCP                                    | 0x0 (0x0)                                         | 1440 | PP2_RCP                                     | 0x0 (0x0)                                         |
| 1415 |                                            |                                                   | 1441 |                                             |                                                   |
| 1416 | Boot Flags (0x2d) - (0x300000006a20000000) |                                                   | 1442 | Boot Flags (0x2d) - (0x300000006a200000018) |                                                   |
| 1417 | Boot Flags                                 |                                                   | 1443 | Boot Flags                                  |                                                   |
| 1418 | Patch Header Error                         | False (0x0)                                       | 1444 | Patch Header Error                          | False (0x0)                                       |
| 1419 | Dead Battery Flag                          | False (0x0)                                       | 1445 | Dead Battery Flag                           | False (0x0)                                       |
| 1420 | SPI Flash Present                          | False (0x0)                                       | 1446 | SPI Flash Present                           | True (0x1)                                        |

|      |                                                                               |                            |      |                                                                               |                            |
|------|-------------------------------------------------------------------------------|----------------------------|------|-------------------------------------------------------------------------------|----------------------------|
| 1421 | Region 0                                                                      | False (0x0)                | 1447 | Region 0                                                                      | True (0x1)                 |
| 1422 | Region 1                                                                      | False (0x0)                | 1448 | Region 1                                                                      | False (0x0)                |
| 1423 | Region 0 Invalid                                                              | False (0x0)                | 1449 | Region 0 Invalid                                                              | False (0x0)                |
| 1424 | Region 1 Invalid                                                              | False (0x0)                | 1450 | Region 1 Invalid                                                              | False (0x0)                |
| 1425 | Region 0 Flash Error                                                          | False (0x0)                | 1451 | Region 0 Flash Error                                                          | False (0x0)                |
| 1426 | Region 1 Flash Error                                                          | False (0x0)                | 1452 | Region 1 Flash Error                                                          | False (0x0)                |
| 1427 | Patch Download Error                                                          | False (0x0)                | 1453 | Patch Download Error                                                          | False (0x0)                |
| 1428 | Region 0 CRC Fail                                                             | False (0x0)                | 1454 | Region 0 CRC Fail                                                             | False (0x0)                |
| 1429 | Region 1 CRC Fail                                                             | False (0x0)                | 1455 | Region 1 CRC Fail                                                             | False (0x0)                |
| 1430 | Customer OTP Invalid                                                          | False (0x0)                | 1456 | Customer OTP Invalid                                                          | False (0x0)                |
| 1431 | PP1 Switch                                                                    | False (0x0)                | 1457 | PP1 Switch                                                                    | False (0x0)                |
| 1432 | PP2 Switch                                                                    | False (0x0)                | 1458 | PP2 Switch                                                                    | False (0x0)                |
| 1433 | PP3 Switch                                                                    | False (0x0)                | 1459 | PP3 Switch                                                                    | False (0x0)                |
| 1434 | PP4 Switch                                                                    | False (0x0)                | 1460 | PP4 Switch                                                                    | False (0x0)                |
| 1435 | Customer OTP Valid                                                            | Unknown (0x2) (0x2)        | 1461 | Customer OTP Valid                                                            | Unknown (0x2) (0x2)        |
| 1436 | OTP Customer Dead Battery                                                     | Bus Power From ADCIN (0x0) | 1462 | OTP Customer Dead Battery                                                     | Bus Power From ADCIN (0x0) |
| 1437 | OTP I2C Address [6:5] for I2C2                                                | 0x2 (0x2)                  | 1463 | OTP I2C Address [6:5] for I2C2                                                | 0x2 (0x2)                  |
| 1438 | OTP Customer TBT Present                                                      | False (0x0)                | 1464 | OTP Customer TBT Present                                                      | False (0x0)                |
| 1439 | OTP Customer I2C Threshold                                                    | True (0x1)                 | 1465 | OTP Customer I2C Threshold                                                    | True (0x1)                 |
| 1440 | OTP Customer TBT Controller Type                                              | 0x2 (0x2)                  | 1466 | OTP Customer TBT Controller Type                                              | 0x2 (0x2)                  |
| 1441 | OTP Customer Disable PD                                                       | True (0x1)                 | 1467 | OTP Customer Disable PD                                                       | True (0x1)                 |
| 1442 | Revision ID Metal                                                             | 0x0 (0x0)                  | 1468 | Revision ID Metal                                                             | 0x0 (0x0)                  |
| 1443 | Revision ID Base                                                              | TPS65988 (0x4)             | 1469 | Revision ID Base                                                              | TPS65988 (0x4)             |
| 1444 |                                                                               |                            | 1470 |                                                                               |                            |
| 1445 | Build Identifier (0x2e) - (0x38313032323131305f653634646266613461343038353633 |                            | 1471 | Build Identifier (0x2e) - (0x38313032323131305f653634646266613461343038353633 |                            |
| 1446 | Build Identifier                                                              |                            | 1472 | Build Identifier                                                              |                            |
| 1447 | Build Identifier 0x38313032323131305f6536346462666134613430383536336162       |                            | 1473 | Build Identifier 0x38313032323131305f6536346462666134613430383536336162       |                            |
| 1448 |                                                                               |                            | 1474 |                                                                               |                            |
| 1449 | Device Info (0x2f) - (0xf7071000324543410000000000316563415a2030302e30312e373 |                            | 1475 | Device Info (0x2f) - (0xf7071000324543410000000000316563415a2030302e30312e373 |                            |
| 1450 | Device Info                                                                   |                            | 1476 | Device Info                                                                   |                            |
| 1451 | Device Info TPS65988 HW0030 FWF707.10.00 ZAce1(00)(00)(00)(00)(00)ACE2(00)(10 |                            | 1477 | Device Info TPS65988 HW0030 FWF707.10.00 ZAce1(00)(00)(00)(00)(00)ACE2(00)(10 |                            |
| 1452 |                                                                               |                            | 1478 |                                                                               |                            |
| 1453 | Received Source Capabilities (0x30) - (0x1900000)                             |                            | 1479 | Received Source Capabilities (0x30) - (0x1900000)                             |                            |
| 1454 | Received Source Capabilities                                                  |                            | 1480 | Received Source Capabilities                                                  |                            |
| 1455 | Number of Source PDOs 0 (0x0)                                                 |                            | 1481 | Number of Source PDOs 0 (0x0)                                                 |                            |
| 1456 |                                                                               |                            | 1482 |                                                                               |                            |
| 1457 | Received Sink Capabilities (0x31) - (0x1900000)                               |                            | 1483 | Received Sink Capabilities (0x31) - (0x1900000)                               |                            |
| 1458 | Received Sink Capabilities                                                    |                            | 1484 | Received Sink Capabilities                                                    |                            |
| 1459 | Number of Sink PDOs 0 (0x0)                                                   |                            | 1485 | Number of Sink PDOs 0 (0x0)                                                   |                            |
| 1460 |                                                                               |                            | 1486 |                                                                               |                            |
| 1461 | Active Contract PDO (0x34) - (0x0)                                            |                            | 1487 | Active Contract PDO (0x34) - (0x0)                                            |                            |
| 1462 | Active Contract PDO                                                           |                            | 1488 | Active Contract PDO                                                           |                            |
| 1463 | Maximum Current 0 A (0x0)                                                     |                            | 1489 | Maximum Current 0 A (0x0)                                                     |                            |
| 1464 | Voltage 0 V (0x0)                                                             |                            | 1490 | Voltage 0 V (0x0)                                                             |                            |
| 1465 | Peak Current 100% (0x0)                                                       |                            | 1491 | Peak Current 100% (0x0)                                                       |                            |
| 1466 | reserved reserved, set 0 (0x0)                                                |                            | 1492 | reserved reserved, set 0 (0x0)                                                |                            |
| 1467 | Supply Type Fixed Source (0x0)                                                |                            | 1493 | Supply Type Fixed Source (0x0)                                                |                            |
| 1468 |                                                                               |                            | 1494 |                                                                               |                            |
| 1469 | Active Contract RDO (0x35) - (0x0)                                            |                            | 1495 | Active Contract RDO (0x35) - (0x0)                                            |                            |
| 1470 | Active Contract RDO                                                           |                            | 1496 | Active Contract RDO                                                           |                            |

|      |                                          |                                                      |      |                                          |                                                      |
|------|------------------------------------------|------------------------------------------------------|------|------------------------------------------|------------------------------------------------------|
| 1471 | Max/Min Operating Current                | 0 A (0x0)                                            | 1497 | Max/Min Operating Current                | 0 A (0x0)                                            |
| 1472 | Operating Current                        | 0 A (0x0)                                            | 1498 | Operating Current                        | 0 A (0x0)                                            |
| 1473 | No USB Suspend                           | False (0x0)                                          | 1499 | No USB Suspend                           | False (0x0)                                          |
| 1474 | USB Communication Capable                | False (0x0)                                          | 1500 | USB Communication Capable                | False (0x0)                                          |
| 1475 | Capability Mismatch                      | False (0x0)                                          | 1501 | Capability Mismatch                      | False (0x0)                                          |
| 1476 | Giveback Flag                            | False (0x0)                                          | 1502 | Giveback Flag                            | False (0x0)                                          |
| 1477 | Object Position                          | 0 (0x0)                                              | 1503 | Object Position                          | 0 (0x0)                                              |
| 1478 |                                          |                                                      | 1504 |                                          |                                                      |
| 1479 | Sink Request RDO (0x36) - (0x0)          |                                                      | 1505 | Sink Request RDO (0x36) - (0x0)          |                                                      |
| 1480 | Sink Request RDO                         |                                                      | 1506 | Sink Request RDO                         |                                                      |
| 1481 | Max/Min Operating Current                | 0 A (0x0)                                            | 1507 | Max/Min Operating Current                | 0 A (0x0)                                            |
| 1482 | Operating Current                        | 0 A (0x0)                                            | 1508 | Operating Current                        | 0 A (0x0)                                            |
| 1483 | No USB Suspend                           | False (0x0)                                          | 1509 | No USB Suspend                           | False (0x0)                                          |
| 1484 | USB Communication Capable                | False (0x0)                                          | 1510 | USB Communication Capable                | False (0x0)                                          |
| 1485 | Capability Mismatch                      | False (0x0)                                          | 1511 | Capability Mismatch                      | False (0x0)                                          |
| 1486 | Giveback Flag                            | False (0x0)                                          | 1512 | Giveback Flag                            | False (0x0)                                          |
| 1487 | Object Position                          | 0 (0x0)                                              | 1513 | Object Position                          | 0 (0x0)                                              |
| 1488 |                                          |                                                      | 1514 |                                          |                                                      |
| 1489 | Power Status (0x3f) - (0x109)            |                                                      | 1515 | Power Status (0x3f) - (0x9)              |                                                      |
| 1490 | Power Status                             |                                                      | 1516 | Power Status                             |                                                      |
| 1491 | Power Connection                         | Connection Present (0x1)                             | 1517 | Power Connection                         | Connection Present (0x1)                             |
| 1492 | Source or Sink                           | Source (0x0)                                         | 1518 | Source or Sink                           | Source (0x0)                                         |
| 1493 | Type-C Current                           | 3A Current (0x2)                                     | 1519 | Type-C Current                           | 3A Current (0x2)                                     |
| 1494 | Charger Detect Status                    | Disabled or Not Run (0x0)                            | 1520 | Charger Detect Status                    | Disabled or Not Run (0x0)                            |
| 1495 | Charger Advertise Status                 | In Progress (0x1)                                    | 1521 | Charger Advertise Status                 | Disabled or Not Run (0x0)                            |
| 1496 |                                          |                                                      | 1522 |                                          |                                                      |
| 1497 | PD Status (0x40) - (0x60)                |                                                      | 1523 | PD Status (0x40) - (0x60)                |                                                      |
| 1498 | PD Status                                |                                                      | 1524 | PD Status                                |                                                      |
| 1499 | Plug Details                             | USB Type-C full-featured plug (0x0)                  | 1525 | Plug Details                             | USB Type-C full-featured plug (0x0)                  |
| 1500 | CC Pull-up                               | Not in CC pull-down mode / no CC pull-up detected. ( | 1526 | CC Pull-up                               | Not in CC pull-down mode / no CC pull-up detected. ( |
| 1501 | Port Type                                | Source (0x2)                                         | 1527 | Port Type                                | Source (0x2)                                         |
| 1502 | Present Role                             | Source (0x1)                                         | 1528 | Present Role                             | Source (0x1)                                         |
| 1503 | Soft Reset Details                       | Reset value, no soft reset (0x0)                     | 1529 | Soft Reset Details                       | Reset value, no soft reset (0x0)                     |
| 1504 | Hard Reset Details                       | Reset value, no hard reset. (0x0)                    | 1530 | Hard Reset Details                       | Reset value, no hard reset. (0x0)                    |
| 1505 |                                          |                                                      | 1531 |                                          |                                                      |
| 1506 | PD3.0 Status (0x41) - (0x0)              |                                                      | 1532 | PD3.0 Status (0x41) - (0x0)              |                                                      |
| 1507 | PD3.0 Status                             |                                                      | 1533 | PD3.0 Status                             |                                                      |
| 1508 | PD3.0 Status                             |                                                      | 1534 | PD3.0 Status                             |                                                      |
| 1509 | Received Message not supported           | 0 (0x0)                                              | 1535 | Received Message not supported           | 0 (0x0)                                              |
| 1510 | Source Capabilities Received Message     | 0 (0x0)                                              | 1536 | Source Capabilities Received Message     | 0 (0x0)                                              |
| 1511 | Security Response Received Message       | 0 (0x0)                                              | 1537 | Security Response Received Message       | 0 (0x0)                                              |
| 1512 | Get Source Capabilities Received Message | 0 (0x0)                                              | 1538 | Get Source Capabilities Received Message | 0 (0x0)                                              |
| 1513 | Security Request Message received        | 0 (0x0)                                              | 1539 | Security Request Message received        | 0 (0x0)                                              |
| 1514 | Port Partner Negotiation SVDM received   | PD Specification revision 1                          | 1540 | Port Partner Negotiation SVDM received   | PD Specification revision 1                          |
| 1515 | Plug Partner Negotiation SVDM received   | PD Specification revision 1                          | 1541 | Plug Partner Negotiation SVDM received   | PD Specification revision 1                          |
| 1516 | Port Partner Negotiation received        | PD Specification revision 1                          | 1542 | Port Partner Negotiation received        | PD Specification revision 1                          |
| 1517 | Plug Partner Negotiation received        | PD Specification revision 1                          | 1543 | Plug Partner Negotiation received        | PD Specification revision 1                          |
| 1518 | Unchunked messages                       | 0 (0x0)                                              | 1544 | Unchunked messages                       | 0 (0x0)                                              |
| 1519 |                                          |                                                      | 1545 |                                          |                                                      |
| 1520 | RX Identity SOP (0x48) - (0x0)           |                                                      | 1546 | RX Identity SOP (0x48) - (0x0)           |                                                      |

|      |                                                        |                                                   |  |      |                                                        |                                                   |  |
|------|--------------------------------------------------------|---------------------------------------------------|--|------|--------------------------------------------------------|---------------------------------------------------|--|
| 1521 | RX Identity SOP                                        |                                                   |  | 1547 | RX Identity SOP                                        |                                                   |  |
| 1522 | VDO configuration                                      |                                                   |  | 1548 | VDO configuration                                      |                                                   |  |
| 1523 | Number of valid VDOs                                   | 0 (0x0)                                           |  | 1549 | Number of valid VDOs                                   | 0 (0x0)                                           |  |
| 1524 | SOP Message Source                                     | SOP Discover Identity request not sent or pending |  | 1550 | SOP Message Source                                     | SOP Discover Identity request not sent or pending |  |
| 1525 | Received VDO                                           |                                                   |  | 1551 | Received VDO                                           |                                                   |  |
| 1526 | IDO Header                                             |                                                   |  | 1552 | UFP IDO Header                                         |                                                   |  |
| 1527 | USB Vendor ID                                          | 0x0 (0x0)                                         |  | 1553 | USB Vendor ID                                          | 0x0 (0x0)                                         |  |
| 1528 | Connector Type                                         | Reserved Legacy (0x0)                             |  | 1554 | Connector Type                                         | Reserved Legacy (0x0)                             |  |
| 1529 | Product Type (DFP)                                     | Undefined (0x0)                                   |  | 1555 | Product Type (DFP)                                     | Undefined (0x0)                                   |  |
| 1530 | Modal Operation Supported                              | False (0x0)                                       |  | 1556 | Modal Operation Supported                              | False (0x0)                                       |  |
| 1531 | Product Type (UFP)                                     | Undefined (0x0)                                   |  | 1557 | Product Type (UFP)                                     | Undefined (0x0)                                   |  |
| 1532 | Data Capable as USB Device                             | False (0x0)                                       |  | 1558 | Data Capable as USB Device                             | False (0x0)                                       |  |
| 1533 | Data Capable as USB Host                               | False (0x0)                                       |  | 1559 | Data Capable as USB Host                               | False (0x0)                                       |  |
| 1534 | Product Vendor Defined Object                          |                                                   |  | 1560 | Product Vendor Defined Object                          |                                                   |  |
| 1535 | BCD Device                                             | 0x0 (0x0)                                         |  | 1561 | BCD Device                                             | 0x0 (0x0)                                         |  |
| 1536 | USB Product ID                                         | 0x0 (0x0)                                         |  | 1562 | USB Product ID                                         | 0x0 (0x0)                                         |  |
| 1537 | Alternate Mode Adapter VDO                             |                                                   |  | 1563 | Alternate Mode Adapter VDO                             |                                                   |  |
| 1538 | USB SS Signalling                                      | USB 2.0 Only (0x0)                                |  | 1564 | USB SS Signalling                                      | USB 2.0 Only (0x0)                                |  |
| 1539 | VBus Required                                          | False (0x0)                                       |  | 1565 | VBus Required                                          | False (0x0)                                       |  |
| 1540 | VConn Required                                         | False (0x0)                                       |  | 1566 | VConn Required                                         | False (0x0)                                       |  |
| 1541 | VConn Power                                            | 1 W (0x0)                                         |  | 1567 | VConn Power                                            | 1 W (0x0)                                         |  |
| 1542 | SSRx 2 Directionality                                  | Fixed (0x0)                                       |  | 1568 | SSRx 2 Directionality                                  | Fixed (0x0)                                       |  |
| 1543 | SSRx 1 Directionality                                  | Fixed (0x0)                                       |  | 1569 | SSRx 1 Directionality                                  | Fixed (0x0)                                       |  |
| 1544 | SSTx 2 Directionality                                  | Fixed (0x0)                                       |  | 1570 | SSTx 2 Directionality                                  | Fixed (0x0)                                       |  |
| 1545 | SSTx 1 Directionality                                  | Fixed (0x0)                                       |  | 1571 | SSTx 1 Directionality                                  | Fixed (0x0)                                       |  |
| 1546 | AMA Firmware Version                                   | 0x0 (0x0)                                         |  | 1572 | AMA Firmware Version                                   | 0x0 (0x0)                                         |  |
| 1547 | AMA Hardware Version                                   | 0x0 (0x0)                                         |  | 1573 | AMA Hardware Version                                   | 0x0 (0x0)                                         |  |
| 1548 | Certification Test ID                                  | 0x0 (0x0)                                         |  | 1574 | Certification Test ID                                  | 0x0 (0x0)                                         |  |
| 1549 | UFP IDO VDO #5                                         | 0x0 (0x0)                                         |  | 1575 | UFP IDO VDO #5                                         | 0x0 (0x0)                                         |  |
| 1550 | UFP IDO VDO #6                                         | 0x0 (0x0)                                         |  | 1576 | UFP IDO VDO #6                                         | 0x0 (0x0)                                         |  |
| 1551 |                                                        |                                                   |  | 1577 |                                                        |                                                   |  |
| 1552 | Received SOP Prime Identity Data Object (0x49) - (0x0) |                                                   |  | 1578 | Received SOP Prime Identity Data Object (0x49) - (0x0) |                                                   |  |
| 1553 | Received SOP Prime Identity Data Object                |                                                   |  | 1579 | Received SOP Prime Identity Data Object                |                                                   |  |
| 1554 | Record Counts                                          |                                                   |  | 1580 | Record Counts                                          |                                                   |  |
| 1555 | Number of Received Identity Objects                    | 0 (0x0)                                           |  | 1581 | Number of Received Identity Objects                    | 0 (0x0)                                           |  |
| 1556 | Received SOP Prime Discover Identity Response          |                                                   |  | 1582 | Received SOP Prime Discover Identity Response          |                                                   |  |
| 1557 | SOP Prime IDO Header                                   |                                                   |  | 1583 | SOP Prime IDO Header                                   |                                                   |  |
| 1558 | USB Vendor ID                                          | 0x0 (0x0)                                         |  | 1584 | USB Vendor ID                                          | 0x0 (0x0)                                         |  |
| 1559 | Connector Type                                         | Reserved Legacy (0x0)                             |  | 1585 | Connector Type                                         | Reserved Legacy (0x0)                             |  |
| 1560 | Product Type (DFP)                                     | Undefined (0x0)                                   |  | 1586 | Product Type (DFP)                                     | Undefined (0x0)                                   |  |
| 1561 | Modal Operation Supported                              | False (0x0)                                       |  | 1587 | Modal Operation Supported                              | False (0x0)                                       |  |
| 1562 | Product Type (UFP)                                     | Undefined (0x0)                                   |  | 1588 | Product Type (UFP)                                     | Undefined (0x0)                                   |  |
| 1563 | Data Capable as USB Device                             | False (0x0)                                       |  | 1589 | Data Capable as USB Device                             | False (0x0)                                       |  |
| 1564 | Data Capable as USB Host                               | False (0x0)                                       |  | 1590 | Data Capable as USB Host                               | False (0x0)                                       |  |
| 1565 | Product Vendor Defined Object                          |                                                   |  | 1591 | Product Vendor Defined Object                          |                                                   |  |
| 1566 | BCD Device                                             | 0x0 (0x0)                                         |  | 1592 | BCD Device                                             | 0x0 (0x0)                                         |  |
| 1567 | USB Product ID                                         | 0x0 (0x0)                                         |  | 1593 | USB Product ID                                         | 0x0 (0x0)                                         |  |
| 1568 | Cable Vendor Defined Object                            |                                                   |  | 1594 | Cable Vendor Defined Object                            |                                                   |  |
| 1569 | USB SS Signalling                                      | USB 2.0 Only (0x0)                                |  | 1595 | USB SS Signalling                                      | USB 2.0 Only (0x0)                                |  |
| 1570 | VBus Current Handling Capability                       | Reserved (0x0)                                    |  | 1596 | SOP" Controller Present                                | False (0x0)                                       |  |

