

1PK[03][04][14][00][00][00][00][00]CS:wÖUÿiTø[00][00]Tø[00][00],[00][00][00]Device 1, port 1 Configuration Registers.txt	1PK[03][04][14][00][00][00][00][00]øR:wÖUÿiTø[00][00]Tø[00][00],[00][00][00]Device 1, port 1 Configuration Registers.txt
2Customer Use (0x6) - (0x76543210000000022)	2Customer Use (0x6) - (0x76543210000000022)
3 Customer Use	3 Customer Use
4 Customer Use Word 1 0x22 (0x22)	4 Customer Use Word 1 0x22 (0x22)
5 Customer Use Word 2 0x76543210 (0x76543210)	5 Customer Use Word 2 0x76543210 (0x76543210)
6	6
7Interrupt Mask for I2C1 (0x16) - (0x30000000000000fb0e008)	7Interrupt Mask for I2C1 (0x16) - (0x30000000000000fb0e008)
8 Interrupt Mask for I2C1	8 Interrupt Mask for I2C1
9 Port Interrupt Mask for I2C1	9 Port Interrupt Mask for I2C1
10 Soft Reset False (0x0)	10 Soft Reset False (0x0)
11 Hard Reset False (0x0)	11 Hard Reset False (0x0)
12 Cable Reset Event False (0x0)	12 Cable Reset Event False (0x0)
13 Plug Insert or Removal True (0x1)	13 Plug Insert or Removal True (0x1)
14 PR Swap Complete False (0x0)	14 PR Swap Complete False (0x0)
15 DR Swap Complete False (0x0)	15 DR Swap Complete False (0x0)
16 FR Swap Complete False (0x0)	16 FR Swap Complete False (0x0)
17 RDO Received from Sink False (0x0)	17 RDO Received from Sink False (0x0)
18 Built-In Self Test False (0x0)	18 Built-In Self Test False (0x0)
19 Overcurrent Event False (0x0)	19 Overcurrent Event False (0x0)
20 Attention Received False (0x0)	20 Attention Received False (0x0)
21 Vendor-Defined Message Received False (0x0)	21 Vendor-Defined Message Received False (0x0)
22 New Contract as Consumer False (0x0)	22 New Contract as Consumer False (0x0)
23 New Contract as Provider True (0x1)	23 New Contract as Provider True (0x1)
24 Source Capabilities Message Ready True (0x1)	24 Source Capabilities Message Ready True (0x1)
25 Sink Capabilities Message Ready True (0x1)	25 Sink Capabilities Message Ready True (0x1)
26 Low Voltage Warning False (0x0)	26 Low Voltage Warning False (0x0)
27 PR Swap Requested False (0x0)	27 PR Swap Requested False (0x0)
28 DR Swap Requested False (0x0)	28 DR Swap Requested False (0x0)
29 Goto Min Received False (0x0)	29 Goto Min Received False (0x0)
30 USB Host Present True (0x1)	30 USB Host Present True (0x1)
31 USB Host Present no longer True (0x1)	31 USB Host Present no longer True (0x1)
32 High Voltage Warning False (0x0)	32 High Voltage Warning False (0x0)
33 PP Switch Changed True (0x1)	33 PP Switch Changed True (0x1)
34 Power Status Update True (0x1)	34 Power Status Update True (0x1)
35 Data Status Update True (0x1)	35 Data Status Update True (0x1)
36 Status Update True (0x1)	36 Status Update True (0x1)
37 PD Status Update True (0x1)	37 PD Status Update True (0x1)
38 VCONN Swap Complete False (0x0)	38 VCONN Swap Complete False (0x0)
39 VCONN Swap Requested False (0x0)	39 VCONN Swap Requested False (0x0)
40 CMD1 Complete False (0x0)	40 CMD1 Complete False (0x0)
41 CMD2 Complete False (0x0)	41 CMD2 Complete False (0x0)
42 Error: Device Incompatible False (0x0)	42 Error: Device Incompatible False (0x0)
43 Error: Cannot Provide Voltage or Current False (0x0)	43 Error: Cannot Provide Voltage or Current False (0x0)
44 Error: Can Provide Voltage or Current Later False (0x0)	44 Error: Can Provide Voltage or Current Later False (0x0)
45 Error: Power Event Occurred False (0x0)	45 Error: Power Event Occurred False (0x0)
46 Error: Missing Get Capabilities Message False (0x0)	46 Error: Missing Get Capabilities Message False (0x0)
47 Error: Protocol Error False (0x0)	47 Error: Protocol Error False (0x0)
48 Error: Message Data False (0x0)	48 Error: Message Data False (0x0)
49 Error: Discharge Failed False (0x0)	49 Error: Discharge Failed False (0x0)
50 Sink Transition Complete False (0x0)	50 Sink 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)
70	SOC ACK Timeout	False (0x0)
71	FRS Signal Received	False (0x0)
72	Chunk Response Received	False (0x0)
73	Chunk Request Received	False (0x0)
74	Alert Message Received	False (0x0)
75	Common Interrupt Mask for I2C1	
76	Patch Loaded True (0x1)	
77	Ready for Patch True (0x1)	
78		
79	Interrupt Mask for I2C2 (0x17) - (0x300000000000002000008)	
80	Interrupt Event for I2C2	
81	Interrupt Event for I2C2	
82	Soft Reset	False (0x0)
83	Hard Reset	False (0x0)
84	Cable Reset Event	False (0x0)
85	Plug Insert or Removal	True (0x1)
86	PR Swap Complete	False (0x0)
87	DR Swap Complete	False (0x0)
88	FR Swap Complete	False (0x0)
89	RDO Received from Sink	False (0x0)
90	Built-In Self Test	False (0x0)
91	Overcurrent Event	False (0x0)
92	Attention Received	False (0x0)
93	Vendor-Defined Message Received	False (0x0)
94	New Contract as Consumer	False (0x0)
95	New Contract as Provider	False (0x0)
96	Source Capabilities Message Ready	False (0x0)
97	Sink Capabilities Message Ready	False (0x0)
98	Low Voltage Warning	False (0x0)
99	PR 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)