|      |                                            |                                             |      |                                            |                                             |
|------|--------------------------------------------|---------------------------------------------|------|--------------------------------------------|---------------------------------------------|
| 1571 | Maximum Vbus Voltage                       | 20V (0x0)                                   | 1597 | VBus Through Cable                         | False (0x0)                                 |
| 1572 | Cable Termination Type                     | Both Ends Passive, VConn Not Required (0x0) | 1598 | VBus Current Capability                    | 1.5 A (0x0)                                 |
| 1573 | Cable Latency                              | reserved (0000b) (0x0)                      | 1599 | SSRx 2 Directionality                      | Fixed (0x0)                                 |
| 1574 | Type-C Plug to Type-C/Captive              | reserved (0x0)                              | 1600 | SSRx 1 Directionality                      | Fixed (0x0)                                 |
| 1575 | VDO version                                | 0x0 (0x0)                                   | 1601 | SSTx 2 Directionality                      | Fixed (0x0)                                 |
| 1576 | Cable Firmware Version                     | 0x0 (0x0)                                   | 1602 | SSTx 1 Directionality                      | Fixed (0x0)                                 |
| 1577 | Cable Hardware Version                     | 0x0 (0x0)                                   | 1603 | Cable Termination Type                     | Both Ends Passive, VConn Not Required (0x0) |
|      |                                            |                                             | 1604 | Cable Latency                              | reserved (0000b) (0x0)                      |
|      |                                            |                                             | 1605 | Type-C Plug/Receptacle                     | Plug (0x0)                                  |
|      |                                            |                                             | 1606 | Type-C to Type-A/B/C                       | Type-A (0x0)                                |
|      |                                            |                                             | 1607 | Cable Firmware Version                     | 0x0 (0x0)                                   |
|      |                                            |                                             | 1608 | Cable Hardware Version                     | 0x0 (0x0)                                   |
| 1578 | Certification Test ID                      | 0x0 (0x0)                                   | 1609 | Certification Test ID                      | 0x0 (0x0)                                   |
| 1579 | SOP Prime IDO VDO #5                       | 0x0 (0x0)                                   | 1610 | SOP Prime IDO VDO #5                       | 0x0 (0x0)                                   |
| 1580 | SOP Prime IDO VDO #6                       | 0x0 (0x0)                                   | 1611 | SOP Prime IDO VDO #6                       | 0x0 (0x0)                                   |
| 1581 |                                            |                                             | 1612 |                                            |                                             |
| 1582 | RX Attention structured VDM (0x4e) - (0x0) |                                             | 1613 | RX Attention structured VDM (0x4e) - (0x0) |                                             |
| 1583 | RX Attention structured Register           |                                             | 1614 | RX Attention structured Register           |                                             |
| 1584 | RX Attention Status                        |                                             | 1615 | RX Attention Status                        |                                             |
| 1585 | Number of Valid VDOs                       | 0 (0x0)                                     | 1616 | Number of Valid VDOs                       | 0 (0x0)                                     |
| 1586 | Number of Register Updates                 | 0 (0x0)                                     | 1617 | Number of Register Updates                 | 0 (0x0)                                     |
| 1587 | Data Objects Received                      |                                             | 1618 | Data Objects Received                      |                                             |
| 1588 | Data Object 1                              |                                             | 1619 | Data Object 1                              |                                             |
| 1589 | Payload                                    | 0x0 (0x0)                                   | 1620 | Payload                                    | 0x0 (0x0)                                   |
| 1590 | Type                                       | Unstructured (0x0)                          | 1621 | Type                                       | Unstructured (0x0)                          |
| 1591 | SVID                                       | 0x0 (0x0)                                   | 1622 | SVID                                       | 0x0 (0x0)                                   |
| 1592 | Data Object 2                              |                                             | 1623 | Data Object 2                              |                                             |
| 1593 | Data Object 2                              | 0x0 (0x0)                                   | 1624 | Data Object 2                              | 0x0 (0x0)                                   |
| 1594 | Data Object 3                              |                                             | 1625 | Data Object 3                              |                                             |
| 1595 | Data Object 3                              | 0x0 (0x0)                                   | 1626 | Data Object 3                              | 0x0 (0x0)                                   |
| 1596 | Data Object 4                              |                                             | 1627 | Data Object 4                              |                                             |
| 1597 | Data Object 4                              | 0x0 (0x0)                                   | 1628 | Data Object 4                              | 0x0 (0x0)                                   |
| 1598 | Data Object 5                              |                                             | 1629 | Data Object 5                              |                                             |
| 1599 | Data Object 5                              | 0x0 (0x0)                                   | 1630 | Data Object 5                              | 0x0 (0x0)                                   |
| 1600 | Data Object 6                              |                                             | 1631 | Data Object 6                              |                                             |
| 1601 | Data Object 6                              | 0x0 (0x0)                                   | 1632 | Data Object 6                              | 0x0 (0x0)                                   |
| 1602 | Data Object 7                              |                                             | 1633 | Data Object 7                              |                                             |
| 1603 | Data Object 7                              | 0x0 (0x0)                                   | 1634 | Data Object 7                              | 0x0 (0x0)                                   |
| 1604 |                                            |                                             | 1635 |                                            |                                             |
| 1605 | RX VDM Register (0x4f) - (0x0)             |                                             | 1636 | RX VDM Register (0x4f) - (0x0)             |                                             |
| 1606 | RX VDM Register                            |                                             | 1637 | RX VDM Register                            |                                             |
| 1607 | RX VDM Status                              |                                             | 1638 | RX VDM Status                              |                                             |
| 1608 | Number of Valid VDOs                       | 0 (0x0)                                     | 1639 | Number of Valid VDOs                       | 0 (0x0)                                     |
| 1609 | SOP Message Source                         | VDM came from SOP (0x0)                     | 1640 | SOP Message Source                         | VDM came from SOP (0x0)                     |
| 1610 | Number of Register Updates                 | 0 (0x0)                                     | 1641 | Number of Register Updates                 | 0 (0x0)                                     |
| 1611 | Data Objects Received                      |                                             | 1642 | Data Objects Received                      |                                             |
| 1612 | Data Object 1                              |                                             | 1643 | Data Object 1                              |                                             |
| 1613 | Payload                                    | 0x0 (0x0)                                   | 1644 | Payload                                    | 0x0 (0x0)                                   |
| 1614 | Type                                       | Unstructured (0x0)                          | 1645 | Type                                       | Unstructured (0x0)                          |
| 1615 | SVID                                       | 0x0 (0x0)                                   | 1646 | SVID                                       | 0x0 (0x0)                                   |

|      |                                         |                                         |       |      |                                         |                                         |       |
|------|-----------------------------------------|-----------------------------------------|-------|------|-----------------------------------------|-----------------------------------------|-------|
| 1616 | Data Object 2                           |                                         |       | 1647 | Data Object 2                           |                                         |       |
| 1617 | Data Object 2                           | 0x0                                     | (0x0) | 1648 | Data Object 2                           | 0x0                                     | (0x0) |
| 1618 | Data Object 3                           |                                         |       | 1649 | Data Object 3                           |                                         |       |
| 1619 | Data Object 3                           | 0x0                                     | (0x0) | 1650 | Data Object 3                           | 0x0                                     | (0x0) |
| 1620 | Data Object 4                           |                                         |       | 1651 | Data Object 4                           |                                         |       |
| 1621 | Data Object 4                           | 0x0                                     | (0x0) | 1652 | Data Object 4                           | 0x0                                     | (0x0) |
| 1622 | Data Object 5                           |                                         |       | 1653 | Data Object 5                           |                                         |       |
| 1623 | Data Object 5                           | 0x0                                     | (0x0) | 1654 | Data Object 5                           | 0x0                                     | (0x0) |
| 1624 | Data Object 6                           |                                         |       | 1655 | Data Object 6                           |                                         |       |
| 1625 | Data Object 6                           | 0x0                                     | (0x0) | 1656 | Data Object 6                           | 0x0                                     | (0x0) |
| 1626 | Data Object 7                           |                                         |       | 1657 | Data Object 7                           |                                         |       |
| 1627 | Data Object 7                           | 0x0                                     | (0x0) | 1658 | Data Object 7                           | 0x0                                     | (0x0) |
| 1628 |                                         |                                         |       | 1659 |                                         |                                         |       |
| 1629 | User VID Status Register (0x57) - (0x0) |                                         |       | 1660 | User VID Status Register (0x57) - (0x0) |                                         |       |
| 1630 | User VID Status                         |                                         |       | 1661 | User VID Status                         |                                         |       |
| 1631 | User VID Status                         |                                         |       | 1662 | User VID Status                         |                                         |       |
| 1632 | User VID Detected                       | False                                   | (0x0) | 1663 | User VID Detected                       | False                                   | (0x0) |
| 1633 | User VID Active                         | False                                   | (0x0) | 1664 | User VID Active                         | False                                   | (0x0) |
| 1634 | User VID Error Code                     | 0x0                                     | (0x0) | 1665 | User VID Error Code                     | 0x0                                     | (0x0) |
| 1635 | User VID Mode 1 Status                  | False                                   | (0x0) | 1666 | User VID Mode 1 Status                  | False                                   | (0x0) |
| 1636 | User VID Mode 2 Status                  | False                                   | (0x0) | 1667 | User VID Mode 2 Status                  | False                                   | (0x0) |
| 1637 | User VID Mode 3 Status                  | False                                   | (0x0) | 1668 | User VID Mode 3 Status                  | False                                   | (0x0) |
| 1638 | User VID Mode 4 Status                  | False                                   | (0x0) | 1669 | User VID Mode 4 Status                  | False                                   | (0x0) |
| 1639 |                                         |                                         |       | 1670 |                                         |                                         |       |
| 1640 | DP SID Status (0x58) - (0x0)            |                                         |       | 1671 | DP SID Status (0x58) - (0x0)            |                                         |       |
| 1641 | DP SID Status                           |                                         |       | 1672 | DP SID Status                           |                                         |       |
| 1642 | DP Status TX                            |                                         |       | 1673 | DP Status TX                            |                                         |       |
| 1643 | Connection Status                       | Neither DFP_D or UFP_D connected        | (0x0) | 1674 | Connection Status                       | Neither DFP_D or UFP_D connected        | (0x0) |
| 1644 | Power Low                               | Adapter is functioning normally or disa |       | 1675 | Power Low                               | Adapter is functioning normally or disa |       |
| 1645 | Enabled                                 | DP functionality is Disabled            | (0x0) | 1676 | Enabled                                 | DP functionality is Disabled            | (0x0) |
| 1646 | Multi-function Preferred                | No Preference for Multi-function        | (0x0) | 1677 | Multi-function Preferred                | No Preference for Multi-function        | (0x0) |
| 1647 | USB Configuration Request               | Maintain current configuration          | (0x0) | 1678 | USB Configuration Request               | Maintain current configuration          | (0x0) |
| 1648 | Exit DisplayPort Mode Request           | Maintain current mode                   | (0x0) | 1679 | Exit DisplayPort Mode Request           | Maintain current mode                   | (0x0) |
| 1649 | HPD State                               | HPD_Low                                 | (0x0) | 1680 | HPD State                               | HPD_Low                                 | (0x0) |
| 1650 | IRQ HPD                                 | No IRQ_HPD since last status            | (0x0) | 1681 | IRQ HPD                                 | No IRQ_HPD since last status            | (0x0) |
| 1651 | reserved                                | reserved                                | (0x0) | 1682 | reserved                                | reserved                                | (0x0) |
| 1652 | DP Status RX                            |                                         |       | 1683 | DP Status RX                            |                                         |       |
| 1653 | Connection Status                       | Neither DFP_D or UFP_D connected        | (0x0) | 1684 | Connection Status                       | Neither DFP_D or UFP_D connected        | (0x0) |
| 1654 | Power Low                               | Adapter is functioning normally or disa |       | 1685 | Power Low                               | Adapter is functioning normally or disa |       |
| 1655 | Enabled                                 | DP functionality is Disabled            | (0x0) | 1686 | Enabled                                 | DP functionality is Disabled            | (0x0) |
| 1656 | Multi-function Preferred                | No Preference for Multi-function        | (0x0) | 1687 | Multi-function Preferred                | No Preference for Multi-function        | (0x0) |
| 1657 | USB Configuration Request               | Maintain current configuration          | (0x0) | 1688 | USB Configuration Request               | Maintain current configuration          | (0x0) |
| 1658 | Exit DisplayPort Mode Request           | Maintain current mode                   | (0x0) | 1689 | Exit DisplayPort Mode Request           | Maintain current mode                   | (0x0) |
| 1659 | HPD State                               | HPD_Low                                 | (0x0) | 1690 | HPD State                               | HPD_Low                                 | (0x0) |
| 1660 | IRQ HPD                                 | No IRQ_HPD since last status            | (0x0) | 1691 | IRQ HPD                                 | No IRQ_HPD since last status            | (0x0) |
| 1661 | reserved                                | reserved                                | (0x0) | 1692 | reserved                                | reserved                                | (0x0) |
| 1662 | DP Configure                            |                                         |       | 1693 | DP Configure                            |                                         |       |
| 1663 | Select Configuration                    | Set configuration for USB               |       | 1694 | Select Configuration                    | Set configuration for USB               |       |
| 1664 | Supports DP v1.3 signalling             | False                                   | (0x0) | 1695 | Supports DP v1.3 signalling             | False                                   | (0x0) |
| 1665 | Supports USB Gen 2 signalling           | False                                   | (0x0) | 1696 | Supports USB Gen 2 signalling           | False                                   | (0x0) |

|      |                                             |                                         |      |                                             |                                         |
|------|---------------------------------------------|-----------------------------------------|------|---------------------------------------------|-----------------------------------------|
| 1666 | DFPD Receptacle or UFPD Plug Pin Assignment | (none) (0x0)                            | 1697 | DFPD Receptacle or UFPD Plug Pin Assignment | (none) (0x0)                            |
| 1667 | UFPD Receptacle or DFPD Plug Pin Assignment | (none) (0x0)                            | 1698 | UFPD Receptacle or DFPD Plug Pin Assignment | (none) (0x0)                            |
| 1668 | reserved                                    | reserved (0x0)                          | 1699 | reserved                                    | reserved (0x0)                          |
| 1669 | DP Mode Data                                |                                         | 1700 | DP Mode Data                                |                                         |
| 1670 | Port Capability                             | Reserved (0x0)                          | 1701 | Port Capability                             | Reserved (0x0)                          |
| 1671 | Supports DP v1.3 signalling                 | False (0x0)                             | 1702 | Supports DP v1.3 signalling                 | False (0x0)                             |
| 1672 | Supports USB Gen 2 signalling               | False (0x0)                             | 1703 | Supports USB Gen 2 signalling               | False (0x0)                             |
| 1673 | DFPD Receptacle or UFPD Plug Pin Assignment | (none) (0x0)                            | 1704 | DFPD Receptacle or UFPD Plug Pin Assignment | (none) (0x0)                            |
| 1674 | UFPD Receptacle or DFPD Plug Pin Assignment | (none) (0x0)                            | 1705 | UFPD Receptacle or DFPD Plug Pin Assignment | (none) (0x0)                            |
| 1675 | reserved                                    | reserved (0x0)                          | 1706 | reserved                                    | reserved (0x0)                          |
| 1676 | DP Status To Plug                           |                                         | 1707 | DP Status To Plug                           |                                         |
| 1677 | Connection Status                           | Neither DFP_D or UFP_D connected (0x0)  | 1708 | Connection Status                           | Neither DFP_D or UFP_D connected (0x0)  |
| 1678 | Power Low                                   | Adapter is functioning normally or disa | 1709 | Power Low                                   | Adapter is functioning normally or disa |
| 1679 | Enabled                                     | DP functionality is Disabled (0x0)      | 1710 | Enabled                                     | DP functionality is Disabled (0x0)      |
| 1680 | Multi-function Preferred                    | No Preference for Multi-function (0x0)  | 1711 | Multi-function Preferred                    | No Preference for Multi-function (0x0)  |
| 1681 | USB Configuration Request                   | Maintain current configuration (0x0)    | 1712 | USB Configuration Request                   | Maintain current configuration (0x0)    |
| 1682 | Exit DisplayPort Mode Request               | Maintain current mode (0x0)             | 1713 | Exit DisplayPort Mode Request               | Maintain current mode (0x0)             |
| 1683 | HPD State                                   | HPD_Low (0x0)                           | 1714 | HPD State                                   | HPD_Low (0x0)                           |
| 1684 | IRQ HPD                                     | No IRQ_HPDP since last status (0x0)     | 1715 | IRQ HPD                                     | No IRQ_HPDP since last status (0x0)     |
| 1685 | reserved                                    | reserved (0x0)                          | 1716 | reserved                                    | reserved (0x0)                          |
| 1686 | DP Status ACK From Plug                     |                                         | 1717 | DP Status ACK From Plug                     |                                         |
| 1687 | Connection Status                           | Neither DFP_D or UFP_D connected (0x0)  | 1718 | Connection Status                           | Neither DFP_D or UFP_D connected (0x0)  |
| 1688 | Power Low                                   | Adapter is functioning normally or disa | 1719 | Power Low                                   | Adapter is functioning normally or disa |
| 1689 | Enabled                                     | DP functionality is Disabled (0x0)      | 1720 | Enabled                                     | DP functionality is Disabled (0x0)      |
| 1690 | Multi-function Preferred                    | No Preference for Multi-function (0x0)  | 1721 | Multi-function Preferred                    | No Preference for Multi-function (0x0)  |
| 1691 | USB Configuration Request                   | Maintain current configuration (0x0)    | 1722 | USB Configuration Request                   | Maintain current configuration (0x0)    |
| 1692 | Exit DisplayPort Mode Request               | Maintain current mode (0x0)             | 1723 | Exit DisplayPort Mode Request               | Maintain current mode (0x0)             |
| 1693 | HPD State                                   | HPD_Low (0x0)                           | 1724 | HPD State                                   | HPD_Low (0x0)                           |
| 1694 | IRQ HPD                                     | No IRQ_HPDP since last status (0x0)     | 1725 | IRQ HPD                                     | No IRQ_HPDP since last status (0x0)     |
| 1695 | reserved                                    | reserved (0x0)                          | 1726 | reserved                                    | reserved (0x0)                          |
| 1696 | DP Configure to Plug                        |                                         | 1727 | DP Configure to Plug                        |                                         |
| 1697 | Select Configuration                        | Set configuration for USB               | 1728 | Select Configuration                        | Set configuration for USB               |
| 1698 | Supports DP v1.3 signalling                 | False (0x0)                             | 1729 | Supports DP v1.3 signalling                 | False (0x0)                             |
| 1699 | Supports USB Gen 2 signalling               | False (0x0)                             | 1730 | Supports USB Gen 2 signalling               | False (0x0)                             |
| 1700 | DFPD Receptacle or UFPD Plug Pin Assignment | (none) (0x0)                            | 1731 | DFPD Receptacle or UFPD Plug Pin Assignment | (none) (0x0)                            |
| 1701 | UFPD Receptacle or DFPD Plug Pin Assignment | (none) (0x0)                            | 1732 | UFPD Receptacle or DFPD Plug Pin Assignment | (none) (0x0)                            |
| 1702 | reserved                                    | reserved (0x0)                          | 1733 | reserved                                    | reserved (0x0)                          |
| 1703 | DP Configure ACK From Plug                  |                                         | 1734 | DP Configure ACK From Plug                  |                                         |
| 1704 | Select Configuration                        | Set configuration for USB               | 1735 | Select Configuration                        | Set configuration for USB               |
| 1705 | Supports DP v1.3 signalling                 | False (0x0)                             | 1736 | Supports DP v1.3 signalling                 | False (0x0)                             |
| 1706 | Supports USB Gen 2 signalling               | False (0x0)                             | 1737 | Supports USB Gen 2 signalling               | False (0x0)                             |
| 1707 | DFPD Receptacle or UFPD Plug Pin Assignment | (none) (0x0)                            | 1738 | DFPD Receptacle or UFPD Plug Pin Assignment | (none) (0x0)                            |
| 1708 | UFPD Receptacle or DFPD Plug Pin Assignment | (none) (0x0)                            | 1739 | UFPD Receptacle or DFPD Plug Pin Assignment | (none) (0x0)                            |
| 1709 | reserved                                    | reserved (0x0)                          | 1740 | reserved                                    | reserved (0x0)                          |
| 1710 | DP Mode Data, SOP Prime                     |                                         | 1741 | DP Mode Data, SOP Prime                     |                                         |
| 1711 | Port Capability                             | Reserved (0x0)                          | 1742 | Port Capability                             | Reserved (0x0)                          |
| 1712 | Supports DP v1.3 signalling                 | False (0x0)                             | 1743 | Supports DP v1.3 signalling                 | False (0x0)                             |
| 1713 | Supports USB Gen 2 signalling               | False (0x0)                             | 1744 | Supports USB Gen 2 signalling               | False (0x0)                             |
| 1714 | DFPD Receptacle or UFPD Plug Pin Assignment | (none) (0x0)                            | 1745 | DFPD Receptacle or UFPD Plug Pin Assignment | (none) (0x0)                            |
| 1715 | UFPD Receptacle or DFPD Plug Pin Assignment | (none) (0x0)                            | 1746 | UFPD Receptacle or DFPD Plug Pin Assignment | (none) (0x0)                            |

|      |                                                   |                           |      |                                                   |                           |
|------|---------------------------------------------------|---------------------------|------|---------------------------------------------------|---------------------------|
| 1716 | reserved                                          | reserved (0x0)            | 1747 | reserved                                          | reserved (0x0)            |
| 1717 | DP SID Detected                                   | DP SID not detected (0x0) | 1748 | DP SID Detected                                   | DP SID not detected (0x0) |
| 1718 | DP Mode Active                                    | 0x0 (0x0)                 | 1749 | DP Mode Active                                    | 0x0 (0x0)                 |
| 1719 | Error Code                                        | 0x0 (0x0)                 | 1750 | Error Code                                        | 0x0 (0x0)                 |
| 1720 |                                                   |                           | 1751 |                                                   |                           |
| 1721 | TI VID Status Register (0x5b) - (0x0)             |                           | 1752 | TI VID Status Register (0x5b) - (0x0)             |                           |
| 1722 | TI Mode Status                                    |                           | 1753 | TI Mode Status                                    |                           |
| 1723 | Texas Instruments VID Status                      |                           | 1754 | Texas Instruments VID Status                      |                           |
| 1724 | TI VID Status                                     | False (0x0)               | 1755 | TI VID Status                                     | False (0x0)               |
| 1725 | TI PDIO Status                                    | False (0x0)               | 1756 | TI PDIO Status                                    | False (0x0)               |
| 1726 | TI VID Error Code                                 | 0x0 (0x0)                 | 1757 | TI VID Error Code                                 | 0x0 (0x0)                 |
| 1727 |                                                   |                           | 1758 |                                                   |                           |
| 1728 | RX User VID Attention VDM Register (0x60) - (0x0) |                           | 1759 | RX User VID Attention VDM Register (0x60) - (0x0) |                           |
| 1729 | RX User VID Attention VDM Register                |                           | 1760 | RX User VID Attention VDM Register                |                           |
| 1730 | RX Attention Status                               |                           | 1761 | RX Attention Status                               |                           |
| 1731 | Number of Valid VDOs                              | 0 (0x0)                   | 1762 | Number of Valid VDOs                              | 0 (0x0)                   |
| 1732 | Number of Register Updates                        | 0 (0x0)                   | 1763 | Number of Register Updates                        | 0 (0x0)                   |
| 1733 | Data Objects Received                             |                           | 1764 | Data Objects Received                             |                           |
| 1734 | Data Object 1                                     |                           | 1765 | Data Object 1                                     |                           |
| 1735 | Payload                                           | 0x0 (0x0)                 | 1766 | Payload                                           | 0x0 (0x0)                 |
| 1736 | Type                                              | Unstructured (0x0)        | 1767 | Type                                              | Unstructured (0x0)        |
| 1737 | SVID                                              | 0x0 (0x0)                 | 1768 | SVID                                              | 0x0 (0x0)                 |
| 1738 | Data Object 2                                     |                           | 1769 | Data Object 2                                     |                           |
| 1739 | Data Object 2                                     | 0x0 (0x0)                 | 1770 | Data Object 2                                     | 0x0 (0x0)                 |
| 1740 | Data Object 3                                     |                           | 1771 | Data Object 3                                     |                           |
| 1741 | Data Object 3                                     | 0x0 (0x0)                 | 1772 | Data Object 3                                     | 0x0 (0x0)                 |
| 1742 | Data Object 4                                     |                           | 1773 | Data Object 4                                     |                           |
| 1743 | Data Object 4                                     | 0x0 (0x0)                 | 1774 | Data Object 4                                     | 0x0 (0x0)                 |
| 1744 | Data Object 5                                     |                           | 1775 | Data Object 5                                     |                           |
| 1745 | Data Object 5                                     | 0x0 (0x0)                 | 1776 | Data Object 5                                     | 0x0 (0x0)                 |
| 1746 | Data Object 6                                     |                           | 1777 | Data Object 6                                     |                           |
| 1747 | Data Object 6                                     | 0x0 (0x0)                 | 1778 | Data Object 6                                     | 0x0 (0x0)                 |
| 1748 | Data Object 7                                     |                           | 1779 | Data Object 7                                     |                           |
| 1749 | Data Object 7                                     | 0x0 (0x0)                 | 1780 | Data Object 7                                     | 0x0 (0x0)                 |
| 1750 |                                                   |                           | 1781 |                                                   |                           |
| 1751 | RX User VID Other VDM Register (0x61) - (0x0)     |                           | 1782 | RX User VID Other VDM Register (0x61) - (0x0)     |                           |
| 1752 | RX User VID Other VDM Register                    |                           | 1783 | RX User VID Other VDM Register                    |                           |
| 1753 | RX VDM Status                                     |                           | 1784 | RX VDM Status                                     |                           |
| 1754 | Number of Valid VDOs                              | 0 (0x0)                   | 1785 | Number of Valid VDOs                              | 0 (0x0)                   |
| 1755 | Number of Register Updates                        | 0 (0x0)                   | 1786 | Number of Register Updates                        | 0 (0x0)                   |
| 1756 | Data Objects Received                             |                           | 1787 | Data Objects Received                             |                           |
| 1757 | Data Object 1                                     |                           | 1788 | Data Object 1                                     |                           |
| 1758 | Payload                                           | 0x0 (0x0)                 | 1789 | Payload                                           | 0x0 (0x0)                 |
| 1759 | Type                                              | Unstructured (0x0)        | 1790 | Type                                              | Unstructured (0x0)        |
| 1760 | SVID                                              | 0x0 (0x0)                 | 1791 | SVID                                              | 0x0 (0x0)                 |
| 1761 | Data Object 2                                     |                           | 1792 | Data Object 2                                     |                           |
| 1762 | Data Object 2                                     | 0x0 (0x0)                 | 1793 | Data Object 2                                     | 0x0 (0x0)                 |
| 1763 | Data Object 3                                     |                           | 1794 | Data Object 3                                     |                           |
| 1764 | Data Object 3                                     | 0x0 (0x0)                 | 1795 | Data Object 3                                     | 0x0 (0x0)                 |
| 1765 | Data Object 4                                     |                           | 1796 | Data Object 4                                     |                           |

|      |                                                          |                                 |
|------|----------------------------------------------------------|---------------------------------|
| 1766 | Data Object 4                                            | 0x0 (0x0)                       |
| 1767 | Data Object 5                                            |                                 |
| 1768 | Data Object 5                                            | 0x0 (0x0)                       |
| 1769 | Data Object 6                                            |                                 |
| 1770 | Data Object 6                                            | 0x0 (0x0)                       |
| 1771 | Data Object 7                                            |                                 |
| 1772 | Data Object 7                                            | 0x0 (0x0)                       |
| 1773 |                                                          |                                 |
| 1774 | Type C State Register (0x69) - (0x60000201)              |                                 |
| 1775 | Type C State Register                                    |                                 |
| 1776 | CC Pin For PD                                            | C_CC1 is CC pin (0x1)           |
| 1777 | CC1 Pin State                                            | Rd detected (Source only) (0x2) |
| 1778 | CC2 Pin State                                            | Not connected (0x0)             |
| 1779 | Type C Port State                                        | Attached SRC (0x60)             |
| 1780 |                                                          |                                 |
| 1781 | ADC results Register (0x6a) - (0x0)                      |                                 |
| 1782 | ADC results                                              |                                 |
| 1783 | ADC conversion results                                   |                                 |
| 1784 | Single ADC conversion                                    | 0 (0x0)                         |
| 1785 | Channel 1 ADC conversion                                 | 0 (0x0)                         |
| 1786 | Channel 2 ADC conversion                                 | 0 (0x0)                         |
| 1787 | Channel 3 ADC conversion                                 | 0 (0x0)                         |
| 1788 | Channel 4 ADC conversion                                 | 0 (0x0)                         |
| 1789 |                                                          |                                 |
| 1790 | HW control Register (0x6b) - (0x0)                       |                                 |
| 1791 | HW control                                               |                                 |
| 1792 | PWM enable                                               |                                 |
| 1793 | Enable of PWM1                                           | False (0x0)                     |
| 1794 | PWM1 clock source                                        | 100 kHz (0x0)                   |
| 1795 | PWM1 clock period                                        | 0 (0x0)                         |
| 1796 | PWM1 pulse width                                         | 0 (0x0)                         |
| 1797 | PWM 2                                                    |                                 |
| 1798 | Enable of PWM2                                           | False (0x0)                     |
| 1799 | PWM2 clock source                                        | 100 kHz (0x0)                   |
| 1800 | PWM2 clock period                                        | 0 (0x0)                         |
| 1801 | PWM2 pulse width                                         | 0 (0x0)                         |
| 1802 | RCP mode                                                 |                                 |
| 1803 | PP1 Src RCP mode enable                                  | Comparator Mode (0x0)           |
| 1804 | PP1 Snk RCP mode enable                                  | Ideal Diode Mode (0x0)          |
| 1805 | PP2 Src RCP mode enable                                  | Comparator Mode (0x0)           |
| 1806 | PP2 Snk RCP mode enable                                  | Ideal Diode Mode (0x0)          |
| 1807 |                                                          |                                 |
| 1808 | Received Manufacturer Info Data Block SOP (0x71) - (0x0) |                                 |
| 1809 | Received Manufacturer Info Data Block SOP                |                                 |
| 1810 | VID                                                      | 0x0 (0x0)                       |
| 1811 | PID                                                      | 0x0 (0x0)                       |
| 1812 | ManufacturerString                                       | 0x0 (0x0)                       |
| 1813 |                                                          |                                 |
| 1814 | GPIO Status Register (0x72) - (0xf0e700000040)           |                                 |
| 1815 | GPIO Status Register                                     |                                 |

|      |                                             |                                 |
|------|---------------------------------------------|---------------------------------|
| 1797 | Data Object 4                               | 0x0 (0x0)                       |
| 1798 | Data Object 5                               |                                 |
| 1799 | Data Object 5                               | 0x0 (0x0)                       |
| 1800 | Data Object 6                               |                                 |
| 1801 | Data Object 6                               | 0x0 (0x0)                       |
| 1802 | Data Object 7                               |                                 |
| 1803 | Data Object 7                               | 0x0 (0x0)                       |
| 1804 |                                             |                                 |
| 1805 | Type C State Register (0x69) - (0x60000201) |                                 |
| 1806 | Type C State Register                       |                                 |
| 1807 | CC Pin For PD                               | C_CC1 is CC pin (0x1)           |
| 1808 | CC1 Pin State                               | Rd detected (Source only) (0x2) |
| 1809 | CC2 Pin State                               | Not connected (0x0)             |
| 1810 | Type C Port State                           | Attached SRC (0x60)             |
| 1811 |                                             |                                 |
| 1812 | ADC results Register (0x6a) - (0x0)         |                                 |
| 1813 | ADC results                                 |                                 |
| 1814 | ADC conversion results                      |                                 |
| 1815 | Single ADC conversion                       | 0 (0x0)                         |
| 1816 | Channel 1 ADC conversion                    | 0 (0x0)                         |
| 1817 | Channel 2 ADC conversion                    | 0 (0x0)                         |
| 1818 | Channel 3 ADC conversion                    | 0 (0x0)                         |
| 1819 | Channel 4 ADC conversion                    | 0 (0x0)                         |
| 1820 |                                             |                                 |

|      |                                                          |           |     |       |  |  |
|------|----------------------------------------------------------|-----------|-----|-------|--|--|
| 1816 | GPIO0                                                    | Data      | 0x0 | (0x0) |  |  |
| 1817 | GPIO1                                                    | Data      | 0x0 | (0x0) |  |  |
| 1818 | GPIO2                                                    | Data      | 0x0 | (0x0) |  |  |
| 1819 | GPIO3                                                    | Data      | 0x0 | (0x0) |  |  |
| 1820 | GPIO4                                                    | Data      | 0x0 | (0x0) |  |  |
| 1821 | GPIO5                                                    | Data      | 0x0 | (0x0) |  |  |
| 1822 | GPIO6                                                    | Data      | 0x1 | (0x1) |  |  |
| 1823 | GPIO7                                                    | Data      | 0x0 | (0x0) |  |  |
| 1824 | GPIO8                                                    | Data      | 0x0 | (0x0) |  |  |
| 1825 | GPIO9                                                    | Data      | 0x0 | (0x0) |  |  |
| 1826 | GPIO10                                                   | Data      | 0x0 | (0x0) |  |  |
| 1827 | GPIO11                                                   | Data      | 0x0 | (0x0) |  |  |
| 1828 | GPIO12                                                   | Data      | 0x0 | (0x0) |  |  |
| 1829 | GPIO13                                                   | Data      | 0x0 | (0x0) |  |  |
| 1830 | GPIO14                                                   | Data      | 0x0 | (0x0) |  |  |
| 1831 | GPIO15                                                   | Data      | 0x0 | (0x0) |  |  |
| 1832 | GPIO16                                                   | Data      | 0x0 | (0x0) |  |  |
| 1833 | GPIO17                                                   | Data      | 0x0 | (0x0) |  |  |
| 1834 | GPIO18                                                   | Data      | 0x0 | (0x0) |  |  |
| 1835 | GPIO19                                                   | Data      | 0x0 | (0x0) |  |  |
| 1836 | GPIO20                                                   | Data      | 0x0 | (0x0) |  |  |
| 1837 | GPIO21                                                   | Data      | 0x0 | (0x0) |  |  |
| 1838 | GPIO0                                                    | Direction | 0x1 | (0x1) |  |  |
| 1839 | GPIO1                                                    | Direction | 0x1 | (0x1) |  |  |
| 1840 | GPIO2                                                    | Direction | 0x1 | (0x1) |  |  |
| 1841 | GPIO3                                                    | Direction | 0x0 | (0x0) |  |  |
| 1842 | GPIO4                                                    | Direction | 0x0 | (0x0) |  |  |
| 1843 | GPIO5                                                    | Direction | 0x1 | (0x1) |  |  |
| 1844 | GPIO6                                                    | Direction | 0x1 | (0x1) |  |  |
| 1845 | GPIO7                                                    | Direction | 0x1 | (0x1) |  |  |
| 1846 | GPIO8                                                    | Direction | 0x0 | (0x0) |  |  |
| 1847 | GPIO9                                                    | Direction | 0x0 | (0x0) |  |  |
| 1848 | GPIO10                                                   | Direction | 0x0 | (0x0) |  |  |
| 1849 | GPIO11                                                   | Direction | 0x0 | (0x0) |  |  |
| 1850 | GPIO12                                                   | Direction | 0x1 | (0x1) |  |  |
| 1851 | GPIO13                                                   | Direction | 0x1 | (0x1) |  |  |
| 1852 | GPIO14                                                   | Direction | 0x1 | (0x1) |  |  |
| 1853 | GPIO15                                                   | Direction | 0x1 | (0x1) |  |  |
| 1854 | GPIO16                                                   | Direction | 0x0 | (0x0) |  |  |
| 1855 | GPIO17                                                   | Direction | 0x0 | (0x0) |  |  |
| 1856 | GPIO18                                                   | Direction | 0x0 | (0x0) |  |  |
| 1857 | GPIO19                                                   | Direction | 0x0 | (0x0) |  |  |
| 1858 | GPIO20                                                   | Direction | 0x0 | (0x0) |  |  |
| 1859 | GPIO21                                                   | Direction | 0x0 | (0x0) |  |  |
| 1860 |                                                          |           |     |       |  |  |
| 1861 | Received Alert Data Object (ADO) Register (0x74) - (0x0) |           |     |       |  |  |
| 1862 | Received Alert Data Object (ADO) Register                |           |     |       |  |  |
| 1863 | Hot Swap Batteries                                       |           | 0x0 | (0x0) |  |  |
| 1864 | Fixed Batteries                                          |           | 0x0 | (0x0) |  |  |
| 1865 | Alert Type                                               |           | 0x0 | (0x0) |  |  |

|      |                                                                                  |           |
|------|----------------------------------------------------------------------------------|-----------|
| 1866 |                                                                                  |           |
| 1867 | Transmit Alert Data Object (ADO) Register (0x75) - (0x0)                         |           |
| 1868 | Transmit Alert Data Object (ADO) Register                                        |           |
| 1869 | Hot Swap Batteries                                                               | 0x0 (0x0) |
| 1870 | Fixed Batteries                                                                  | 0x0 (0x0) |
| 1871 | Alert Type                                                                       | 0x0 (0x0) |
| 1872 |                                                                                  |           |
| 1873 | Received Source Capabilities Extended Data Block (SCEDB) Register (0x76) - (0x0) |           |
| 1874 | Received Source Capabilities Extended Data Block (SCEDB) Register                |           |
| 1875 | VID                                                                              | 0x0 (0x0) |
| 1876 | PID                                                                              | 0x0 (0x0) |
| 1877 | PXD                                                                              | 0x0 (0x0) |
| 1878 | FW Version                                                                       | 0x0 (0x0) |
| 1879 | HW Version                                                                       | 0x0 (0x0) |
| 1880 | VoltageRegulation                                                                | 0x0 (0x0) |
| 1881 | Holdup Time                                                                      | 0x0 (0x0) |
| 1882 | Compliance                                                                       | 0x0 (0x0) |
| 1883 | TouchCurrent                                                                     | 0x0 (0x0) |
| 1884 | Peak Current 1                                                                   | 0x0 (0x0) |
| 1885 | Peak Current 2                                                                   | 0x0 (0x0) |
| 1886 | Peak Current 3                                                                   | 0x0 (0x0) |
| 1887 | Touch Temperature                                                                | 0x0 (0x0) |
| 1888 | Source Inputs                                                                    | 0x0 (0x0) |
| 1889 | Batteries                                                                        | 0x0 (0x0) |
| 1890 | Source PD Power                                                                  | 0 W (0x0) |
| 1891 |                                                                                  |           |
| 1892 | Received Status Data Block (SDB) Register (0x78) - (0x0)                         |           |
| 1893 | Received Status Data Block (SDB) Register                                        |           |
| 1894 | Internal Temperature                                                             | 0 (0x0)   |
| 1895 | Present Input                                                                    | 0x0 (0x0) |
| 1896 | Present Battery Input                                                            | 0x0 (0x0) |
| 1897 | Event Flags                                                                      | 0x0 (0x0) |
| 1898 | Temperature Status                                                               | 0x0 (0x0) |
| 1899 |                                                                                  |           |
| 1900 | Transmitted Status Data Block (SDB) Register (0x79) - (0x0)                      |           |
| 1901 | Transmitted Status Data Block (SDB) Register                                     |           |
| 1902 | Internal Temperature                                                             | 0 (0x0)   |
| 1903 | Present Input                                                                    | 0x0 (0x0) |
| 1904 | Present Battery Input                                                            | 0x0 (0x0) |
| 1905 | Event Flags                                                                      | 0x0 (0x0) |
| 1906 | Temperature Status                                                               | 0x0 (0x0) |
| 1907 |                                                                                  |           |
| 1908 | Received Battery Status Data Objects (BSDO) Register (0x7a) - (0x0)              |           |
| 1909 | Received Battery Status Data Objects (BSDO) Register                             |           |
| 1910 | Battery Info                                                                     | 0 (0x0)   |
| 1911 | Battery State of Charge (SOC)                                                    | 0x0 (0x0) |
| 1912 | Latest BSDO Fixed Battery 0                                                      | 0x0 (0x0) |
| 1913 | Latest BSDO Fixed Battery 1                                                      | 0x0 (0x0) |
| 1914 | Latest BSDO Fixed Battery 2                                                      | 0x0 (0x0) |
| 1915 | Latest BSDO Fixed Battery 3                                                      | 0x0 (0x0) |

|      |                                                                                              |                         |
|------|----------------------------------------------------------------------------------------------|-------------------------|
| 1916 | Latest BSDO Hot-Swappable Battery 0                                                          | 0x0 (0x0)               |
| 1917 | Latest BSDO Hot-Swappable Battery 1                                                          | 0x0 (0x0)               |
| 1918 | Latest BSDO Hot-Swappable Battery 2                                                          | 0x0 (0x0)               |
| 1919 | Latest BSDO Hot-Swappable Battery 3                                                          | 0x0 (0x0)               |
| 1920 |                                                                                              |                         |
| 1921 | Transmitted Battery Status Data Objects (BSDO) Register (0x7b) - (0x0)                       |                         |
| 1922 | Transmitted Battery Status Data Objects (BSDO) Register                                      |                         |
| 1923 | Battery Info                                                                                 | 0 (0x0)                 |
| 1924 | Battery State of Charge (SOC)                                                                | 0x0 (0x0)               |
| 1925 | Latest BSDO Fixed Battery 0                                                                  | 0x0 (0x0)               |
| 1926 | Latest BSDO Fixed Battery 1                                                                  | 0x0 (0x0)               |
| 1927 | Latest BSDO Fixed Battery 2                                                                  | 0x0 (0x0)               |
| 1928 | Latest BSDO Fixed Battery 3                                                                  | 0x0 (0x0)               |
| 1929 | Latest BSDO Hot-Swappable Battery 0                                                          | 0x0 (0x0)               |
| 1930 | Latest BSDO Hot-Swappable Battery 1                                                          | 0x0 (0x0)               |
| 1931 | Latest BSDO Hot-Swappable Battery 2                                                          | 0x0 (0x0)               |
| 1932 | Latest BSDO Hot-Swappable Battery 3                                                          | 0x0 (0x0)               |
| 1933 |                                                                                              |                         |
| 1934 | Received Battery Capability Data Block (BCDB) Register (0x7c) - (0x0)                        |                         |
| 1935 | Received Battery Capability Data Block (BCDB) Register                                       |                         |
| 1936 | VID                                                                                          | 0 (0x0)                 |
| 1937 | PID                                                                                          | 0x0 (0x0)               |
| 1938 | Battery Design Capacity                                                                      | 0 (0x0)                 |
| 1939 | Battery Last Full Charge Capacity                                                            | 0 (0x0)                 |
| 1940 | Battery Type                                                                                 | 0 (0x0)                 |
| 1941 |                                                                                              |                         |
| 1942 | Received Manufacturer Info Data Block SOPp (MIDB) Register (0x7e) - (0x0)                    |                         |
| 1943 | Received Manufacturer Info Data Block SOPp (MIDB) Register                                   |                         |
| 1944 | VID                                                                                          | 0 (0x0)                 |
| 1945 | PID                                                                                          | 0x0 (0x0)               |
| 1946 | Manufacturer String                                                                          | 0 (0x0)                 |
| 1947 | PK(03)(04)(14)(00)(00)(00)(00)(00)š{ÓVrpu/Keš(00)(00)eš(00)(00),(00)(00)(00)Device 1, port 2 |                         |
| 1948 | Customer Use (0x6) - (0x76543210000000022)                                                   |                         |
| 1949 | Customer Use                                                                                 |                         |
| 1950 | Customer Use Word 1                                                                          | 0x22 (0x22)             |
| 1951 | Customer Use Word 2                                                                          | 0x76543210 (0x76543210) |
| 1952 |                                                                                              |                         |
| 1953 | Interrupt Mask for I2C1 (0x16) - (0x300000000000000fb0e008)                                  |                         |
| 1954 | Interrupt Mask for I2C1                                                                      |                         |
| 1955 | Port Interrupt Mask for I2C1                                                                 |                         |
| 1956 | Soft Reset                                                                                   | False (0x0)             |
| 1957 | Hard Reset                                                                                   | False (0x0)             |
| 1958 | Cable Reset Event                                                                            | False (0x0)             |
| 1959 | Plug Insert or Removal                                                                       | True (0x1)              |
| 1960 | PR Swap Complete                                                                             | False (0x0)             |
| 1961 | DR Swap Complete                                                                             | False (0x0)             |
| 1962 | FR Swap Complete                                                                             | False (0x0)             |
| 1963 | RDO Received from Sink                                                                       | False (0x0)             |
| 1964 | Built-In Self Test                                                                           | False (0x0)             |
| 1965 | Overcurrent Event                                                                            | False (0x0)             |