69	Custom VDM Message Sent	False (0x0)
70	SOC ACK Timeout	False (0x0)
71	FRS Signal Received	False (0x0)
72	Chunk Response Received	False (0x0)
73	Chunk Request Received	False (0x0)
74	Alert Message Received	False (0x0)
75	Common Interrupt Mask for I2C1	
76	Patch Loaded True (0x1)	
77	Ready for Patch True (0x1)	
78		
79	Interrupt Mask for I2C2 (0x17) - (0x300000000000002000008)	
80	Interrupt Event for I2C2	
81	Interrupt Event for I2C2	
82	Soft Reset	False (0x0)
83	Hard Reset	False (0x0)
84	Cable Reset Event	False (0x0)
85	Plug Insert or Removal	True (0x1)
86	PR Swap Complete	False (0x0)
87	DR Swap Complete	False (0x0)
88	FR Swap Complete	False (0x0)
89	RDO Received from Sink	False (0x0)
90	Built-In Self Test	False (0x0)
91	Overcurrent Event	False (0x0)
92	Attention Received	False (0x0)
93	Vendor-Defined Message Received	False (0x0)
94	New Contract as Consumer	False (0x0)
95	New Contract as Provider	False (0x0)
96	Source Capabilities Message Ready	False (0x0)
97	Sink Capabilities Message Ready	False (0x0)
98	Low Voltage Warning	False (0x0)
99	PR 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)