|      |                                             |             |
|------|---------------------------------------------|-------------|
| 1966 | Attention Received                          | False (0x0) |
| 1967 | Vendor-Defined Message Received             | False (0x0) |
| 1968 | New Contract as Consumer                    | False (0x0) |
| 1969 | New Contract as Provider                    | True (0x1)  |
| 1970 | Source Capabilities Message Ready           | True (0x1)  |
| 1971 | Sink Capabilities Message Ready             | True (0x1)  |
| 1972 | Low Voltage Warning                         | False (0x0) |
| 1973 | PR Swap Requested                           | False (0x0) |
| 1974 | DR Swap Requested                           | False (0x0) |
| 1975 | Goto Min Received                           | False (0x0) |
| 1976 | USB Host Present                            | True (0x1)  |
| 1977 | USB Host Present no longer                  | True (0x1)  |
| 1978 | High Voltage Warning                        | False (0x0) |
| 1979 | PP Switch Changed                           | True (0x1)  |
| 1980 | Power Status Update                         | True (0x1)  |
| 1981 | Data Status Update                          | True (0x1)  |
| 1982 | Status Update                               | True (0x1)  |
| 1983 | PD Status Update                            | True (0x1)  |
| 1984 | VCONN Swap Complete                         | False (0x0) |
| 1985 | VCONN Swap Requested                        | False (0x0) |
| 1986 | CMD1 Complete                               | False (0x0) |
| 1987 | CMD2 Complete                               | False (0x0) |
| 1988 | Error: Device Incompatible                  | False (0x0) |
| 1989 | Error: Cannot Provide Voltage or Current    | False (0x0) |
| 1990 | Error: Can Provide Voltage or Current Later | False (0x0) |
| 1991 | Error: Power Event Occurred                 | False (0x0) |
| 1992 | Error: Missing Get Capabilities Message     | False (0x0) |
| 1993 | Error: Protocol Error                       | False (0x0) |
| 1994 | Error: Message Data                         | False (0x0) |
| 1995 | Error: Discharge Failed                     | False (0x0) |
| 1996 | Sink Transition Complete                    | False (0x0) |
| 1997 | Error: Unable to Source                     | False (0x0) |
| 1998 | Error: BIST Message Ignored                 | False (0x0) |
| 1999 | AM Entry Failure                            | False (0x0) |
| 2000 | AM Entered                                  | False (0x0) |
| 2001 | Vendor Defined Message Sent                 | False (0x0) |
| 2002 | Discover Mode Complete                      | False (0x0) |
| 2003 | Exit Mode Complete                          | False (0x0) |
| 2004 | User SVID Mode Entered                      | False (0x0) |
| 2005 | User SVID Mode Exited                       | False (0x0) |
| 2006 | User SVID Attention VDM Received            | False (0x0) |
| 2007 | User SVID Other VDM Received                | False (0x0) |
| 2008 | DP SID Status Update                        | False (0x0) |
| 2009 | Intel VID Status Update                     | False (0x0) |
| 2010 | PD3 Status Update                           | False (0x0) |
| 2011 | TX Mem Buffer Empty                         | False (0x0) |
| 2012 | RX Mem Buffer Full                          | False (0x0) |
| 2013 | Custom VDM Arrive                           | False (0x0) |
| 2014 | Custom AM Entered                           | False (0x0) |
| 2015 | Custom VDM Message Sent                     | False (0x0) |

|      |                                                             |             |
|------|-------------------------------------------------------------|-------------|
| 2016 | SOC ACK Timeout                                             | False (0x0) |
| 2017 | FRS Signal Received                                         | False (0x0) |
| 2018 | Chunk Response Received                                     | False (0x0) |
| 2019 | Chunk Request Received                                      | False (0x0) |
| 2020 | Alert Message Received                                      | False (0x0) |
| 2021 | Common Interrupt Mask for I2C1                              |             |
| 2022 | Patch Loaded True (0x1)                                     |             |
| 2023 | Ready for Patch True (0x1)                                  |             |
| 2024 |                                                             |             |
| 2025 | Interrupt Mask for I2C2 (0x17) - (0x3000000000000002000008) |             |
| 2026 | Interrupt Event for I2C2                                    |             |
| 2027 | Interrupt Event for I2C2                                    |             |
| 2028 | Soft Reset                                                  | False (0x0) |
| 2029 | Hard Reset                                                  | False (0x0) |
| 2030 | Cable Reset Event                                           | False (0x0) |
| 2031 | Plug Insert or Removal                                      | True (0x1)  |
| 2032 | PR Swap Complete                                            | False (0x0) |
| 2033 | DR Swap Complete                                            | False (0x0) |
| 2034 | FR Swap Complete                                            | False (0x0) |
| 2035 | RDO Received from Sink                                      | False (0x0) |
| 2036 | Built-In Self Test                                          | False (0x0) |
| 2037 | Overcurrent Event                                           | False (0x0) |
| 2038 | Attention Received                                          | False (0x0) |
| 2039 | Vendor-Defined Message Received                             | False (0x0) |
| 2040 | New Contract as Consumer                                    | False (0x0) |
| 2041 | New Contract as Provider                                    | False (0x0) |
| 2042 | Source Capabilities Message Ready                           | False (0x0) |
| 2043 | Sink Capabilities Message Ready                             | False (0x0) |
| 2044 | Low Voltage Warning                                         | False (0x0) |
| 2045 | PR Swap Requested                                           | False (0x0) |
| 2046 | DR Swap Requested                                           | False (0x0) |
| 2047 | Goto Min Received                                           | False (0x0) |
| 2048 | USB Host Present                                            | False (0x0) |
| 2049 | USB Host Present no longer                                  | False (0x0) |
| 2050 | High Voltage Warning                                        | False (0x0) |
| 2051 | PP Switch Changed                                           | False (0x0) |
| 2052 | Power Status Update                                         | False (0x0) |
| 2053 | Data Status Update                                          | True (0x1)  |
| 2054 | Status Update                                               | False (0x0) |
| 2055 | PD Status Update                                            | False (0x0) |
| 2056 | VCONN Swap Complete                                         | False (0x0) |
| 2057 | VCONN Swap Requested                                        | False (0x0) |
| 2058 | CMD1 Complete                                               | False (0x0) |
| 2059 | CMD2 Complete                                               | False (0x0) |
| 2060 | Error: Device Incompatible                                  | False (0x0) |
| 2061 | Error: Cannot Provide Voltage or Current                    | False (0x0) |
| 2062 | Error: Can Provide Voltage or Current Later                 | False (0x0) |
| 2063 | Error: Power Event Occurred                                 | False (0x0) |
| 2064 | Error: Missing Get Capabilities Message                     | False (0x0) |
| 2065 | Error: Protocol Error                                       | False (0x0) |

|      |                                            |                              |
|------|--------------------------------------------|------------------------------|
| 2066 | Error: Message Data                        | False (0x0)                  |
| 2067 | Error: Discharge Failed                    | False (0x0)                  |
| 2068 | Sink Transition Complete                   | False (0x0)                  |
| 2069 | Error: Unable to Source                    | False (0x0)                  |
| 2070 | Error: BIST Message Ignored                | False (0x0)                  |
| 2071 | AM Entry Failure                           | False (0x0)                  |
| 2072 | AM Entered                                 | False (0x0)                  |
| 2073 | Vendor Defined Message Sent                | False (0x0)                  |
| 2074 | Discover Mode Complete                     | False (0x0)                  |
| 2075 | Exit Mode Complete                         | False (0x0)                  |
| 2076 | User SVID Mode Entered                     | False (0x0)                  |
| 2077 | User SVID Mode Exited                      | False (0x0)                  |
| 2078 | User SVID Attention VDM Received           | False (0x0)                  |
| 2079 | User SVID Other VDM Received               | False (0x0)                  |
| 2080 | DP SID Status Update                       | False (0x0)                  |
| 2081 | Intel VID Status Update                    | False (0x0)                  |
| 2082 | PD3 Status Update                          | False (0x0)                  |
| 2083 | TX Mem Buffer Empty                        | False (0x0)                  |
| 2084 | RX Mem Buffer Full                         | False (0x0)                  |
| 2085 | Custom VDM Arrive                          | False (0x0)                  |
| 2086 | Custom AM Entered                          | False (0x0)                  |
| 2087 | Custom VDM Message Sent                    | False (0x0)                  |
| 2088 | SOC ACK Timeout                            | False (0x0)                  |
| 2089 | FRS Signal Received                        | False (0x0)                  |
| 2090 | Chunk Response Received                    | False (0x0)                  |
| 2091 | Chunk Request Received                     | False (0x0)                  |
| 2092 | Alert Message Received                     | False (0x0)                  |
| 2093 | Common Interrupt Mask for I2C1             |                              |
| 2094 | Patch Loaded                               | True (0x1)                   |
| 2095 | Ready for Patch                            | True (0x1)                   |
| 2096 |                                            |                              |
| 2097 | Port Configuration (0x28) - (0x3fb658c9)   |                              |
| 2098 | Port Configuration                         |                              |
| 2099 | Port Configuration                         | DFP (0x1)                    |
| 2100 | Reserved                                   | Reserved, set 0 (0x0)        |
| 2101 | Receptacle Type                            | Standard fully-featured USB- |
| 2102 | Audio Accessory Support                    | True (0x1)                   |
| 2103 | Debug Accessory Support                    | True (0x1)                   |
| 2104 | Type-C Supported Options                   | No Options (0x0)             |
| 2105 | Reserved                                   | Reserved, set 0 (0x0)        |
| 2106 | VConn Supported                            | VCONN supported as DFP/UFP ( |
| 2107 | USB3.0/3.1 Rate                            | USB3 Gen2 signaling rate sup |
| 2108 | Reserved                                   | Reserved, set 0 (0x0)        |
| 2109 | Set UVP to 4.5 V                           | False (0x0)                  |
| 2110 | Under-voltage Protection Trip Point, PP_5V | 20% (0x3)                    |
| 2111 | Under-voltage Protection Usage, PP_HV      | 20% (0x3)                    |
| 2112 | Over Voltage Protection Trip Point         | 24 V (0x3f)                  |
| 2113 | Over Voltage Protection Usage              | Disconnect VBUS if voltage e |
| 2114 | High Voltage Warning Level                 | Warning when source VBUS vol |
| 2115 | Low Voltage Warning Level                  | Warning when source VBUS Vol |

|      |                                                                               |                                           |
|------|-------------------------------------------------------------------------------|-------------------------------------------|
| 2116 | Soft Start Slew Rate                                                          | 0.41 V/mS typical (0x0)                   |
| 2117 | Reserved                                                                      | Reserved, set 0 (0x0)                     |
| 2118 | Set UVP Debounce                                                              | False (0x0)                               |
| 2119 | Reserved                                                                      | Reserved, set 0 (0x0)                     |
| 2120 | Programmable Voltage Threshold                                                | 0 V (0x0)                                 |
| 2121 | Programmable Power Threshold                                                  | 0 W (0x0)                                 |
| 2122 |                                                                               |                                           |
| 2123 | Port Control (0x29) - (0x1a09c046)                                            |                                           |
| 2124 | Port Control                                                                  |                                           |
| 2125 | Type-C Current                                                                | 3 A (strongest pullup) (0x2)              |
| 2126 | PD Mode                                                                       | Legacy USB Host/Source (0x1)              |
| 2127 | Process Swap To Sink                                                          | False (0x0)                               |
| 2128 | Initiate Swap To Sink                                                         | False (0x0)                               |
| 2129 | Process Swap To Source                                                        | True (0x1)                                |
| 2130 | Initiate Swap To Source                                                       | False (0x0)                               |
| 2131 | Reserved                                                                      | Reserved, Set 0 (0x0)                     |
| 2132 | Reserved                                                                      | Reserved, Set 0 (0x0)                     |
| 2133 | Process VCONN Swap                                                            | False (0x0)                               |
| 2134 | Process Swap to UFP                                                           | False (0x0)                               |
| 2135 | Initiate Swap to UFP                                                          | False (0x0)                               |
| 2136 | Process Swap to DFP                                                           | True (0x1)                                |
| 2137 | Initiate Swap to DFP                                                          | True (0x1)                                |
| 2138 | Automatic ID Request                                                          | True (0x1)                                |
| 2139 | AM Intrusive Mode                                                             | Not Supported (0x0)                       |
| 2140 | Force USB Generation 1                                                        | False (0x0)                               |
| 2141 | Externally Powered                                                            | True (0x1)                                |
| 2142 | Automatic Sink Cap                                                            | False (0x0)                               |
| 2143 | Sink Control Bit                                                              | False (0x0)                               |
| 2144 | Reserved                                                                      | Reserved, set 0 (0x0)                     |
| 2145 | 15 kOhm Resistor Present                                                      | False (0x0)                               |
| 2146 | Data Contact Detection Enable                                                 | True (0x1)                                |
| 2147 | Charger Advertise Enable                                                      | DCP Auto Mode 2 (Divider3, 1.2V, BC1.2 sh |
| 2148 | USB Disable                                                                   | False (0x0)                               |
| 2149 | Charger Detect Enable                                                         | Charger Detect Disabled (0x0)             |
| 2150 |                                                                               |                                           |
| 2151 | Transmit Source Capabilities (0x32) - (0x190000000000000000000000000000006412 |                                           |
| 2152 | Transmit Source Capabilities                                                  |                                           |
| 2153 | Tx Source PDO Config                                                          |                                           |
| 2154 | Active PDO Bank                                                               | Use Bank 0 (0x0)                          |
| 2155 | Active PDO Bank Follows EP                                                    | False (0x0)                               |
| 2156 | Transmit Source Send Pending                                                  | False (0x0)                               |
| 2157 | Bank 0 Settings                                                               |                                           |
| 2158 | Source PDO 1                                                                  |                                           |
| 2159 | Switch Source                                                                 | PP2 sources this PDO (0x1)                |
| 2160 | Maximum Current                                                               | 3 A (0x12c)                               |
| 2161 | Voltage                                                                       | 5 V (0x64)                                |
| 2162 | Peak Current                                                                  | 100% (0x0)                                |
| 2163 | reserved                                                                      | reserved, set 0 (0x0)                     |
| 2164 | Unchunked Extended Msg Supported                                              | True (0x1)                                |
| 2165 | USB Capable                                                                   | True (0x1)                                |

|      |                       |                                            |
|------|-----------------------|--------------------------------------------|
| 2166 | USB Suspend Supported | False (0x0)                                |
| 2167 | Supply Type           | Fixed Source (0x0)                         |
| 2168 | Source PDO 2          |                                            |
| 2169 | Advertised Mask       | Always Advertise (0x1)                     |
| 2170 | Switch Source         | PP2 sources this PDO (0x1)                 |
| 2171 | Maximum Current       | 3 A (0x12c)                                |
| 2172 | Voltage               | 9 V (0xb4)                                 |
| 2173 | Peak Current          | 100% (0x0)                                 |
| 2174 | reserved              | reserved, set 0 (0x0)                      |
| 2175 | Supply Type           | Fixed Source (0x0)                         |
| 2176 | Source PDO 3          |                                            |
| 2177 | Advertised Mask       | Always Advertise (0x1)                     |
| 2178 | Switch Source         | PP2 sources this PDO (0x1)                 |
| 2179 | Maximum Current       | 3 A (0x12c)                                |
| 2180 | Voltage               | 15 V (0x12c)                               |
| 2181 | Peak Current          | 100% (0x0)                                 |
| 2182 | reserved              | reserved, set 0 (0x0)                      |
| 2183 | Supply Type           | Fixed Source (0x0)                         |
| 2184 | Source PDO 4          |                                            |
| 2185 | Advertised Mask       | Always Advertise (0x1)                     |
| 2186 | Switch Source         | PP1 sources this PDO (0x0)                 |
| 2187 | Maximum Current       | 3 A (0x12c)                                |
| 2188 | Voltage               | 20 V (0x190)                               |
| 2189 | Peak Current          | 100% (0x0)                                 |
| 2190 | reserved              | reserved, set 0 (0x0)                      |
| 2191 | Supply Type           | Fixed Source (0x0)                         |
| 2192 | Source PDO 5          |                                            |
| 2193 | Advertised Mask       | Advertise only if Externally Powered (0x0) |
| 2194 | Switch Source         | PP1 sources this PDO (0x0)                 |
| 2195 | Maximum Current       | 0 A (0x0)                                  |
| 2196 | Voltage               | 0 V (0x0)                                  |
| 2197 | Peak Current          | 100% (0x0)                                 |
| 2198 | reserved              | reserved, set 0 (0x0)                      |
| 2199 | Supply Type           | Fixed Source (0x0)                         |
| 2200 | Source PDO 6          |                                            |
| 2201 | Advertised Mask       | Advertise only if Externally Powered (0x0) |
| 2202 | Switch Source         | PP1 sources this PDO (0x0)                 |
| 2203 | Maximum Current       | 0 A (0x0)                                  |
| 2204 | Voltage               | 0 V (0x0)                                  |
| 2205 | Peak Current          | 100% (0x0)                                 |
| 2206 | reserved              | reserved, set 0 (0x0)                      |
| 2207 | Supply Type           | Fixed Source (0x0)                         |
| 2208 | Source PDO 7          |                                            |
| 2209 | Advertised Mask       | Advertise only if Externally Powered (0x0) |
| 2210 | Switch Source         | PP1 sources this PDO (0x0)                 |
| 2211 | Maximum Current       | 0 A (0x0)                                  |
| 2212 | Voltage               | 0 V (0x0)                                  |
| 2213 | Peak Current          | 100% (0x0)                                 |
| 2214 | reserved              | reserved, set 0 (0x0)                      |
| 2215 | Supply Type           | Fixed Source (0x0)                         |

|      |                                  |                                            |
|------|----------------------------------|--------------------------------------------|
| 2216 | Number of Bank 0 Source PDOs     | 3 (0x3)                                    |
| 2217 | Bank 1 Settings                  |                                            |
| 2218 | Source PDO 1                     |                                            |
| 2219 | Switch Source                    | PP1 sources this PDO (0x0)                 |
| 2220 | Maximum Current                  | 0 A (0x0)                                  |
| 2221 | Voltage                          | 5 V (0x64)                                 |
| 2222 | Peak Current                     | 100% (0x0)                                 |
| 2223 | reserved                         | reserved, set 0 (0x0)                      |
| 2224 | Unchunked Extended Msg Supported | False (0x0)                                |
| 2225 | USB Capable                      | False (0x0)                                |
| 2226 | USB Suspend Supported            | False (0x0)                                |
| 2227 | Supply Type                      | Fixed Source (0x0)                         |
| 2228 | Source PDO 2                     |                                            |
| 2229 | Advertised Mask                  | Always Advertise (0x1)                     |
| 2230 | Switch Source                    | PP1 sources this PDO (0x0)                 |
| 2231 | Maximum Current                  | 0 A (0x0)                                  |
| 2232 | Voltage                          | 0 V (0x0)                                  |
| 2233 | Peak Current                     | 100% (0x0)                                 |
| 2234 | reserved                         | reserved, set 0 (0x0)                      |
| 2235 | Supply Type                      | Fixed Source (0x0)                         |
| 2236 | Source PDO 3                     |                                            |
| 2237 | Advertised Mask                  | Always Advertise (0x1)                     |
| 2238 | Switch Source                    | PP1 sources this PDO (0x0)                 |
| 2239 | Maximum Current                  | 0 A (0x0)                                  |
| 2240 | Voltage                          | 0 V (0x0)                                  |
| 2241 | Peak Current                     | 100% (0x0)                                 |
| 2242 | reserved                         | reserved, set 0 (0x0)                      |
| 2243 | Supply Type                      | Fixed Source (0x0)                         |
| 2244 | Source PDO 4                     |                                            |
| 2245 | Advertised Mask                  | Always Advertise (0x1)                     |
| 2246 | Switch Source                    | PP1 sources this PDO (0x0)                 |
| 2247 | Maximum Current                  | 0 A (0x0)                                  |
| 2248 | Voltage                          | 0 V (0x0)                                  |
| 2249 | Peak Current                     | 100% (0x0)                                 |
| 2250 | reserved                         | reserved, set 0 (0x0)                      |
| 2251 | Supply Type                      | Fixed Source (0x0)                         |
| 2252 | Source PDO 5                     |                                            |
| 2253 | Advertised Mask                  | Advertise only if Externally Powered (0x0) |
| 2254 | Switch Source                    | PP1 sources this PDO (0x0)                 |
| 2255 | Maximum Current                  | 0 A (0x0)                                  |
| 2256 | Voltage                          | 0 V (0x0)                                  |
| 2257 | Peak Current                     | 100% (0x0)                                 |
| 2258 | reserved                         | reserved, set 0 (0x0)                      |
| 2259 | Supply Type                      | Fixed Source (0x0)                         |
| 2260 | Source PDO 6                     |                                            |
| 2261 | Advertised Mask                  | Advertise only if Externally Powered (0x0) |
| 2262 | Switch Source                    | PP1 sources this PDO (0x0)                 |
| 2263 | Maximum Current                  | 0 A (0x0)                                  |
| 2264 | Voltage                          | 0 V (0x0)                                  |
| 2265 | Peak Current                     | 100% (0x0)                                 |

|      |                                                                                  |                                            |
|------|----------------------------------------------------------------------------------|--------------------------------------------|
| 2266 | reserved                                                                         | reserved, set 0 (0x0)                      |
| 2267 | Supply Type                                                                      | Fixed Source (0x0)                         |
| 2268 | Source PDO 7                                                                     |                                            |
| 2269 | Advertised Mask                                                                  | Advertise only if Externally Powered (0x0) |
| 2270 | Switch Source                                                                    | PP1 sources this PDO (0x0)                 |
| 2271 | Maximum Current                                                                  | 0 A (0x0)                                  |
| 2272 | Voltage                                                                          | 0 V (0x0)                                  |
| 2273 | Peak Current                                                                     | 100% (0x0)                                 |
| 2274 | reserved                                                                         | reserved, set 0 (0x0)                      |
| 2275 | Supply Type                                                                      | Fixed Source (0x0)                         |
| 2276 | Number of Bank 1 Source PDOs                                                     | 0 (0x0)                                    |
| 2277 |                                                                                  |                                            |
| 2278 | Transmit Sink Capabilities (0x33) - (0x4001692c4001692c000000000000000000000000) |                                            |
| 2279 | Transmit Sink Capabilities                                                       |                                            |
| 2280 | Sink PDO Count                                                                   |                                            |
| 2281 | Number of Sink PDOs                                                              | 0 (0x0)                                    |
| 2282 | Sink PDO 1                                                                       |                                            |
| 2283 | Operating Current                                                                | 0.9 A (0x5a)                               |
| 2284 | Voltage                                                                          | 5 V (0x64)                                 |
| 2285 | Peak Current                                                                     | 100% (0x0)                                 |
| 2286 | reserved                                                                         | reserved, set 0 (0x0)                      |
| 2287 | Fast Role Swap required USB Type-C Current                                       | Fast Swap not Supported (0x0)              |
| 2288 | Higher Capability                                                                | True (0x1)                                 |
| 2289 | Supply Type                                                                      | Fixed Sink (0x0)                           |
| 2290 | Maximum Operating Current                                                        | 3 A (0x12c)                                |
| 2291 | Minimum Operating Current                                                        | 0.9 A (0x5a)                               |
| 2292 | Ask For Max                                                                      | True (0x1)                                 |
| 2293 | Sink PDO 2                                                                       |                                            |
| 2294 | Operating Current                                                                | 0.9 A (0x5a)                               |
| 2295 | Minimum Voltage                                                                  | 5 V (0x64)                                 |
| 2296 | Maximum Voltage                                                                  | 20 V (0x190)                               |
| 2297 | Supply Type                                                                      | Variable Sink (0x2)                        |
| 2298 | Maximum Operating Current                                                        | 3 A (0x12c)                                |
| 2299 | Minimum Operating Current                                                        | 0.9 A (0x5a)                               |
| 2300 | Ask For Max                                                                      | True (0x1)                                 |
| 2301 | Sink PDO 3                                                                       |                                            |
| 2302 | Operating Current                                                                | 0 A (0x0)                                  |
| 2303 | Voltage                                                                          | 0 V (0x0)                                  |
| 2304 | Peak Current                                                                     | 100% (0x0)                                 |
| 2305 | reserved                                                                         | reserved, set 0 (0x0)                      |
| 2306 | Supply Type                                                                      | Fixed Sink (0x0)                           |
| 2307 | Maximum Operating Current                                                        | 0 A (0x0)                                  |
| 2308 | Minimum Operating Current                                                        | 0 A (0x0)                                  |
| 2309 | Ask For Max                                                                      | False (0x0)                                |
| 2310 | Sink PDO 4                                                                       |                                            |
| 2311 | Operating Current                                                                | 0 A (0x0)                                  |
| 2312 | Voltage                                                                          | 0 V (0x0)                                  |
| 2313 | Peak Current                                                                     | 100% (0x0)                                 |
| 2314 | reserved                                                                         | reserved, set 0 (0x0)                      |
| 2315 | Supply Type                                                                      | Fixed Sink (0x0)                           |

|      |                                                       |                            |
|------|-------------------------------------------------------|----------------------------|
| 2316 | Maximum Operating Current                             | 0 A (0x0)                  |
| 2317 | Minimum Operating Current                             | 0 A (0x0)                  |
| 2318 | Ask For Max                                           | False (0x0)                |
| 2319 | Sink PDO 5                                            |                            |
| 2320 | Operating Current                                     | 0 A (0x0)                  |
| 2321 | Voltage                                               | 0 V (0x0)                  |
| 2322 | Peak Current                                          | 100% (0x0)                 |
| 2323 | reserved                                              | reserved, set 0 (0x0)      |
| 2324 | Supply Type                                           | Fixed Sink (0x0)           |
| 2325 | Maximum Operating Current                             | 0 A (0x0)                  |
| 2326 | Minimum Operating Current                             | 0 A (0x0)                  |
| 2327 | Ask For Max                                           | False (0x0)                |
| 2328 | Sink PDO 6                                            |                            |
| 2329 | Operating Current                                     | 0 A (0x0)                  |
| 2330 | Voltage                                               | 0 V (0x0)                  |
| 2331 | Peak Current                                          | 100% (0x0)                 |
| 2332 | reserved                                              | reserved, set 0 (0x0)      |
| 2333 | Supply Type                                           | Fixed Sink (0x0)           |
| 2334 | Maximum Operating Current                             | 0 A (0x0)                  |
| 2335 | Minimum Operating Current                             | 0 A (0x0)                  |
| 2336 | Ask For Max                                           | False (0x0)                |
| 2337 |                                                       |                            |
| 2338 | Autonegotiate Sink (0x37) - (0x190c800000000003d3d6f) |                            |
| 2339 | Autonegotitate Sink                                   |                            |
| 2340 | General Settings                                      |                            |
| 2341 | Autonegotiate Sink Enable                             | True (0x1)                 |
| 2342 | Autonegotiate Variable Sink Enable                    | True (0x1)                 |
| 2343 | Autonegotiate Battery Sink Enable                     | True (0x1)                 |
| 2344 | USB Communication Capable                             | True (0x1)                 |
| 2345 | Offer Priority                                        | Choose Highest Power (0x2) |
| 2346 | No USB Suspend                                        | True (0x1)                 |
| 2347 | Giveback Flag                                         | False (0x0)                |
| 2348 | Power Settings                                        |                            |
| 2349 | Auto Compute Sink Min Power                           | True (0x1)                 |
| 2350 | Auto Negotiate Sink Min Required Power                | 15.25 W (0x3d)             |
| 2351 |                                                       |                            |
| 2352 | Alternate Mode Entry Queue (0x38) - (0x1ff0100018087) |                            |
| 2353 | Alternate Mode Entry Queue                            |                            |
| 2354 | Alternate Mode Entry Queue record #1                  |                            |
| 2355 | SVID (Standard or Vendor ID)                          | 0x8087 (0x8087)            |
| 2356 | Mode Position                                         | 0x1 (0x1)                  |
| 2357 | Limited Entry                                         | False (0x0)                |
| 2358 | Alternate Mode Entry Queue record #2                  |                            |
| 2359 | SVID (Standard or Vendor ID)                          | 0xff01 (0xff01)            |
| 2360 | Mode Position                                         | 0x1 (0x1)                  |
| 2361 | Limited Entry                                         | False (0x0)                |
| 2362 | Alternate Mode Entry Queue record #3                  |                            |
| 2363 | SVID (Standard or Vendor ID)                          | 0x0 (0x0)                  |
| 2364 | Mode Position                                         | 0x0 (0x0)                  |
| 2365 | Limited Entry                                         | False (0x0)                |

[illegible]

|      |                                                  |                                    |
|------|--------------------------------------------------|------------------------------------|
| 2416 | Maximum Vbus Voltage                             | 20V (0x0)                          |
| 2417 | Cable Termination Type                           | Both Ends Passive, VConn Not Requi |
| 2418 | Cable Latency                                    | reserved (0000b) (0x0)             |
| 2419 | Type-C Plug to Type-C/Captive                    | reserved (0x0)                     |
| 2420 | VDO version                                      | 0x0 (0x0)                          |
| 2421 | Cable Firmware Version                           | 0x0 (0x0)                          |
| 2422 | Cable Hardware Version                           | 0x0 (0x0)                          |
| 2423 | Certification Test ID                            | 0x0 (0x0)                          |
| 2424 | SOP' (Tethered Plug) IDO VDO #5                  | 0x0 (0x0)                          |
| 2425 | SOP' (Tethered Plug) IDO VDO #6                  | 0x0 (0x0)                          |
| 2426 |                                                  |                                    |
| 2427 | User Alternate Mode Config (0x4a) - (0x0)        |                                    |
| 2428 | User Alternate Mode Config                       |                                    |
| 2429 | General Settings                                 |                                    |
| 2430 | User VID Enabled                                 | False (0x0)                        |
| 2431 | User Alternate Mode VID (Vendor ID)              | 0x0 (0x0)                          |
| 2432 | User VID Mode 1 Enabled                          | False (0x0)                        |
| 2433 | User VID Mode 2 Enabled                          | False (0x0)                        |
| 2434 | User VID Mode 3 Enabled                          | False (0x0)                        |
| 2435 | User VID Mode 4 Enabled                          | False (0x0)                        |
| 2436 | User Alternate Mode #1 Settings                  |                                    |
| 2437 | Mode Value                                       | 0x0 (0x0)                          |
| 2438 | User VID Mode Load App Config Data               | False (0x0)                        |
| 2439 | User VID Mode Auto Send Unstructed VDM           | False (0x0)                        |
| 2440 | User VID Mode Autoentry Enabled                  | False (0x0)                        |
| 2441 | User Alternate Mode #2 Settings                  |                                    |
| 2442 | Mode Value                                       | 0x0 (0x0)                          |
| 2443 | User VID Mode Load App Config Data               | False (0x0)                        |
| 2444 | User VID Mode Auto Send Unstructed VDM           | False (0x0)                        |
| 2445 | User VID Mode Autoentry Enabled                  | False (0x0)                        |
| 2446 | User Alternate Mode #3 Settings                  |                                    |
| 2447 | Mode Value                                       | 0x0 (0x0)                          |
| 2448 | User VID Mode Load App Config Data               | False (0x0)                        |
| 2449 | User VID Mode Auto Send Unstructed VDM           | False (0x0)                        |
| 2450 | User VID Mode Autoentry Enabled                  | False (0x0)                        |
| 2451 | User Alternate Mode #4 Settings                  |                                    |
| 2452 | Mode Value                                       | 0x0 (0x0)                          |
| 2453 | User VID Mode Load App Config Data               | False (0x0)                        |
| 2454 | User VID Mode Auto Send Unstructed VDM           | False (0x0)                        |
| 2455 | User VID Mode Autoentry Enabled                  | False (0x0)                        |
| 2456 | Unstructured VDM Settings                        |                                    |
| 2457 | User VID Auto Send VDO Data                      | 0x0 (0x0)                          |
| 2458 | User VID Auto Send Vendor Data                   | 0x0 (0x0)                          |
| 2459 | User Mode Auto Send VDO Count                    | 0 (0x0)                            |
| 2460 |                                                  |                                    |
| 2461 | Display Port Capabilities (0x51) - (0x20c1c4000) |                                    |
| 2462 | Display Port Capabilities                        |                                    |
| 2463 | Enable Display Port SVID                         | False (0x0)                        |
| 2464 | Enable Display Port Mode 1                       | False (0x0)                        |
| 2465 | DP Port Capability                               | DP Disabled (0x0)                  |

|      |                                                        |                     |
|------|--------------------------------------------------------|---------------------|
| 2466 | Supports DP v1.3 signalling                            | False (0x0)         |
| 2467 | Supports USB Gen 2 signalling                          | False (0x0)         |
| 2468 | DP Receptacle Indication                               | Receptacle (0x1)    |
| 2469 | USB2.0 Signalling Not Used                             | False (0x0)         |
| 2470 | DFPD Receptacle or UFPD Plug Pin Assignment            | C, D, E (0x1c)      |
| 2471 | UFPD Receptacle or DFPD Plug Pin Assignment            | C, D (0xc)          |
| 2472 | Multifunction Preferred                                | False (0x0)         |
| 2473 | Preferred DP Role                                      | Prefers DFP_D (0x1) |
| 2474 | DFP_D / UFP_D Connected                                | No Connection (0x0) |
| 2475 | DisplayPort Mode Auto Entry Allowed                    | False (0x0)         |
| 2476 | Reserved, Set 0                                        | 0 (0x0)             |
| 2477 |                                                        |                     |
| 2478 | I2C Master Configuration (0x64) - (0x0)                |                     |
| 2479 | Slave Address Configuration                            |                     |
| 2480 | Slave 1 Configuration                                  |                     |
| 2481 | Slave 1 I2C Address                                    | 0x0 (0x0)           |
| 2482 | Slave 1 Master Selection                               | I2C1 (0x0)          |
| 2483 | Slave 2 Configuration                                  |                     |
| 2484 | Slave 2 I2C Address                                    | 0x0 (0x0)           |
| 2485 | Slave 2 Master Selection                               | I2C1 (0x0)          |
| 2486 | Slave 3 Configuration                                  |                     |
| 2487 | Slave 3 I2C Address                                    | 0x0 (0x0)           |
| 2488 | Slave 3 Master Selection                               | I2C1 (0x0)          |
| 2489 | Slave 4 Configuration                                  |                     |
| 2490 | Slave 4 I2C Address                                    | 0x0 (0x0)           |
| 2491 | Slave 4 Master Selection                               | I2C1 (0x0)          |
| 2492 | Slave 5 Configuration                                  |                     |
| 2493 | Slave 5 I2C Address                                    | 0x0 (0x0)           |
| 2494 | Slave 5 Master Selection                               | I2C1 (0x0)          |
| 2495 | Slave 6 Configuration                                  |                     |
| 2496 | Slave 6 I2C Address                                    | 0x0 (0x0)           |
| 2497 | Slave 6 Master Selection                               | I2C1 (0x0)          |
| 2498 | Slave 7 Configuration                                  |                     |
| 2499 | Slave 7 I2C Address                                    | 0x0 (0x0)           |
| 2500 | Slave 7 Master Selection                               | I2C1 (0x0)          |
| 2501 | Slave 8 Configuration                                  |                     |
| 2502 | Slave 8 I2C Address                                    | 0x0 (0x0)           |
| 2503 | Slave 8 Master Selection                               | I2C1 (0x0)          |
| 2504 | Redriver 1 Configuration                               |                     |
| 2505 | Redriver 1 I2C Address                                 | 0x0 (0x0)           |
| 2506 | Redriver 1 Master Selection                            | I2C1 (0x0)          |
| 2507 | Redriver 2 Configuration                               |                     |
| 2508 | Redriver 2 I2C Address                                 | 0x0 (0x0)           |
| 2509 | Redriver 2 Master Selection                            | I2C1 (0x0)          |
| 2510 |                                                        |                     |
| 2511 | App configuration Register (0x6c) - (0x0)              |                     |
| 2512 | App configuration                                      |                     |
| 2513 | App Config Group 1 Settings                            |                     |
| 2514 | App Config Mask, GPIO High Transition or User AM Enter | None (0x0)          |
| 2515 | App Config Mask, GPIO Low Transition or User AM Exit   | None (0x0)          |

|      |                                                                                  |                             |
|------|----------------------------------------------------------------------------------|-----------------------------|
| 2516 | Command Channel to use for Command (not Task) Slot                               | CMD1 (0x08) (0              |
| 2517 | Command Channel to use for Command or Task Slot                                  | CMD1 (0x08) (0              |
| 2518 | Alt Mode Entry / GPIO High 4CC Command (not Task)                                | Unknown (0x0)               |
| 2519 | Alt Mode Entry / GPIO High 4CC Command or Task                                   | Unknown (0x0)               |
| 2520 | Alt Mode Exit / GPIO Low 4CC Command (not Task)                                  | Unknown (0x0)               |
| 2521 | Alt Mode Exit / GPIO Low 4CC Command or Task                                     | Unknown (0x0)               |
| 2522 | App Config Group 2 Settings                                                      |                             |
| 2523 | App Config Mask, GPIO High Transition or User AM Enter                           | None (0x0)                  |
| 2524 | App Config Mask, GPIO Low Transition or User AM Exit                             | None (0x0)                  |
| 2525 | Command Channel to use for Command (not Task) Slot                               | CMD1 (0x08) (0              |
| 2526 | Command Channel to use for Command or Task Slot                                  | CMD1 (0x08) (0              |
| 2527 | Alt Mode Entry / GPIO High 4CC Command (not Task)                                | Unknown (0x0)               |
| 2528 | Alt Mode Entry / GPIO High 4CC Command or Task                                   | Unknown (0x0)               |
| 2529 | Alt Mode Exit / GPIO Low 4CC Command (not Task)                                  | Unknown (0x0)               |
| 2530 | Alt Mode Exit / GPIO Low 4CC Command or Task                                     | Unknown (0x0)               |
| 2531 | App Config Group 3 Settings                                                      |                             |
| 2532 | App Config Mask, GPIO High Transition or User AM Enter                           | None (0x0)                  |
| 2533 | App Config Mask, GPIO Low Transition or User AM Exit                             | None (0x0)                  |
| 2534 | Command Channel to use for Command (not Task) Slot                               | CMD1 (0x08) (0              |
| 2535 | Command Channel to use for Command or Task Slot                                  | CMD1 (0x08) (0              |
| 2536 | Alt Mode Entry / GPIO High 4CC Command (not Task)                                | Unknown (0x0)               |
| 2537 | Alt Mode Entry / GPIO High 4CC Command or Task                                   | Unknown (0x0)               |
| 2538 | Alt Mode Exit / GPIO Low 4CC Command (not Task)                                  | Unknown (0x0)               |
| 2539 | Alt Mode Exit / GPIO Low 4CC Command or Task                                     | Unknown (0x0)               |
| 2540 |                                                                                  |                             |
| 2541 | Tx Manufacturer Info SOP (0x73) - (0x0)                                          |                             |
| 2542 | Tx Manufacturer Info SOP                                                         |                             |
| 2543 | Vendor ID                                                                        | 0x0 (0x0)                   |
| 2544 | Product ID                                                                       | 0x0 (0x0)                   |
| 2545 | Manufacturer String                                                              | 0x0 (0x0)                   |
| 2546 |                                                                                  |                             |
| 2547 | Tx Source Capabilities Extended Data Block (0x77) - (0x2d0000000000000000000000) |                             |
| 2548 | Tx Source Capabilities Extended Data Block                                       |                             |
| 2549 | Identification                                                                   |                             |
| 2550 | Vendor ID (VID)                                                                  | 0x0 (0x0)                   |
| 2551 | Product ID (PID)                                                                 | 0x0 (0x0)                   |
| 2552 | Manufacturer ID (XID)                                                            | 0x0 (0x0)                   |
| 2553 | Version                                                                          |                             |
| 2554 | Firmware Version                                                                 | 0x0 (0x0)                   |
| 2555 | Hardware Version                                                                 | 0x0 (0x0)                   |
| 2556 | Voltage Regulation                                                               |                             |
| 2557 | Load Step                                                                        | 150 mA/uSec Load Step (0x0) |
| 2558 | Ioc                                                                              | 25% IoC (0x0)               |
| 2559 | Compliance                                                                       |                             |
| 2560 | LPS Compliant                                                                    | False (0x0)                 |
| 2561 | PS1 Compliant                                                                    | False (0x0)                 |
| 2562 | PS2 Compliant                                                                    | False (0x0)                 |
| 2563 | Touch Current                                                                    |                             |
| 2564 | Low Touch Current EPS                                                            | False (0x0)                 |
| 2565 | Ground Pin Supported                                                             | False (0x0)                 |

|      |                                          |                             |
|------|------------------------------------------|-----------------------------|
| 2566 | Ground Pin Intended for Protective Earth | False (0x0)                 |
| 2567 | Peak Current 1                           |                             |
| 2568 | Peak Overload Current                    | 0 % (0x0)                   |
| 2569 | Overload Period                          | 0 mS (0x0)                  |
| 2570 | Duty Cycle                               | 0 % (0x0)                   |
| 2571 | VBus Droop                               | False (0x0)                 |
| 2572 | Peak Current 2                           |                             |
| 2573 | Peak Overload Current                    | 0 % (0x0)                   |
| 2574 | Overload Period                          | 0 mS (0x0)                  |
| 2575 | Duty Cycle                               | 0 % (0x0)                   |
| 2576 | VBus Droop                               | False (0x0)                 |
| 2577 | Peak Current 3                           |                             |
| 2578 | Peak Overload Current                    | 0 % (0x0)                   |
| 2579 | Overload Period                          | 0 mS (0x0)                  |
| 2580 | Duty Cycle                               | 0 % (0x0)                   |
| 2581 | VBus Droop                               | False (0x0)                 |
| 2582 | Touch Temperature                        |                             |
| 2583 | Touch Temperature                        | IEC 60950-1 Compliant (0x0) |
| 2584 | Source Inputs                            |                             |
| 2585 | External Supply Present                  | False (0x0)                 |
| 2586 | External Supply is Unconstrained         | False (0x0)                 |
| 2587 | Internal Battery Present                 | False (0x0)                 |
| 2588 | Number of Batteries                      |                             |
| 2589 | Number of Fixed Batteries                | 0 (0x0)                     |
| 2590 | Number of Hot-swappable Batteries        | 0 (0x0)                     |
| 2591 | Holdup Time                              | 0x0 (0x0)                   |
| 2592 | Source PD Power                          | 45 W (0x2d)                 |
| 2593 |                                          |                             |
| 2594 | Tx Battery Capabilities (0x7d) - (0x0)   |                             |
| 2595 | Tx Battery Capabilities                  |                             |
| 2596 | Fixed Battery #1 Capabilities            |                             |
| 2597 | Vendor ID                                | 0x0 (0x0)                   |
| 2598 | Product ID                               | 0x0 (0x0)                   |
| 2599 | Battery Design Capacity                  | 0x0 (0x0)                   |
| 2600 | Battery Last Full Charge Capacity        | 0x0 (0x0)                   |
| 2601 | Battery Type                             | 0x0 (0x0)                   |
| 2602 | Fixed Battery #2 Capabilities            |                             |
| 2603 | Vendor ID                                | 0x0 (0x0)                   |
| 2604 | Product ID                               | 0x0 (0x0)                   |
| 2605 | Battery Design Capacity                  | 0x0 (0x0)                   |
| 2606 | Battery Last Full Charge Capacity        | 0x0 (0x0)                   |
| 2607 | Battery Type                             | 0x0 (0x0)                   |
| 2608 | Fixed Battery #3 Capabilities            |                             |
| 2609 | Vendor ID                                | 0x0 (0x0)                   |
| 2610 | Product ID                               | 0x0 (0x0)                   |
| 2611 | Battery Design Capacity                  | 0x0 (0x0)                   |
| 2612 | Battery Last Full Charge Capacity        | 0x0 (0x0)                   |
| 2613 | Battery Type                             | 0x0 (0x0)                   |
| 2614 | Fixed Battery #4 Capabilities            |                             |
| 2615 | Vendor ID                                | 0x0 (0x0)                   |

|      |                                                                                                  |       |       |
|------|--------------------------------------------------------------------------------------------------|-------|-------|
| 2616 | Product ID                                                                                       | 0x0   | (0x0) |
| 2617 | Battery Design Capacity                                                                          | 0x0   | (0x0) |
| 2618 | Battery Last Full Charge Capacity                                                                | 0x0   | (0x0) |
| 2619 | Battery Type                                                                                     | 0x0   | (0x0) |
| 2620 | Hot-Pluggable Battery #1 Capabilities                                                            |       |       |
| 2621 | Vendor ID                                                                                        | 0x0   | (0x0) |
| 2622 | Product ID                                                                                       | 0x0   | (0x0) |
| 2623 | Battery Design Capacity                                                                          | 0x0   | (0x0) |
| 2624 | Battery Last Full Charge Capacity                                                                | 0x0   | (0x0) |
| 2625 | Battery Type                                                                                     | 0x0   | (0x0) |
| 2626 | Hot-Pluggable Battery #2 Capabilities                                                            |       |       |
| 2627 | Vendor ID                                                                                        | 0x0   | (0x0) |
| 2628 | Product ID                                                                                       | 0x0   | (0x0) |
| 2629 | Battery Design Capacity                                                                          | 0x0   | (0x0) |
| 2630 | Battery Last Full Charge Capacity                                                                | 0x0   | (0x0) |
| 2631 | Battery Type                                                                                     | 0x0   | (0x0) |
| 2632 | Hot-Pluggable Battery #3 Capabilities                                                            |       |       |
| 2633 | Vendor ID                                                                                        | 0x0   | (0x0) |
| 2634 | Product ID                                                                                       | 0x0   | (0x0) |
| 2635 | Battery Design Capacity                                                                          | 0x0   | (0x0) |
| 2636 | Battery Last Full Charge Capacity                                                                | 0x0   | (0x0) |
| 2637 | Battery Type                                                                                     | 0x0   | (0x0) |
| 2638 |                                                                                                  |       |       |
| 2639 | Tx Manufacturer Info SOP Prime (0x7f) - (0x0)                                                    |       |       |
| 2640 | Tx Manufacturer Info SOP                                                                         |       |       |
| 2641 | Vendor ID                                                                                        | 0x0   | (0x0) |
| 2642 | Product ID                                                                                       | 0x0   | (0x0) |
| 2643 | Manufacturer String                                                                              | 0x0   | (0x0) |
| 2644 | PK(03)(04)(14)(00)(00)(00)(00)(00)æ{ÓV"²_,(14)Ÿ(00)(00)(14)Ÿ(00)(00)\$ (00)(00)(00)Device 1, por |       |       |
| 2645 | Command Register for CMD1 (0x8) - (0x0)                                                          |       |       |
| 2646 | Command Register for CMD1                                                                        |       |       |
| 2647 | 4cc Command                                                                                      | (0x0) |       |
| 2648 |                                                                                                  |       |       |
| 2649 | Data Register for CMD1 (0x9) - (0x0)                                                             |       |       |
| 2650 | Data Register for CMD1                                                                           |       |       |
| 2651 | Word 1 (Least Significant)                                                                       | 0x0   | (0x0) |
| 2652 | Word 2                                                                                           | 0x0   | (0x0) |
| 2653 | Word 3                                                                                           | 0x0   | (0x0) |
| 2654 | Word 4                                                                                           | 0x0   | (0x0) |
| 2655 | Word 5                                                                                           | 0x0   | (0x0) |
| 2656 | Word 6                                                                                           | 0x0   | (0x0) |
| 2657 | Word 7                                                                                           | 0x0   | (0x0) |
| 2658 | Word 8                                                                                           | 0x0   | (0x0) |
| 2659 | Word 9                                                                                           | 0x0   | (0x0) |
| 2660 | Word 10                                                                                          | 0x0   | (0x0) |
| 2661 | Word 11                                                                                          | 0x0   | (0x0) |
| 2662 | Word 12                                                                                          | 0x0   | (0x0) |
| 2663 | Word 13                                                                                          | 0x0   | (0x0) |
| 2664 | Word 14                                                                                          | 0x0   | (0x0) |
| 2665 | Word 15                                                                                          | 0x0   | (0x0) |