LockedUp_TPS65988_FULL_Snapshot.bin - JustStartedWorking_TPS65988_FULL_Snapshot.bin					
137	TX Mem Buffer Empty	False (0x0)	137	TX Mem Buffer Empty	False (0x0)
138	RX Mem Buffer Full	False (0x0)	138	RX Mem Buffer Full	False (0x0)
139	Custom VDM Arrive	False (0x0)	139	Custom VDM Arrive	False (0x0)
140	Custom AM Entered	False (0x0)	140	Custom AM Entered	False (0x0)
141	Custom VDM Message Sent	False (0x0)	141	Custom VDM Message Sent	False (0x0)
142	SOC ACK Timeout	False (0x0)	142	SOC ACK Timeout	False (0x0)
143	FRS Signal Received	False (0x0)	143	FRS Signal Received	False (0x0)
144	Chunk Response Received	False (0x0)	144	Chunk Response Received	False (0x0)
145	Chunk Request Received	False (0x0)	145	Chunk Request Received	False (0x0)
146	Alert Message Received	False (0x0)	146	Alert Message Received	False (0x0)
147	Common Interrupt Mask for I2C1		147	Common Interrupt Mask for I2C1	
148	Patch Loaded True (0x1)		148	Patch Loaded True (0x1)	
149	Ready for Patch True (0x1)		149	Ready for Patch True (0x1)	
150			150		
151	Global System Configuration (0x27) - (0x7800000014140a00001200090005)		151	Global System Configuration (0x27) - (0x7800000014140a00001200090005)	
152	Global System Configuration		152	Global System Configuration	
153	PP Cable 1 Switch Config	PP Cable Switch as Output, Guaranteed 4.5-5.5V (0x1)	153	PP Cable 1 Switch Config	PP Cable Switch as Output, Guaranteed 4.5-5.5V (0x1)
154	PP Cable 2 Switch Config	PP Cable Switch as Output, Guaranteed 4.5-5.5V (0x1)	154	PP Cable 2 Switch Config	PP Cable Switch as Output, Guaranteed 4.5-5.5V (0x1)
155	PP 1 Switch Config	PP Switch as Source Only (Output) (0x1)	155	PP 1 Switch Config	PP Switch as Source Only (Output) (0x1)
156	PP 2 Switch Config	PP Switch as Source Only (Output) (0x1)	156	PP 2 Switch Config	PP Switch as Source Only (Output) (0x1)
157	PP 3 Switch Config	PP Switch as Sink Only (Input) (0x2)	157	PP 3 Switch Config	PP Switch as Sink Only (Input) (0x2)
158	PP 4 Switch Config	PP Switch as Sink Only (Input) (0x2)	158	PP 4 Switch Config	PP Switch as Sink Only (Input) (0x2)
159	87 Emulation Mode	False (0x0)	159	87 Emulation Mode	False (0x0)
160	PP1 Switch to VBUS Map	VBUS 1 (0x0)	160	PP1 Switch to VBUS Map	VBUS 1 (0x0)
161	PP2 Switch to VBUS Map	VBUS 2 (0x1)	161	PP2 Switch to VBUS Map	VBUS 2 (0x1)
162	PP3 Switch to VBUS Map	VBUS 1 (0x0)	162	PP3 Switch to VBUS Map	VBUS 1 (0x0)
163	PP4 Switch to VBUS Map	VBUS 2 (0x1)	163	PP4 Switch to VBUS Map	VBUS 2 (0x1)
164	Reserved	Reserved, set 0 (0x0)	164	Reserved	Reserved, set 0 (0x0)
165	PP Switch 1 Overcurrent Timeout	640 uS (0x4)	165	PP Switch 1 Overcurrent Timeout	640 uS (0x4)
166	PP Switch 1 Overcurrent Timeout Enable	Enabled (0x1)	166	PP Switch 1 Overcurrent Timeout Enable	Enabled (0x1)
167	PP Switch 2 Overcurrent Timeout	640 uS (0x4)	167	PP Switch 2 Overcurrent Timeout	640 uS (0x4)
168	PP Switch 2 Overcurrent Timeout Enable	Enabled (0x1)	168	PP Switch 2 Overcurrent Timeout Enable	Enabled (0x1)
169	I2C1 Enable as Master	False (0x0)	169	I2C1 Enable as Master	False (0x0)
170	I2C3 Enable as Master	False (0x0)	170	I2C3 Enable as Master	False (0x0)
171	I2C4 Enable as Master	Disabled (0x0)	171	I2C4 Enable as Master	Disabled (0x0)