|      |                                                              |             |  |
|------|--------------------------------------------------------------|-------------|--|
| 2666 | Word 16                                                      | 0x0 (0x0)   |  |
| 2667 |                                                              |             |  |
| 2668 | Command Register for CMD2 (0x10) - (0x0)                     |             |  |
| 2669 | Command Register for CMD2                                    |             |  |
| 2670 | 4cc Command                                                  | (0x0)       |  |
| 2671 |                                                              |             |  |
| 2672 | Data Register for CMD2 (0x11) - (0x0)                        |             |  |
| 2673 | Data Register for CMD2                                       |             |  |
| 2674 | Word 1 (Least Significant)                                   | 0x0 (0x0)   |  |
| 2675 | Word 2                                                       | 0x0 (0x0)   |  |
| 2676 | Word 3                                                       | 0x0 (0x0)   |  |
| 2677 | Word 4                                                       | 0x0 (0x0)   |  |
| 2678 | Word 5                                                       | 0x0 (0x0)   |  |
| 2679 | Word 6                                                       | 0x0 (0x0)   |  |
| 2680 | Word 7                                                       | 0x0 (0x0)   |  |
| 2681 | Word 8                                                       | 0x0 (0x0)   |  |
| 2682 | Word 9                                                       | 0x0 (0x0)   |  |
| 2683 | Word 10                                                      | 0x0 (0x0)   |  |
| 2684 | Word 11                                                      | 0x0 (0x0)   |  |
| 2685 | Word 12                                                      | 0x0 (0x0)   |  |
| 2686 | Word 13                                                      | 0x0 (0x0)   |  |
| 2687 | Word 14                                                      | 0x0 (0x0)   |  |
| 2688 | Word 15                                                      | 0x0 (0x0)   |  |
| 2689 | Word 16                                                      | 0x0 (0x0)   |  |
| 2690 |                                                              |             |  |
| 2691 | Interrupt Event for I2C1 (0x14) - (0x1000000000000000800000) |             |  |
| 2692 | Interrupt Event for I2C1                                     |             |  |
| 2693 | Interrupt Event for I2C1                                     |             |  |
| 2694 | Soft Reset                                                   | False (0x0) |  |
| 2695 | Hard Reset                                                   | False (0x0) |  |
| 2696 | Cable Reset Event                                            | False (0x0) |  |
| 2697 | Plug Insert or Removal                                       | False (0x0) |  |
| 2698 | PR Swap Complete                                             | False (0x0) |  |
| 2699 | DR Swap Complete                                             | False (0x0) |  |
| 2700 | FR Swap Complete                                             | False (0x0) |  |
| 2701 | RDO Received from Sink                                       | False (0x0) |  |
| 2702 | Built-In Self Test                                           | False (0x0) |  |
| 2703 | Overcurrent Event                                            | False (0x0) |  |
| 2704 | Attention Received                                           | False (0x0) |  |
| 2705 | Vendor-Defined Message Received                              | False (0x0) |  |
| 2706 | New Contract as Consumer                                     | False (0x0) |  |
| 2707 | New Contract as Provider                                     | False (0x0) |  |
| 2708 | Source Capabilities Message Ready                            | False (0x0) |  |
| 2709 | Sink Capabilities Message Ready                              | False (0x0) |  |
| 2710 | Low Voltage Warning                                          | False (0x0) |  |
| 2711 | PR Swap Requested                                            | False (0x0) |  |
| 2712 | DR Swap Requested                                            | False (0x0) |  |
| 2713 | Goto Min Received                                            | False (0x0) |  |
| 2714 | USB Host Present                                             | False (0x0) |  |
| 2715 | USB Host Present no longer                                   | False (0x0) |  |

|      |                                                                |             |
|------|----------------------------------------------------------------|-------------|
| 2716 | High Voltage Warning                                           | False (0x0) |
| 2717 | PP Switch Changed                                              | True (0x1)  |
| 2718 | Power Status Update                                            | False (0x0) |
| 2719 | Data Status Update                                             | False (0x0) |
| 2720 | Status Update                                                  | False (0x0) |
| 2721 | PD Status Update                                               | False (0x0) |
| 2722 | VCONN Swap Complete                                            | False (0x0) |
| 2723 | VCONN Swap Requested                                           | False (0x0) |
| 2724 | CMD1 Complete                                                  | False (0x0) |
| 2725 | CMD2 Complete                                                  | False (0x0) |
| 2726 | Error: Device Incompatible                                     | False (0x0) |
| 2727 | Error: Cannot Provide Voltage or Current                       | False (0x0) |
| 2728 | Error: Can Provide Voltage or Current Later                    | False (0x0) |
| 2729 | Error: Power Event Occurred                                    | False (0x0) |
| 2730 | Error: Missing Get Capabilities Message                        | False (0x0) |
| 2731 | Error: Protocol Error                                          | False (0x0) |
| 2732 | Error: Message Data                                            | False (0x0) |
| 2733 | Error: Discharge Failed                                        | False (0x0) |
| 2734 | Sink Transition Complete                                       | False (0x0) |
| 2735 | Error: Unable to Source                                        | False (0x0) |
| 2736 | Error: BIST Message Ignored                                    | False (0x0) |
| 2737 | AM Entry Failure                                               | False (0x0) |
| 2738 | AM Entered                                                     | False (0x0) |
| 2739 | Vendor Defined Message Sent                                    | False (0x0) |
| 2740 | Discover Mode Complete                                         | False (0x0) |
| 2741 | Exit Mode Complete                                             | False (0x0) |
| 2742 | User SVID Mode Entered                                         | False (0x0) |
| 2743 | User SVID Mode Exited                                          | False (0x0) |
| 2744 | User SVID Attention VDM Received                               | False (0x0) |
| 2745 | User SVID Other VDM Received                                   | False (0x0) |
| 2746 | DP SID Status Update                                           | False (0x0) |
| 2747 | Intel VID Status Update                                        | False (0x0) |
| 2748 | PD3 Status Update                                              | False (0x0) |
| 2749 | TX Mem Buffer Empty                                            | False (0x0) |
| 2750 | RX Mem Buffer Full                                             | False (0x0) |
| 2751 | Custom VDM Arrive                                              | False (0x0) |
| 2752 | Custom AM Entered                                              | False (0x0) |
| 2753 | Custom VDM Message Sent                                        | False (0x0) |
| 2754 | SOC ACK Timeout                                                | False (0x0) |
| 2755 | FRS Signal Received                                            | False (0x0) |
| 2756 | Chunk Response Received                                        | False (0x0) |
| 2757 | Chunk Request Received                                         | False (0x0) |
| 2758 | Alert Message Received                                         | False (0x0) |
| 2759 | Common Interrupt Mask for I2C1                                 |             |
| 2760 | Patch Loaded                                                   | True (0x1)  |
| 2761 | Ready for Patch                                                | False (0x0) |
| 2762 |                                                                |             |
| 2763 | Interrupt Event for I2C2 (0x15) - (0x100000000000000000000000) |             |
| 2764 | Interrupt Event for I2C2                                       |             |
| 2765 | Interrupt Event for I2C2                                       |             |

|      |                                             |             |
|------|---------------------------------------------|-------------|
| 2766 | Soft Reset                                  | False (0x0) |
| 2767 | Hard Reset                                  | False (0x0) |
| 2768 | Cable Reset Event                           | False (0x0) |
| 2769 | Plug Insert or Removal                      | False (0x0) |
| 2770 | PR Swap Complete                            | False (0x0) |
| 2771 | DR Swap Complete                            | False (0x0) |
| 2772 | FR Swap Complete                            | False (0x0) |
| 2773 | RDO Received from Sink                      | False (0x0) |
| 2774 | Built-In Self Test                          | False (0x0) |
| 2775 | Overcurrent Event                           | False (0x0) |
| 2776 | Attention Received                          | False (0x0) |
| 2777 | Vendor-Defined Message Received             | False (0x0) |
| 2778 | New Contract as Consumer                    | False (0x0) |
| 2779 | New Contract as Provider                    | False (0x0) |
| 2780 | Source Capabilities Message Ready           | False (0x0) |
| 2781 | Sink Capabilities Message Ready             | False (0x0) |
| 2782 | Low Voltage Warning                         | False (0x0) |
| 2783 | PR Swap Requested                           | False (0x0) |
| 2784 | DR Swap Requested                           | False (0x0) |
| 2785 | Goto Min Received                           | False (0x0) |
| 2786 | USB Host Present                            | False (0x0) |
| 2787 | USB Host Present no longer                  | False (0x0) |
| 2788 | High Voltage Warning                        | False (0x0) |
| 2789 | PP Switch Changed                           | False (0x0) |
| 2790 | Power Status Update                         | False (0x0) |
| 2791 | Data Status Update                          | False (0x0) |
| 2792 | Status Update                               | False (0x0) |
| 2793 | PD Status Update                            | False (0x0) |
| 2794 | VCONN Swap Complete                         | False (0x0) |
| 2795 | VCONN Swap Requested                        | False (0x0) |
| 2796 | CMD1 Complete                               | False (0x0) |
| 2797 | CMD2 Complete                               | False (0x0) |
| 2798 | Error: Device Incompatible                  | False (0x0) |
| 2799 | Error: Cannot Provide Voltage or Current    | False (0x0) |
| 2800 | Error: Can Provide Voltage or Current Later | False (0x0) |
| 2801 | Error: Power Event Occurred                 | False (0x0) |
| 2802 | Error: Missing Get Capabilities Message     | False (0x0) |
| 2803 | Error: Protocol Error                       | False (0x0) |
| 2804 | Error: Message Data                         | False (0x0) |
| 2805 | Error: Discharge Failed                     | False (0x0) |
| 2806 | Sink Transition Complete                    | False (0x0) |
| 2807 | Error: Unable to Source                     | False (0x0) |
| 2808 | Error: BIST Message Ignored                 | False (0x0) |
| 2809 | AM Entry Failure                            | False (0x0) |
| 2810 | AM Entered                                  | False (0x0) |
| 2811 | Vendor Defined Message Sent                 | False (0x0) |
| 2812 | Discover Mode Complete                      | False (0x0) |
| 2813 | Exit Mode Complete                          | False (0x0) |
| 2814 | User SVID Mode Entered                      | False (0x0) |
| 2815 | User SVID Mode Exited                       | False (0x0) |

|      |                                                              |             |
|------|--------------------------------------------------------------|-------------|
| 2816 | User SVID Attention VDM Received                             | False (0x0) |
| 2817 | User SVID Other VDM Received                                 | False (0x0) |
| 2818 | DP SID Status Update                                         | False (0x0) |
| 2819 | Intel VID Status Update                                      | False (0x0) |
| 2820 | PD3 Status Update                                            | False (0x0) |
| 2821 | TX Mem Buffer Empty                                          | False (0x0) |
| 2822 | RX Mem Buffer Full                                           | False (0x0) |
| 2823 | Custom VDM Arrive                                            | False (0x0) |
| 2824 | Custom AM Entered                                            | False (0x0) |
| 2825 | Custom VDM Message Sent                                      | False (0x0) |
| 2826 | SOC ACK Timeout                                              | False (0x0) |
| 2827 | FRS Signal Received                                          | False (0x0) |
| 2828 | Chunk Response Received                                      | False (0x0) |
| 2829 | Chunk Request Received                                       | False (0x0) |
| 2830 | Alert Message Received                                       | False (0x0) |
| 2831 | Common Interrupt Mask for I2C1                               |             |
| 2832 | Patch Loaded                                                 | True (0x1)  |
| 2833 | Ready for Patch                                              | False (0x0) |
| 2834 |                                                              |             |
| 2835 | Interrupt Clear for I2C1 (0x18) - (0x1000000000000000800000) |             |
| 2836 | Interrupt Event for I2C1                                     |             |
| 2837 | Interrupt Event for I2C1                                     |             |
| 2838 | Soft Reset                                                   | False (0x0) |
| 2839 | Hard Reset                                                   | False (0x0) |
| 2840 | Cable Reset Event                                            | False (0x0) |
| 2841 | Plug Insert or Removal                                       | False (0x0) |
| 2842 | PR Swap Complete                                             | False (0x0) |
| 2843 | DR Swap Complete                                             | False (0x0) |
| 2844 | FR Swap Complete                                             | False (0x0) |
| 2845 | RDO Received from Sink                                       | False (0x0) |
| 2846 | Built-In Self Test                                           | False (0x0) |
| 2847 | Overcurrent Event                                            | False (0x0) |
| 2848 | Attention Received                                           | False (0x0) |
| 2849 | Vendor-Defined Message Received                              | False (0x0) |
| 2850 | New Contract as Consumer                                     | False (0x0) |
| 2851 | New Contract as Provider                                     | False (0x0) |
| 2852 | Source Capabilities Message Ready                            | False (0x0) |
| 2853 | Sink Capabilities Message Ready                              | False (0x0) |
| 2854 | Low Voltage Warning                                          | False (0x0) |
| 2855 | PR Swap Requested                                            | False (0x0) |
| 2856 | DR Swap Requested                                            | False (0x0) |
| 2857 | Goto Min Received                                            | False (0x0) |
| 2858 | USB Host Present                                             | False (0x0) |
| 2859 | USB Host Present no longer                                   | False (0x0) |
| 2860 | High Voltage Warning                                         | False (0x0) |
| 2861 | PP Switch Changed                                            | True (0x1)  |
| 2862 | Power Status Update                                          | False (0x0) |
| 2863 | Data Status Update                                           | False (0x0) |
| 2864 | Status Update                                                | False (0x0) |
| 2865 | PD Status Update                                             | False (0x0) |

|      |                                                                |             |
|------|----------------------------------------------------------------|-------------|
| 2866 | VCONN Swap Complete                                            | False (0x0) |
| 2867 | VCONN Swap Requested                                           | False (0x0) |
| 2868 | CMD1 Complete                                                  | False (0x0) |
| 2869 | CMD2 Complete                                                  | False (0x0) |
| 2870 | Error: Device Incompatible                                     | False (0x0) |
| 2871 | Error: Cannot Provide Voltage or Current                       | False (0x0) |
| 2872 | Error: Can Provide Voltage or Current Later                    | False (0x0) |
| 2873 | Error: Power Event Occurred                                    | False (0x0) |
| 2874 | Error: Missing Get Capabilities Message                        | False (0x0) |
| 2875 | Error: Protocol Error                                          | False (0x0) |
| 2876 | Error: Message Data                                            | False (0x0) |
| 2877 | Error: Discharge Failed                                        | False (0x0) |
| 2878 | Sink Transition Complete                                       | False (0x0) |
| 2879 | Error: Unable to Source                                        | False (0x0) |
| 2880 | Error: BIST Message Ignored                                    | False (0x0) |
| 2881 | AM Entry Failure                                               | False (0x0) |
| 2882 | AM Entered                                                     | False (0x0) |
| 2883 | Vendor Defined Message Sent                                    | False (0x0) |
| 2884 | Discover Mode Complete                                         | False (0x0) |
| 2885 | Exit Mode Complete                                             | False (0x0) |
| 2886 | User SVID Mode Entered                                         | False (0x0) |
| 2887 | User SVID Mode Exited                                          | False (0x0) |
| 2888 | User SVID Attention VDM Received                               | False (0x0) |
| 2889 | User SVID Other VDM Received                                   | False (0x0) |
| 2890 | DP SID Status Update                                           | False (0x0) |
| 2891 | Intel VID Status Update                                        | False (0x0) |
| 2892 | PD3 Status Update                                              | False (0x0) |
| 2893 | TX Mem Buffer Empty                                            | False (0x0) |
| 2894 | RX Mem Buffer Full                                             | False (0x0) |
| 2895 | Custom VDM Arrive                                              | False (0x0) |
| 2896 | Custom AM Entered                                              | False (0x0) |
| 2897 | Custom VDM Message Sent                                        | False (0x0) |
| 2898 | SOC ACK Timeout                                                | False (0x0) |
| 2899 | FRS Signal Received                                            | False (0x0) |
| 2900 | Chunk Response Received                                        | False (0x0) |
| 2901 | Chunk Request Received                                         | False (0x0) |
| 2902 | Alert Message Received                                         | False (0x0) |
| 2903 | Common Interrupt Mask for I2C1                                 |             |
| 2904 | Patch Loaded                                                   | True (0x1)  |
| 2905 | Ready for Patch                                                | False (0x0) |
| 2906 |                                                                |             |
| 2907 | Interrupt Clear for I2C2 (0x19) - (0x100000000000000000000000) |             |
| 2908 | Interrupt Event for I2C2                                       |             |
| 2909 | Interrupt Event for I2C2                                       |             |
| 2910 | Soft Reset                                                     | False (0x0) |
| 2911 | Hard Reset                                                     | False (0x0) |
| 2912 | Cable Reset Event                                              | False (0x0) |
| 2913 | Plug Insert or Removal                                         | False (0x0) |
| 2914 | PR Swap Complete                                               | False (0x0) |
| 2915 | DR Swap Complete                                               | False (0x0) |

|      |                                             |             |
|------|---------------------------------------------|-------------|
| 2916 | FR Swap Complete                            | False (0x0) |
| 2917 | RDO Received from Sink                      | False (0x0) |
| 2918 | Built-In Self Test                          | False (0x0) |
| 2919 | Overcurrent Event                           | False (0x0) |
| 2920 | Attention Received                          | False (0x0) |
| 2921 | Vendor-Defined Message Received             | False (0x0) |
| 2922 | New Contract as Consumer                    | False (0x0) |
| 2923 | New Contract as Provider                    | False (0x0) |
| 2924 | Source Capabilities Message Ready           | False (0x0) |
| 2925 | Sink Capabilities Message Ready             | False (0x0) |
| 2926 | Low Voltage Warning                         | False (0x0) |
| 2927 | PR Swap Requested                           | False (0x0) |
| 2928 | DR Swap Requested                           | False (0x0) |
| 2929 | Goto Min Received                           | False (0x0) |
| 2930 | USB Host Present                            | False (0x0) |
| 2931 | USB Host Present no longer                  | False (0x0) |
| 2932 | High Voltage Warning                        | False (0x0) |
| 2933 | PP Switch Changed                           | False (0x0) |
| 2934 | Power Status Update                         | False (0x0) |
| 2935 | Data Status Update                          | False (0x0) |
| 2936 | Status Update                               | False (0x0) |
| 2937 | PD Status Update                            | False (0x0) |
| 2938 | VCONN Swap Complete                         | False (0x0) |
| 2939 | VCONN Swap Requested                        | False (0x0) |
| 2940 | CMD1 Complete                               | False (0x0) |
| 2941 | CMD2 Complete                               | False (0x0) |
| 2942 | Error: Device Incompatible                  | False (0x0) |
| 2943 | Error: Cannot Provide Voltage or Current    | False (0x0) |
| 2944 | Error: Can Provide Voltage or Current Later | False (0x0) |
| 2945 | Error: Power Event Occurred                 | False (0x0) |
| 2946 | Error: Missing Get Capabilities Message     | False (0x0) |
| 2947 | Error: Protocol Error                       | False (0x0) |
| 2948 | Error: Message Data                         | False (0x0) |
| 2949 | Error: Discharge Failed                     | False (0x0) |
| 2950 | Sink Transition Complete                    | False (0x0) |
| 2951 | Error: Unable to Source                     | False (0x0) |
| 2952 | Error: BIST Message Ignored                 | False (0x0) |
| 2953 | AM Entry Failure                            | False (0x0) |
| 2954 | AM Entered                                  | False (0x0) |
| 2955 | Vendor Defined Message Sent                 | False (0x0) |
| 2956 | Discover Mode Complete                      | False (0x0) |
| 2957 | Exit Mode Complete                          | False (0x0) |
| 2958 | User SVID Mode Entered                      | False (0x0) |
| 2959 | User SVID Mode Exited                       | False (0x0) |
| 2960 | User SVID Attention VDM Received            | False (0x0) |
| 2961 | User SVID Other VDM Received                | False (0x0) |
| 2962 | DP SID Status Update                        | False (0x0) |
| 2963 | Intel VID Status Update                     | False (0x0) |
| 2964 | PD3 Status Update                           | False (0x0) |
| 2965 | TX Mem Buffer Empty                         | False (0x0) |

|      |                                                    |                                                 |
|------|----------------------------------------------------|-------------------------------------------------|
| 2966 | RX Mem Buffer Full                                 | False (0x0)                                     |
| 2967 | Custom VDM Arrive                                  | False (0x0)                                     |
| 2968 | Custom AM Entered                                  | False (0x0)                                     |
| 2969 | Custom VDM Message Sent                            | False (0x0)                                     |
| 2970 | SOC ACK Timeout                                    | False (0x0)                                     |
| 2971 | FRS Signal Received                                | False (0x0)                                     |
| 2972 | Chunk Response Received                            | False (0x0)                                     |
| 2973 | Chunk Request Received                             | False (0x0)                                     |
| 2974 | Alert Message Received                             | False (0x0)                                     |
| 2975 | Common Interrupt Mask for I2C1                     |                                                 |
| 2976 | Patch Loaded                                       | True (0x1)                                      |
| 2977 | Ready for Patch                                    | False (0x0)                                     |
| 2978 |                                                    |                                                 |
| 2979 | Status (0x1a) - (0x20)                             |                                                 |
| 2980 | Status                                             |                                                 |
| 2981 | Plug Present                                       | No plug present (0x0)                           |
| 2982 | Conn State                                         | No connection (0x0)                             |
| 2983 | Plug Orientation                                   | Upside-up orientation (plug CC on C_CC1) or or  |
| 2984 | Port Role                                          | PD Controller is Source (C_CCx pull-up active)  |
| 2985 | Data Role                                          | PD Controller is UFP or port is disabled/disco  |
| 2986 | VBUS Status                                        | VBUS is at vSafe0V (less than 0.8V) (0x0)       |
| 2987 | USB Host Present                                   | No far-end device present providing VBUS or PD  |
| 2988 | Acting as Legacy                                   | PD Controller is not in a legacy (non PD mode)  |
| 2989 | Go To Min Active                                   | No PD contract established or GotoMin restrict  |
| 2990 | BIST                                               | No BIST in progress (0x0)                       |
| 2991 | High Voltage Warning                               | PD Controller operating as Sink or VBUS voltage |
| 2992 | Low Voltage Warning                                | PD Controller operating as Sink or VBUS voltage |
| 2993 | SOC ACK Timeout Occurred                           | Unknown (0x0) (0x0)                             |
| 2994 | Alternative Mode Status                            | No Alternate Modes attempted. (0x0)             |
| 2995 |                                                    |                                                 |
| 2996 | Received Source Capabilities (0x30) - (0x19000000) |                                                 |
| 2997 | Received Source Capabilities                       |                                                 |
| 2998 | Number of Source PDOs                              | 0 (0x0)                                         |
| 2999 |                                                    |                                                 |
| 3000 | Received Sink Capabilities (0x31) - (0x19000000)   |                                                 |
| 3001 | Received Sink Capabilities                         |                                                 |
| 3002 | Number of Sink PDOs                                | 0 (0x0)                                         |
| 3003 |                                                    |                                                 |
| 3004 | Active Contract PDO (0x34) - (0x0)                 |                                                 |
| 3005 | Active Contract PDO                                |                                                 |
| 3006 | Maximum Current                                    | 0 A (0x0)                                       |
| 3007 | Voltage                                            | 0 V (0x0)                                       |
| 3008 | Peak Current                                       | 100% (0x0)                                      |
| 3009 | reserved                                           | reserved, set 0 (0x0)                           |
| 3010 | Supply Type                                        | Fixed Source (0x0)                              |
| 3011 |                                                    |                                                 |
| 3012 | Active Contract RDO (0x35) - (0x0)                 |                                                 |
| 3013 | Active Contract RDO                                |                                                 |
| 3014 | Max/Min Operating Current                          | 0 A (0x0)                                       |
| 3015 | Operating Current                                  | 0 A (0x0)                                       |

|      |                                          |                                                      |
|------|------------------------------------------|------------------------------------------------------|
| 3016 | No USB Suspend                           | False (0x0)                                          |
| 3017 | USB Communication Capable                | False (0x0)                                          |
| 3018 | Capability Mismatch                      | False (0x0)                                          |
| 3019 | Giveback Flag                            | False (0x0)                                          |
| 3020 | Object Position                          | 0 (0x0)                                              |
| 3021 |                                          |                                                      |
| 3022 | Sink Request RDO (0x36) - (0x0)          |                                                      |
| 3023 | Sink Request RDO                         |                                                      |
| 3024 | Max/Min Operating Current                | 0 A (0x0)                                            |
| 3025 | Operating Current                        | 0 A (0x0)                                            |
| 3026 | No USB Suspend                           | False (0x0)                                          |
| 3027 | USB Communication Capable                | False (0x0)                                          |
| 3028 | Capability Mismatch                      | False (0x0)                                          |
| 3029 | Giveback Flag                            | False (0x0)                                          |
| 3030 | Object Position                          | 0 (0x0)                                              |
| 3031 |                                          |                                                      |
| 3032 | Power Status (0x3f) - (0x0)              |                                                      |
| 3033 | Power Status                             |                                                      |
| 3034 | Power Connection                         | No Connection (0x0)                                  |
| 3035 | Source or Sink                           | Source (0x0)                                         |
| 3036 | Type-C Current                           | USB Default Current (0x0)                            |
| 3037 | Charger Detect Status                    | Disabled or Not Run (0x0)                            |
| 3038 | Charger Advertise Status                 | Disabled or Not Run (0x0)                            |
| 3039 |                                          |                                                      |
| 3040 | PD Status (0x40) - (0x20)                |                                                      |
| 3041 | PD Status                                |                                                      |
| 3042 | Plug Details                             | USB Type-C full-featured plug (0x0)                  |
| 3043 | CC Pull-up                               | Not in CC pull-down mode / no CC pull-up detected. ( |
| 3044 | Port Type                                | Source (0x2)                                         |
| 3045 | Present Role                             | Sink (0x0)                                           |
| 3046 | Soft Reset Details                       | Reset value, no soft reset (0x0)                     |
| 3047 | Hard Reset Details                       | Reset value, no hard reset. (0x0)                    |
| 3048 |                                          |                                                      |
| 3049 | PD3.0 Status (0x41) - (0x0)              |                                                      |
| 3050 | PD3.0 Status                             |                                                      |
| 3051 | PD3.0 Status                             |                                                      |
| 3052 | Received Message not supported           | 0 (0x0)                                              |
| 3053 | Source Capabilities Received Message     | 0 (0x0)                                              |
| 3054 | Security Response Received Message       | 0 (0x0)                                              |
| 3055 | Get Source Capabilities Received Message | 0 (0x0)                                              |
| 3056 | Security Request Message received        | 0 (0x0)                                              |
| 3057 | Port Partner Negotiation SVDM received   | PD Specification revision 1                          |
| 3058 | Plug Partner Negotiation SVDM received   | PD Specification revision 1                          |
| 3059 | Port Partner Negotiation received        | PD Specification revision 1                          |
| 3060 | Plug Partner Negotiation received        | PD Specification revision 1                          |
| 3061 | Unchunked messages                       | 0 (0x0)                                              |
| 3062 |                                          |                                                      |
| 3063 | RX Identity SOP (0x48) - (0x0)           |                                                      |
| 3064 | RX Identity SOP                          |                                                      |
| 3065 | VDO configuration                        |                                                      |

|      |                                                        |                                                   |
|------|--------------------------------------------------------|---------------------------------------------------|
| 3066 | Number of valid VDOs                                   | 0 (0x0)                                           |
| 3067 | SOP Message Source                                     | SOP Discover Identity request not sent or pending |
| 3068 | Received VDO                                           |                                                   |
| 3069 | IDO Header                                             |                                                   |
| 3070 | USB Vendor ID                                          | 0x0 (0x0)                                         |
| 3071 | Connector Type                                         | Reserved Legacy (0x0)                             |
| 3072 | Product Type (DFP)                                     | Undefined (0x0)                                   |
| 3073 | Modal Operation Supported                              | False (0x0)                                       |
| 3074 | Product Type (UFP)                                     | Undefined (0x0)                                   |
| 3075 | Data Capable as USB Device                             | False (0x0)                                       |
| 3076 | Data Capable as USB Host                               | False (0x0)                                       |
| 3077 | Product Vendor Defined Object                          |                                                   |
| 3078 | BCD Device                                             | 0x0 (0x0)                                         |
| 3079 | USB Product ID                                         | 0x0 (0x0)                                         |
| 3080 | Alternate Mode Adapter VDO                             |                                                   |
| 3081 | USB SS Signalling                                      | USB 2.0 Only (0x0)                                |
| 3082 | VBus Required                                          | False (0x0)                                       |
| 3083 | VConn Required                                         | False (0x0)                                       |
| 3084 | VConn Power                                            | 1 W (0x0)                                         |
| 3085 | SSRx 2 Directionality                                  | Fixed (0x0)                                       |
| 3086 | SSRx 1 Directionality                                  | Fixed (0x0)                                       |
| 3087 | SSTx 2 Directionality                                  | Fixed (0x0)                                       |
| 3088 | SSTx 1 Directionality                                  | Fixed (0x0)                                       |
| 3089 | AMA Firmware Version                                   | 0x0 (0x0)                                         |
| 3090 | AMA Hardware Version                                   | 0x0 (0x0)                                         |
| 3091 | Certification Test ID                                  | 0x0 (0x0)                                         |
| 3092 | UFP IDO VDO #5                                         | 0x0 (0x0)                                         |
| 3093 | UFP IDO VDO #6                                         | 0x0 (0x0)                                         |
| 3094 |                                                        |                                                   |
| 3095 | Received SOP Prime Identity Data Object (0x49) - (0x0) |                                                   |
| 3096 | Received SOP Prime Identity Data Object                |                                                   |
| 3097 | Record Counts                                          |                                                   |
| 3098 | Number of Received Identity Objects                    | 0 (0x0)                                           |
| 3099 | Received SOP Prime Discover Identity Response          |                                                   |
| 3100 | SOP Prime IDO Header                                   |                                                   |
| 3101 | USB Vendor ID                                          | 0x0 (0x0)                                         |
| 3102 | Connector Type                                         | Reserved Legacy (0x0)                             |
| 3103 | Product Type (DFP)                                     | Undefined (0x0)                                   |
| 3104 | Modal Operation Supported                              | False (0x0)                                       |
| 3105 | Product Type (UFP)                                     | Undefined (0x0)                                   |
| 3106 | Data Capable as USB Device                             | False (0x0)                                       |
| 3107 | Data Capable as USB Host                               | False (0x0)                                       |
| 3108 | Product Vendor Defined Object                          |                                                   |
| 3109 | BCD Device                                             | 0x0 (0x0)                                         |
| 3110 | USB Product ID                                         | 0x0 (0x0)                                         |
| 3111 | Cable Vendor Defined Object                            |                                                   |
| 3112 | USB SS Signalling                                      | USB 2.0 Only (0x0)                                |
| 3113 | VBus Current Handling Capability                       | Reserved (0x0)                                    |
| 3114 | Maximum Vbus Voltage                                   | 20V (0x0)                                         |
| 3115 | Cable Termination Type                                 | Both Ends Passive, VConn Not Required             |

|      |                                            |                         |
|------|--------------------------------------------|-------------------------|
| 3116 | Cable Latency                              | reserved (0000b) (0x0)  |
| 3117 | Type-C Plug to Type-C/Captive              | reserved (0x0)          |
| 3118 | VDO version                                | 0x0 (0x0)               |
| 3119 | Cable Firmware Version                     | 0x0 (0x0)               |
| 3120 | Cable Hardware Version                     | 0x0 (0x0)               |
| 3121 | Certification Test ID                      | 0x0 (0x0)               |
| 3122 | SOP Prime IDO VDO #5                       | 0x0 (0x0)               |
| 3123 | SOP Prime IDO VDO #6                       | 0x0 (0x0)               |
| 3124 |                                            |                         |
| 3125 | RX Attention structured VDM (0x4e) - (0x0) |                         |
| 3126 | RX Attention structured Register           |                         |
| 3127 | RX Attention Status                        |                         |
| 3128 | Number of Valid VDOs                       | 0 (0x0)                 |
| 3129 | Number of Register Updates                 | 0 (0x0)                 |
| 3130 | Data Objects Received                      |                         |
| 3131 | Data Object 1                              |                         |
| 3132 | Payload                                    | 0x0 (0x0)               |
| 3133 | Type                                       | Unstructured (0x0)      |
| 3134 | SVID                                       | 0x0 (0x0)               |
| 3135 | Data Object 2                              |                         |
| 3136 | Data Object 2                              | 0x0 (0x0)               |
| 3137 | Data Object 3                              |                         |
| 3138 | Data Object 3                              | 0x0 (0x0)               |
| 3139 | Data Object 4                              |                         |
| 3140 | Data Object 4                              | 0x0 (0x0)               |
| 3141 | Data Object 5                              |                         |
| 3142 | Data Object 5                              | 0x0 (0x0)               |
| 3143 | Data Object 6                              |                         |
| 3144 | Data Object 6                              | 0x0 (0x0)               |
| 3145 | Data Object 7                              |                         |
| 3146 | Data Object 7                              | 0x0 (0x0)               |
| 3147 |                                            |                         |
| 3148 | RX VDM Register (0x4f) - (0x0)             |                         |
| 3149 | RX VDM Register                            |                         |
| 3150 | RX VDM Status                              |                         |
| 3151 | Number of Valid VDOs                       | 0 (0x0)                 |
| 3152 | SOP Message Source                         | VDM came from SOP (0x0) |
| 3153 | Number of Register Updates                 | 0 (0x0)                 |
| 3154 | Data Objects Received                      |                         |
| 3155 | Data Object 1                              |                         |
| 3156 | Payload                                    | 0x0 (0x0)               |
| 3157 | Type                                       | Unstructured (0x0)      |
| 3158 | SVID                                       | 0x0 (0x0)               |
| 3159 | Data Object 2                              |                         |
| 3160 | Data Object 2                              | 0x0 (0x0)               |
| 3161 | Data Object 3                              |                         |
| 3162 | Data Object 3                              | 0x0 (0x0)               |
| 3163 | Data Object 4                              |                         |
| 3164 | Data Object 4                              | 0x0 (0x0)               |
| 3165 | Data Object 5                              |                         |

|      |                                             |                                         |  |
|------|---------------------------------------------|-----------------------------------------|--|
| 3166 | Data Object 5                               | 0x0 (0x0)                               |  |
| 3167 | Data Object 6                               |                                         |  |
| 3168 | Data Object 6                               | 0x0 (0x0)                               |  |
| 3169 | Data Object 7                               |                                         |  |
| 3170 | Data Object 7                               | 0x0 (0x0)                               |  |
| 3171 |                                             |                                         |  |
| 3172 | User VID Status Register (0x57) - (0x0)     |                                         |  |
| 3173 | User VID Status                             |                                         |  |
| 3174 | User VID Status                             |                                         |  |
| 3175 | User VID Detected                           | False (0x0)                             |  |
| 3176 | User VID Active                             | False (0x0)                             |  |
| 3177 | User VID Error Code                         | 0x0 (0x0)                               |  |
| 3178 | User VID Mode 1 Status                      | False (0x0)                             |  |
| 3179 | User VID Mode 2 Status                      | False (0x0)                             |  |
| 3180 | User VID Mode 3 Status                      | False (0x0)                             |  |
| 3181 | User VID Mode 4 Status                      | False (0x0)                             |  |
| 3182 |                                             |                                         |  |
| 3183 | DP SID Status (0x58) - (0x0)                |                                         |  |
| 3184 | DP SID Status                               |                                         |  |
| 3185 | DP Status TX                                |                                         |  |
| 3186 | Connection Status                           | Neither DFP_D or UFP_D connected (0x0)  |  |
| 3187 | Power Low                                   | Adapter is functioning normally or disa |  |
| 3188 | Enabled                                     | DP functionality is Disabled (0x0)      |  |
| 3189 | Multi-function Preferred                    | No Preference for Multi-function (0x0)  |  |
| 3190 | USB Configuration Request                   | Maintain current configuration (0x0)    |  |
| 3191 | Exit DisplayPort Mode Request               | Maintain current mode (0x0)             |  |
| 3192 | HPD State                                   | HPD_Low (0x0)                           |  |
| 3193 | IRQ HPD                                     | No IRQ_HPD since last status (0x0)      |  |
| 3194 | reserved                                    | reserved (0x0)                          |  |
| 3195 | DP Status RX                                |                                         |  |
| 3196 | Connection Status                           | Neither DFP_D or UFP_D connected (0x0)  |  |
| 3197 | Power Low                                   | Adapter is functioning normally or disa |  |
| 3198 | Enabled                                     | DP functionality is Disabled (0x0)      |  |
| 3199 | Multi-function Preferred                    | No Preference for Multi-function (0x0)  |  |
| 3200 | USB Configuration Request                   | Maintain current configuration (0x0)    |  |
| 3201 | Exit DisplayPort Mode Request               | Maintain current mode (0x0)             |  |
| 3202 | HPD State                                   | HPD_Low (0x0)                           |  |
| 3203 | IRQ HPD                                     | No IRQ_HPD since last status (0x0)      |  |
| 3204 | reserved                                    | reserved (0x0)                          |  |
| 3205 | DP Configure                                |                                         |  |
| 3206 | Select Configuration                        | Set configuration for USB               |  |
| 3207 | Supports DP v1.3 signalling                 | False (0x0)                             |  |
| 3208 | Supports USB Gen 2 signalling               | False (0x0)                             |  |
| 3209 | DFPD Receptacle or UFPD Plug Pin Assignment | (none) (0x0)                            |  |
| 3210 | UFPD Receptacle or DFPD Plug Pin Assignment | (none) (0x0)                            |  |
| 3211 | reserved                                    | reserved (0x0)                          |  |
| 3212 | DP Mode Data                                |                                         |  |
| 3213 | Port Capability                             | Reserved (0x0)                          |  |
| 3214 | Supports DP v1.3 signalling                 | False (0x0)                             |  |
| 3215 | Supports USB Gen 2 signalling               | False (0x0)                             |  |

|      |                                             |                                         |
|------|---------------------------------------------|-----------------------------------------|
| 3216 | DFPD Receptacle or UFPD Plug Pin Assignment | (none) (0x0)                            |
| 3217 | UFPD Receptacle or DFPD Plug Pin Assignment | (none) (0x0)                            |
| 3218 | reserved                                    | reserved (0x0)                          |
| 3219 | DP Status To Plug                           |                                         |
| 3220 | Connection Status                           | Neither DFP_D or UFP_D connected (0x0)  |
| 3221 | Power Low                                   | Adapter is functioning normally or disa |
| 3222 | Enabled                                     | DP functionality is Disabled (0x0)      |
| 3223 | Multi-function Preferred                    | No Preference for Multi-function (0x0)  |
| 3224 | USB Configuration Request                   | Maintain current configuration (0x0)    |
| 3225 | Exit DisplayPort Mode Request               | Maintain current mode (0x0)             |
| 3226 | HPD State                                   | HPD_Low (0x0)                           |
| 3227 | IRQ HPD                                     | No IRQ_HPDP since last status (0x0)     |
| 3228 | reserved                                    | reserved (0x0)                          |
| 3229 | DP Status ACK From Plug                     |                                         |
| 3230 | Connection Status                           | Neither DFP_D or UFP_D connected (0x0)  |
| 3231 | Power Low                                   | Adapter is functioning normally or disa |
| 3232 | Enabled                                     | DP functionality is Disabled (0x0)      |
| 3233 | Multi-function Preferred                    | No Preference for Multi-function (0x0)  |
| 3234 | USB Configuration Request                   | Maintain current configuration (0x0)    |
| 3235 | Exit DisplayPort Mode Request               | Maintain current mode (0x0)             |
| 3236 | HPD State                                   | HPD_Low (0x0)                           |
| 3237 | IRQ HPD                                     | No IRQ_HPDP since last status (0x0)     |
| 3238 | reserved                                    | reserved (0x0)                          |
| 3239 | DP Configure to Plug                        |                                         |
| 3240 | Select Configuration                        | Set configuration for USB               |
| 3241 | Supports DP v1.3 signalling                 | False (0x0)                             |
| 3242 | Supports USB Gen 2 signalling               | False (0x0)                             |
| 3243 | DFPD Receptacle or UFPD Plug Pin Assignment | (none) (0x0)                            |
| 3244 | UFPD Receptacle or DFPD Plug Pin Assignment | (none) (0x0)                            |
| 3245 | reserved                                    | reserved (0x0)                          |
| 3246 | DP Configure ACK From Plug                  |                                         |
| 3247 | Select Configuration                        | Set configuration for USB               |
| 3248 | Supports DP v1.3 signalling                 | False (0x0)                             |
| 3249 | Supports USB Gen 2 signalling               | False (0x0)                             |
| 3250 | DFPD Receptacle or UFPD Plug Pin Assignment | (none) (0x0)                            |
| 3251 | UFPD Receptacle or DFPD Plug Pin Assignment | (none) (0x0)                            |
| 3252 | reserved                                    | reserved (0x0)                          |
| 3253 | DP Mode Data, SOP Prime                     |                                         |
| 3254 | Port Capability                             | Reserved (0x0)                          |
| 3255 | Supports DP v1.3 signalling                 | False (0x0)                             |
| 3256 | Supports USB Gen 2 signalling               | False (0x0)                             |
| 3257 | DFPD Receptacle or UFPD Plug Pin Assignment | (none) (0x0)                            |
| 3258 | UFPD Receptacle or DFPD Plug Pin Assignment | (none) (0x0)                            |
| 3259 | reserved                                    | reserved (0x0)                          |
| 3260 | DP SID Detected                             | DP SID not detected (0x0)               |
| 3261 | DP Mode Active                              | 0x0 (0x0)                               |
| 3262 | Error Code                                  | 0x0 (0x0)                               |
| 3263 |                                             |                                         |
| 3264 | TI VID Status Register (0x5b) -             | (0x0)                                   |
| 3265 | TI Mode Status                              |                                         |