172	Multiport Sink Policy	Both sink paths will close switch (0x0)	172	Multiport Sink Policy	Both sink paths will close switch (0x0)
173	Sink Policy Non-overlap Time	1 mSec (0x0)	173	Sink Policy Non-overlap Time	1 mSec (0x0)
174	Multiport Alternate Mode Policy	Both ports can enter the same alternate mode (0x0)	174	Multiport Alternate Mode Policy	Both ports can enter the same alternate mode (0x0)
175	External Processor	Default (0x0)	175	External Processor	Default (0x0)
176	Ice Lake Enable One UFP Policy	False (0x0)	176	Ice Lake Enable One UFP Policy	False (0x0)
177	Ice Lake Enable Simple Source Policy Manager	False (0x0)	177	Ice Lake Enable Simple Source Policy Manager	False (0x0)
178	TBT Controller I2C Port	I2C1 (0x1)	178	TBT Controller I2C Port	I2C1 (0x1)
179	I2C Timeout	1 S (0x7)	179	I2C Timeout	1 S (0x7)
180	SPI Read Only	False (0x0)	180	SPI Read Only	False (0x0)
181			181		
182	Port Configuration (0x28) - (0x3fb65809)		182	Port Configuration (0x28) - (0x3fb65809)	
183	Port Configuration		183	Port Configuration	
184	Port Configuration	DFP (0x1)	184	Port Configuration	DFP (0x1)
185	Reserved	Reserved, set 0 (0x0)	185	Reserved	Reserved, set 0 (0x0)
186	Receptacle Type	Standard fully-featured USB-C receptacle (0x1)	186	Receptacle Type	Standard fully-featured USB-C receptacle (0x1)
187	Audio Accessory Support	False (0x0)	187	Audio Accessory Support	False (0x0)
188	Debug Accessory Support	False (0x0)	188	Debug Accessory Support	False (0x0)
189	Type-C Supported Options	No Options (0x0)	189	Type-C Supported Options	No Options (0x0)
190	Reserved	Reserved, set 0 (0x0)	190	Reserved	Reserved, set 0 (0x0)
191	VConn Supported	VCONN supported as DFP/UFP (accept VCONN_Swap requests)	191	VConn Supported	VCONN supported as DFP/UFP (accept VCONN_Swap requests)
192	USB3.0/3.1 Rate	USB3 Gen2 signaling rate supported (0x2)	192	USB3.0/3.1 Rate	USB3 Gen2 signaling rate supported (0x2)
193	Reserved	Reserved, set 0 (0x0)	193	Reserved	Reserved, set 0 (0x0)
194	Set UVP to 4.5 V	False (0x0)	194	Set UVP to 4.5 V	False (0x0)
195	Under-voltage Protection Trip Point, PP_5V	20% (0x3)	195	Under-voltage Protection Trip Point, PP_5V	20% (0x3)
196	Under-voltage Protection Usage, PP_HV	20% (0x3)	196	Under-voltage Protection Usage, PP_HV	20% (0x3)
197	Over Voltage Protection Trip Point	24 V (0x3f)	197	Over Voltage Protection Trip Point	24 V (0x3f)
198	Over Voltage Protection Usage	Disconnect VBUS if voltage exceeds 5% of expected max.	198	Over Voltage Protection Usage	Disconnect VBUS if voltage exceeds 5% of expected max.
199	High Voltage Warning Level	Warning when source VBUS voltage exceeds 10% from nomin.	199	High Voltage Warning Level	Warning when source VBUS voltage exceeds 10% from nomin.
200	Low Voltage Warning Level	Warning when source VBUS Voltage dips below 10% from nomin.	200	Low Voltage Warning Level	Warning when source VBUS Voltage dips below 10% from nomin.
201	Soft Start Slew Rate	0.41 V/mS typical (0x0)	201	Soft Start Slew Rate	0.41 V/mS typical (0x0)
202	Reserved	Reserved, set 0 (0x0)	202	Reserved	Reserved, set 0 (0x0)
203	Set UVP Debounce	False (0x0)	203	Set UVP Debounce	False (0x0)
204	Reserved	Reserved, set 0 (0x0)	204	Reserved	Reserved, set 0 (0x0)