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3266 Texas Instruments VID Status
3267 TI VID Status      False (0x0)
3268 TI PDIO Status     False (0x0)
3269 TI VID Error Code   0x0 (0x0)
3270
3271RX User VID Attention VDM Register (0x60) - (0x0)
3272 RX User VID Attention VDM Register
3273   RX Attention Status
3274     Number of Valid VDOs      0 (0x0)
3275     Number of Register Updates 0 (0x0)
3276   Data Objects Received
3277     Data Object 1
3278       Payload  0x0 (0x0)
3279       Type     Unstructured (0x0)
3280       SVID     0x0 (0x0)
3281     Data Object 2
3282       Data Object 2  0x0 (0x0)
3283     Data Object 3
3284       Data Object 3  0x0 (0x0)
3285     Data Object 4
3286       Data Object 4  0x0 (0x0)
3287     Data Object 5
3288       Data Object 5  0x0 (0x0)
3289     Data Object 6
3290       Data Object 6  0x0 (0x0)
3291     Data Object 7
3292       Data Object 7  0x0 (0x0)
3293
3294RX User VID Other VDM Register (0x61) - (0x0)
3295 RX User VID Other VDM Register
3296   RX VDM Status
3297     Number of Valid VDOs      0 (0x0)
3298     Number of Register Updates 0 (0x0)
3299   Data Objects Received
3300     Data Object 1
3301       Payload  0x0 (0x0)
3302       Type     Unstructured (0x0)
3303       SVID     0x0 (0x0)
3304     Data Object 2
3305       Data Object 2  0x0 (0x0)
3306     Data Object 3
3307       Data Object 3  0x0 (0x0)
3308     Data Object 4
3309       Data Object 4  0x0 (0x0)
3310     Data Object 5
3311       Data Object 5  0x0 (0x0)
3312     Data Object 6
3313       Data Object 6  0x0 (0x0)
3314     Data Object 7
3315       Data Object 7  0x0 (0x0)
```

|      |                                                          |                       |      |                                                          |           |
|------|----------------------------------------------------------|-----------------------|------|----------------------------------------------------------|-----------|
| 3316 |                                                          |                       |      |                                                          |           |
| 3317 | Type C State Register (0x69) - (0x67000000)              |                       |      |                                                          |           |
| 3318 | Type C State Register                                    |                       |      |                                                          |           |
| 3319 | CC Pin For PD                                            | Not connected (0x0)   |      |                                                          |           |
| 3320 | CC1 Pin State                                            | Not connected (0x0)   |      |                                                          |           |
| 3321 | CC2 Pin State                                            | Not connected (0x0)   |      |                                                          |           |
| 3322 | Type C Port State                                        | Unattached SRC (0x67) |      |                                                          |           |
| 3323 |                                                          |                       |      |                                                          |           |
| 3324 | ADC results Register (0x6a) - (0x0)                      |                       |      |                                                          |           |
| 3325 | ADC results                                              |                       |      |                                                          |           |
| 3326 | ADC conversion results                                   |                       |      |                                                          |           |
| 3327 | Single ADC conversion                                    | 0 (0x0)               |      |                                                          |           |
| 3328 | Channel 1 ADC conversion                                 | 0 (0x0)               |      |                                                          |           |
| 3329 | Channel 2 ADC conversion                                 | 0 (0x0)               |      |                                                          |           |
| 3330 | Channel 3 ADC conversion                                 | 0 (0x0)               |      |                                                          |           |
| 3331 | Channel 4 ADC conversion                                 | 0 (0x0)               |      |                                                          |           |
| 3332 |                                                          |                       |      |                                                          |           |
| 3333 | Received Manufacturer Info Data Block SOP (0x71) - (0x0) |                       | 1821 | Received Manufacturer Info Data Block SOP (0x71) - (0x0) |           |
| 3334 | Received Manufacturer Info Data Block SOP                |                       | 1822 | Received Manufacturer Info Data Block SOP                |           |
| 3335 | VID                                                      | 0x0 (0x0)             | 1823 | VID                                                      | 0x0 (0x0) |
| 3336 | PID                                                      | 0x0 (0x0)             | 1824 | PID                                                      | 0x0 (0x0) |
| 3337 | ManufacturerString                                       | 0x0 (0x0)             | 1825 | ManufacturerString                                       | 0x0 (0x0) |
| 3338 |                                                          |                       | 1826 |                                                          |           |
| 3339 | GPIO Status Register (0x72) - (0xf0e700000040)           |                       | 1827 | GPIO Status Register (0x72) - (0x12c00100200000)         |           |
| 3340 | GPIO Status Register                                     |                       | 1828 | GPIO Status Register                                     |           |
| 3341 | GPIO0 Data                                               | 0x0 (0x0)             | 1829 | GPIO0 Data                                               | 0x0 (0x0) |
| 3342 | GPIO1 Data                                               | 0x0 (0x0)             | 1830 | GPIO1 Data                                               | 0x0 (0x0) |
| 3343 | GPIO2 Data                                               | 0x0 (0x0)             | 1831 | GPIO2 Data                                               | 0x0 (0x0) |
| 3344 | GPIO3 Data                                               | 0x0 (0x0)             | 1832 | GPIO3 Data                                               | 0x0 (0x0) |
| 3345 | GPIO4 Data                                               | 0x0 (0x0)             | 1833 | GPIO4 Data                                               | 0x0 (0x0) |
| 3346 | GPIO5 Data                                               | 0x0 (0x0)             | 1834 | GPIO5 Data                                               | 0x0 (0x0) |
| 3347 | GPIO6 Data                                               | 0x1 (0x1)             | 1835 | GPIO6 Data                                               | 0x0 (0x0) |
| 3348 | GPIO7 Data                                               | 0x0 (0x0)             | 1836 | GPIO7 Data                                               | 0x0 (0x0) |
| 3349 | GPIO8 Data                                               | 0x0 (0x0)             | 1837 | GPIO8 Data                                               | 0x0 (0x0) |
| 3350 | GPIO9 Data                                               | 0x0 (0x0)             | 1838 | GPIO9 Data                                               | 0x0 (0x0) |
| 3351 | GPIO10 Data                                              | 0x0 (0x0)             | 1839 | GPIO10 Data                                              | 0x0 (0x0) |
| 3352 | GPIO11 Data                                              | 0x0 (0x0)             | 1840 | GPIO11 Data                                              | 0x0 (0x0) |
| 3353 | GPIO12 Data                                              | 0x0 (0x0)             | 1841 | GPIO12 Data                                              | 0x0 (0x0) |
| 3354 | GPIO13 Data                                              | 0x0 (0x0)             | 1842 | GPIO13 Data                                              | 0x0 (0x0) |
| 3355 | GPIO14 Data                                              | 0x0 (0x0)             | 1843 | GPIO14 Data                                              | 0x0 (0x0) |
| 3356 | GPIO15 Data                                              | 0x0 (0x0)             | 1844 | GPIO15 Data                                              | 0x0 (0x0) |
| 3357 | GPIO16 Data                                              | 0x0 (0x0)             | 1845 | GPIO16 Data                                              | 0x0 (0x0) |
| 3358 | GPIO17 Data                                              | 0x0 (0x0)             | 1846 | GPIO17 Data                                              | 0x0 (0x0) |
| 3359 | GPIO18 Data                                              | 0x0 (0x0)             | 1847 | GPIO18 Data                                              | 0x0 (0x0) |
| 3360 | GPIO19 Data                                              | 0x0 (0x0)             | 1848 | GPIO19 Data                                              | 0x0 (0x0) |
| 3361 | GPIO20 Data                                              | 0x0 (0x0)             | 1849 | GPIO20 Data                                              | 0x0 (0x0) |
| 3362 | GPIO21 Data                                              | 0x0 (0x0)             | 1850 | GPIO21 Data                                              | 0x1 (0x1) |
| 3363 | GPIO0 Direction                                          | 0x1 (0x1)             | 1851 | GPIO0 Direction                                          | 0x1 (0x1) |
| 3364 | GPIO1 Direction                                          | 0x1 (0x1)             | 1852 | GPIO1 Direction                                          | 0x0 (0x0) |
| 3365 | GPIO2 Direction                                          | 0x1 (0x1)             | 1853 | GPIO2 Direction                                          | 0x0 (0x0) |

|      |                                                                                  |           |      |                                                                                  |           |
|------|----------------------------------------------------------------------------------|-----------|------|----------------------------------------------------------------------------------|-----------|
| 3366 | GPIO3 Direction                                                                  | 0x0 (0x0) | 1854 | GPIO3 Direction                                                                  | 0x0 (0x0) |
| 3367 | GPIO4 Direction                                                                  | 0x0 (0x0) | 1855 | GPIO4 Direction                                                                  | 0x0 (0x0) |
| 3368 | GPIO5 Direction                                                                  | 0x1 (0x1) | 1856 | GPIO5 Direction                                                                  | 0x0 (0x0) |
| 3369 | GPIO6 Direction                                                                  | 0x1 (0x1) | 1857 | GPIO6 Direction                                                                  | 0x0 (0x0) |
| 3370 | GPIO7 Direction                                                                  | 0x1 (0x1) | 1858 | GPIO7 Direction                                                                  | 0x0 (0x0) |
| 3371 | GPIO8 Direction                                                                  | 0x0 (0x0) | 1859 | GPIO8 Direction                                                                  | 0x0 (0x0) |
| 3372 | GPIO9 Direction                                                                  | 0x0 (0x0) | 1860 | GPIO9 Direction                                                                  | 0x0 (0x0) |
| 3373 | GPIO10 Direction                                                                 | 0x0 (0x0) | 1861 | GPIO10 Direction                                                                 | 0x0 (0x0) |
| 3374 | GPIO11 Direction                                                                 | 0x0 (0x0) | 1862 | GPIO11 Direction                                                                 | 0x0 (0x0) |
| 3375 | GPIO12 Direction                                                                 | 0x1 (0x1) | 1863 | GPIO12 Direction                                                                 | 0x0 (0x0) |
| 3376 | GPIO13 Direction                                                                 | 0x1 (0x1) | 1864 | GPIO13 Direction                                                                 | 0x0 (0x0) |
| 3377 | GPIO14 Direction                                                                 | 0x1 (0x1) | 1865 | GPIO14 Direction                                                                 | 0x1 (0x1) |
| 3378 | GPIO15 Direction                                                                 | 0x1 (0x1) | 1866 | GPIO15 Direction                                                                 | 0x1 (0x1) |
| 3379 | GPIO16 Direction                                                                 | 0x0 (0x0) | 1867 | GPIO16 Direction                                                                 | 0x0 (0x0) |
| 3380 | GPIO17 Direction                                                                 | 0x0 (0x0) | 1868 | GPIO17 Direction                                                                 | 0x1 (0x1) |
| 3381 | GPIO18 Direction                                                                 | 0x0 (0x0) | 1869 | GPIO18 Direction                                                                 | 0x0 (0x0) |
| 3382 | GPIO19 Direction                                                                 | 0x0 (0x0) | 1870 | GPIO19 Direction                                                                 | 0x0 (0x0) |
| 3383 | GPIO20 Direction                                                                 | 0x0 (0x0) | 1871 | GPIO20 Direction                                                                 | 0x1 (0x1) |
| 3384 | GPIO21 Direction                                                                 | 0x0 (0x0) | 1872 | GPIO21 Direction                                                                 | 0x0 (0x0) |
| 3385 |                                                                                  |           | 1873 |                                                                                  |           |
| 3386 | Received Alert Data Object (ADO) Register (0x74) - (0x0)                         |           | 1874 | Received Alert Data Object (ADO) Register (0x74) - (0x0)                         |           |
| 3387 | Received Alert Data Object (ADO) Register                                        |           | 1875 | Received Alert Data Object (ADO) Register                                        |           |
| 3388 | Hot Swap Batteries                                                               | 0x0 (0x0) | 1876 | Hot Swap Batteries                                                               | 0x0 (0x0) |
| 3389 | Fixed Batteries                                                                  | 0x0 (0x0) | 1877 | Fixed Batteries                                                                  | 0x0 (0x0) |
| 3390 | Alert Type                                                                       | 0x0 (0x0) | 1878 | Alert Type                                                                       | 0x0 (0x0) |
| 3391 |                                                                                  |           | 1879 |                                                                                  |           |
| 3392 | Transmit Alert Data Object (ADO) Register (0x75) - (0x0)                         |           | 1880 | Transmit Alert Data Object (ADO) Register (0x75) - (0x0)                         |           |
| 3393 | Transmit Alert Data Object (ADO) Register                                        |           | 1881 | Transmit Alert Data Object (ADO) Register                                        |           |
| 3394 | Hot Swap Batteries                                                               | 0x0 (0x0) | 1882 | Hot Swap Batteries                                                               | 0x0 (0x0) |
| 3395 | Fixed Batteries                                                                  | 0x0 (0x0) | 1883 | Fixed Batteries                                                                  | 0x0 (0x0) |
| 3396 | Alert Type                                                                       | 0x0 (0x0) | 1884 | Alert Type                                                                       | 0x0 (0x0) |
| 3397 |                                                                                  |           | 1885 |                                                                                  |           |
| 3398 | Received Source Capabilities Extended Data Block (SCEDB) Register (0x76) - (0x0) |           | 1886 | Received Source Capabilities Extended Data Block (SCEDB) Register (0x76) - (0x0) |           |
| 3399 | Received Source Capabilities Extended Data Block (SCEDB) Register                |           | 1887 | Received Source Capabilities Extended Data Block (SCEDB) Register                |           |
| 3400 | VID                                                                              | 0x0 (0x0) | 1888 | VID                                                                              | 0x0 (0x0) |
| 3401 | PID                                                                              | 0x0 (0x0) | 1889 | PID                                                                              | 0x0 (0x0) |
| 3402 | PXD                                                                              | 0x0 (0x0) | 1890 | PXD                                                                              | 0x0 (0x0) |
| 3403 | FW Version                                                                       | 0x0 (0x0) | 1891 | FW Version                                                                       | 0x0 (0x0) |
| 3404 | HW Version                                                                       | 0x0 (0x0) | 1892 | HW Version                                                                       | 0x0 (0x0) |
| 3405 | VoltageRegulation                                                                | 0x0 (0x0) | 1893 | VoltageRegulation                                                                | 0x0 (0x0) |
| 3406 | Holdup Time                                                                      | 0x0 (0x0) | 1894 | Holdup Time                                                                      | 0x0 (0x0) |
| 3407 | Compliance                                                                       | 0x0 (0x0) | 1895 | Compliance                                                                       | 0x0 (0x0) |
| 3408 | TouchCurrent                                                                     | 0x0 (0x0) | 1896 | TouchCurrent                                                                     | 0x0 (0x0) |
| 3409 | Peak Current 1                                                                   | 0x0 (0x0) | 1897 | Peak Current 1                                                                   | 0x0 (0x0) |
| 3410 | Peak Current 2                                                                   | 0x0 (0x0) | 1898 | Peak Current 2                                                                   | 0x0 (0x0) |
| 3411 | Peak Current 3                                                                   | 0x0 (0x0) | 1899 | Peak Current 3                                                                   | 0x0 (0x0) |
| 3412 | Touch Temperature                                                                | 0x0 (0x0) | 1900 | Touch Temperature                                                                | 0x0 (0x0) |
| 3413 | Source Inputs                                                                    | 0x0 (0x0) | 1901 | Source Inputs                                                                    | 0x0 (0x0) |
| 3414 | Batteries                                                                        | 0x0 (0x0) | 1902 | Batteries                                                                        | 0x0 (0x0) |
| 3415 | Source PD Power                                                                  | 0 W (0x0) | 1903 | Source PD Power                                                                  | 0 W (0x0) |

|      |                                                                        |     |       |
|------|------------------------------------------------------------------------|-----|-------|
| 3416 |                                                                        |     |       |
| 3417 | Received Status Data Block (SDB) Register (0x78) - (0x0)               |     |       |
| 3418 | Received Status Data Block (SDB) Register                              |     |       |
| 3419 | Internal Temperature                                                   | 0   | (0x0) |
| 3420 | Present Input                                                          | 0x0 | (0x0) |
| 3421 | Present Battery Input                                                  | 0x0 | (0x0) |
| 3422 | Event Flags                                                            | 0x0 | (0x0) |
| 3423 | Temperature Status                                                     | 0x0 | (0x0) |
| 3424 |                                                                        |     |       |
| 3425 | Transmitted Status Data Block (SDB) Register (0x79) - (0x0)            |     |       |
| 3426 | Transmitted Status Data Block (SDB) Register                           |     |       |
| 3427 | Internal Temperature                                                   | 0   | (0x0) |
| 3428 | Present Input                                                          | 0x0 | (0x0) |
| 3429 | Present Battery Input                                                  | 0x0 | (0x0) |
| 3430 | Event Flags                                                            | 0x0 | (0x0) |
| 3431 | Temperature Status                                                     | 0x0 | (0x0) |
| 3432 |                                                                        |     |       |
| 3433 | Received Battery Status Data Objects (BSDO) Register (0x7a) - (0x0)    |     |       |
| 3434 | Received Battery Status Data Objects (BSDO) Register                   |     |       |
| 3435 | Battery Info                                                           | 0   | (0x0) |
| 3436 | Battery State of Charge (SOC)                                          | 0x0 | (0x0) |
| 3437 | Latest BSDO Fixed Battery 0                                            | 0x0 | (0x0) |
| 3438 | Latest BSDO Fixed Battery 1                                            | 0x0 | (0x0) |
| 3439 | Latest BSDO Fixed Battery 2                                            | 0x0 | (0x0) |
| 3440 | Latest BSDO Fixed Battery 3                                            | 0x0 | (0x0) |
| 3441 | Latest BSDO Hot-Swappable Battery 0                                    | 0x0 | (0x0) |
| 3442 | Latest BSDO Hot-Swappable Battery 1                                    | 0x0 | (0x0) |
| 3443 | Latest BSDO Hot-Swappable Battery 2                                    | 0x0 | (0x0) |
| 3444 | Latest BSDO Hot-Swappable Battery 3                                    | 0x0 | (0x0) |
| 3445 |                                                                        |     |       |
| 3446 | Transmitted Battery Status Data Objects (BSDO) Register (0x7b) - (0x0) |     |       |
| 3447 | Transmitted Battery Status Data Objects (BSDO) Register                |     |       |
| 3448 | Battery Info                                                           | 0   | (0x0) |
| 3449 | Battery State of Charge (SOC)                                          | 0x0 | (0x0) |
| 3450 | Latest BSDO Fixed Battery 0                                            | 0x0 | (0x0) |
| 3451 | Latest BSDO Fixed Battery 1                                            | 0x0 | (0x0) |
| 3452 | Latest BSDO Fixed Battery 2                                            | 0x0 | (0x0) |
| 3453 | Latest BSDO Fixed Battery 3                                            | 0x0 | (0x0) |
| 3454 | Latest BSDO Hot-Swappable Battery 0                                    | 0x0 | (0x0) |
| 3455 | Latest BSDO Hot-Swappable Battery 1                                    | 0x0 | (0x0) |
| 3456 | Latest BSDO Hot-Swappable Battery 2                                    | 0x0 | (0x0) |
| 3457 | Latest BSDO Hot-Swappable Battery 3                                    | 0x0 | (0x0) |
| 3458 |                                                                        |     |       |
| 3459 | Received Battery Capability Data Block (BCDB) Register (0x7c) - (0x0)  |     |       |
| 3460 | Received Battery Capability Data Block (BCDB) Register                 |     |       |
| 3461 | VID                                                                    | 0   | (0x0) |
| 3462 | PID                                                                    | 0x0 | (0x0) |
| 3463 | Battery Design Capacity                                                | 0   | (0x0) |
| 3464 | Battery Last Full Charge Capacity                                      | 0   | (0x0) |
| 3465 | Battery Type                                                           | 0   | (0x0) |

|      |                                                                        |     |       |
|------|------------------------------------------------------------------------|-----|-------|
| 1904 |                                                                        |     |       |
| 1905 | Received Status Data Block (SDB) Register (0x78) - (0x0)               |     |       |
| 1906 | Received Status Data Block (SDB) Register                              |     |       |
| 1907 | Internal Temperature                                                   | 0   | (0x0) |
| 1908 | Present Input                                                          | 0x0 | (0x0) |
| 1909 | Present Battery Input                                                  | 0x0 | (0x0) |
| 1910 | Event Flags                                                            | 0x0 | (0x0) |
| 1911 | Temperature Status                                                     | 0x0 | (0x0) |
| 1912 |                                                                        |     |       |
| 1913 | Transmitted Status Data Block (SDB) Register (0x79) - (0x0)            |     |       |
| 1914 | Transmitted Status Data Block (SDB) Register                           |     |       |
| 1915 | Internal Temperature                                                   | 0   | (0x0) |
| 1916 | Present Input                                                          | 0x0 | (0x0) |
| 1917 | Present Battery Input                                                  | 0x0 | (0x0) |
| 1918 | Event Flags                                                            | 0x0 | (0x0) |
| 1919 | Temperature Status                                                     | 0x0 | (0x0) |
| 1920 |                                                                        |     |       |
| 1921 | Received Battery Status Data Objects (BSDO) Register (0x7a) - (0x0)    |     |       |
| 1922 | Received Battery Status Data Objects (BSDO) Register                   |     |       |
| 1923 | Battery Info                                                           | 0   | (0x0) |
| 1924 | Battery State of Charge (SOC)                                          | 0x0 | (0x0) |
| 1925 | Latest BSDO Fixed Battery 0                                            | 0x0 | (0x0) |
| 1926 | Latest BSDO Fixed Battery 1                                            | 0x0 | (0x0) |
| 1927 | Latest BSDO Fixed Battery 2                                            | 0x0 | (0x0) |
| 1928 | Latest BSDO Fixed Battery 3                                            | 0x0 | (0x0) |
| 1929 | Latest BSDO Hot-Swappable Battery 0                                    | 0x0 | (0x0) |
| 1930 | Latest BSDO Hot-Swappable Battery 1                                    | 0x0 | (0x0) |
| 1931 | Latest BSDO Hot-Swappable Battery 2                                    | 0x0 | (0x0) |
| 1932 | Latest BSDO Hot-Swappable Battery 3                                    | 0x0 | (0x0) |
| 1933 |                                                                        |     |       |
| 1934 | Transmitted Battery Status Data Objects (BSDO) Register (0x7b) - (0x0) |     |       |
| 1935 | Transmitted Battery Status Data Objects (BSDO) Register                |     |       |
| 1936 | Battery Info                                                           | 0   | (0x0) |
| 1937 | Battery State of Charge (SOC)                                          | 0x0 | (0x0) |
| 1938 | Latest BSDO Fixed Battery 0                                            | 0x0 | (0x0) |
| 1939 | Latest BSDO Fixed Battery 1                                            | 0x0 | (0x0) |
| 1940 | Latest BSDO Fixed Battery 2                                            | 0x0 | (0x0) |
| 1941 | Latest BSDO Fixed Battery 3                                            | 0x0 | (0x0) |
| 1942 | Latest BSDO Hot-Swappable Battery 0                                    | 0x0 | (0x0) |
| 1943 | Latest BSDO Hot-Swappable Battery 1                                    | 0x0 | (0x0) |
| 1944 | Latest BSDO Hot-Swappable Battery 2                                    | 0x0 | (0x0) |
| 1945 | Latest BSDO Hot-Swappable Battery 3                                    | 0x0 | (0x0) |
| 1946 |                                                                        |     |       |
| 1947 | Received Battery Capability Data Block (BCDB) Register (0x7c) - (0x0)  |     |       |
| 1948 | Received Battery Capability Data Block (BCDB) Register                 |     |       |
| 1949 | VID                                                                    | 0   | (0x0) |
| 1950 | PID                                                                    | 0x0 | (0x0) |
| 1951 | Battery Design Capacity                                                | 0   | (0x0) |
| 1952 | Battery Last Full Charge Capacity                                      | 0   | (0x0) |
| 1953 | Battery Type                                                           | 0   | (0x0) |

|                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <pre> 3466 3467Received Manufacturer Info Data Block SOPp (MIDB) Register (0x7e) - (0x0) 3468   Received Manufacturer Info Data Block SOPp (MIDB) Register 3469     VID                0 (0x0) 3470     PID                0x0 (0x0) 3471     Manufacturer String 0 (0x0) 3472PK[01][02][14][00][14][00][00][00][00][00]~{ÓV[0F] i[04]Xø[00][00]Xø[00][00],[00][00][00][00][00][00] </pre> | <pre> 1954 1955Received Manufacturer Info Data Block SOPp (MIDB) Register (0x7e) - (0x0) 1956   Received Manufacturer Info Data Block SOPp (MIDB) Register 1957     VID                0 (0x0) 1958     PID                0x0 (0x0) 1959     Manufacturer String 0 (0x0) 1960PK[01][02][14][00][14][00][00][00][00][00]B ÓV}v/æ Ú[00][00] Ú[00][00],[00][00][00][00][00][00] 1961®[00][00] 1962®[00][00]\$[00][00][00][00][00][00][00][00][00][00]Ŧ êÚ[00][00]Device 1, port 1 Debug Reg </pre> |
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