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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)
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)
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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)
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)
```



```

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
423Autonegotiate 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
437Alternate 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)
450       Limited Entry                           False (0x0)
451   Alternate Mode Entry Queue record #4
452       SVID (Standard or Vendor ID)             0x0 (0x0)
453       Mode Position                            0x0 (0x0)
454       Limited Entry                           False (0x0)
455
456PD3 Configuration Register (0x42) - (0x41a)
457 PD3 Configuration Register
458     Port Max Spec Revision                    USB/PD Rev 3 (0x2)
459     Plug Max Spec Revision                    USB/PD Rev 3 (0x2)
460     Unchunked Messaging Supported             True (0x1)
461     Fast Role Swap Supported                  False (0x0)
462     Fast Role Swap not Initiated by UVP      False (0x0)
463     Fast Role Swap Init in mSec               4 mS (0x4)
464     Support Source Cap Extended Message       False (0x0)
465     Support Status Message                    False (0x0)
466     Support Battery Capability Message        False (0x0)
467     Support Battery Status Message           False (0x0)
468     Support Manufacturer Info Message        False (0x0)
469     Support Security Message                  False (0x0)
470     Support Firmware Upgrade Message          False (0x0)
471     Support County Code Info                  False (0x0)
472
473Transmit Identity Data Object (0x47) - (0x71000000000000000000000000000000)
474 Transmit Identity Data Object
475   Record Counts
476       Number of Identity Objects                3 (0x3)

```

```

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)
450       Limited Entry                       False (0x0)
451     Alternate Mode Entry Queue record #4
452       SVID (Standard or Vendor ID)         0x0 (0x0)
453       Mode Position                        0x0 (0x0)
454       Limited Entry                       False (0x0)
455
456 PD3 Configuration Register (0x42) - (0x41a)
457   PD3 Configuration Register
458     Port Max Spec Revision                  USB/PD Rev 3 (0x2)
459     Plug Max Spec Revision                  USB/PD Rev 3 (0x2)
460     Unchunked Messaging Supported          True (0x1)
461     Fast Role Swap Supported               False (0x0)
462     Fast Role Swap not Initiated by UVP    False (0x0)
463     Fast Role Swap Init in mSec            4 mS (0x4)
464     Support Source Cap Extended Message    False (0x0)
465     Support Status Message                 False (0x0)
466     Support Battery Capability Message     False (0x0)
467     Support Battery Status Message        False (0x0)
468     Support Manufacturer Info Message     False (0x0)
469     Support Security Message               False (0x0)
470     Support Firmware Upgrade Message       False (0x0)
471     Support County Code Info               False (0x0)
472
473 Transmit Identity Data Object (0x47) - (0x71000000000000000000000000000000)
474   Transmit Identity Data Object
475     Record Counts
476       Number of Identity Objects           3 (0x3)

```

```
477   Number of SOP' (Tethered Plug) Identity Objects    0 (0x0)
478 Discover Identity Response
479   IDO Header
480     USB Vendor ID          0x451 (0x451)
481     Connector Type         Reserved Legacy (0x0)
482     Product Type (DFP)     Undefined (0x0)
483     Modal Operation Supported True (0x1)
484     Product Type (UFP)     Undefined (0x0)
485     Data Capable as USB Device True (0x1)
486     Data Capable as USB Host True (0x1)
487   Product Vendor Defined Object
488     BCD Device             0x710 (0x710)
489     USB Product ID        0x0 (0x0)
490   Alternate Mode Adapter VDO
491     USB SS Signalling      USB 2.0 Only (0x0)
492     VBus Required          False (0x0)
493     VConn Required         False (0x0)
494     VConn Power            1 W (0x0)
495     SSRx 2 Directionality  Fixed (0x0)
496     SSRx 1 Directionality  Fixed (0x0)
497     SSTx 2 Directionality  Fixed (0x0)
498     SSTx 1 Directionality  Fixed (0x0)
499     AMA Firmware Version   0x0 (0x0)
500     AMA Hardware Version   0x0 (0x0)
501   Certification Test ID    0x0 (0x0)
502   UFP IDO VDO #5          0x0 (0x0)
503   UFP IDO VDO #6          0x0 (0x0)
504 SOP' (Tethered Plug) Discover Identity Response
505   SOP' (Tethered Plug) IDO Header
506     USB Vendor ID          0x0 (0x0)
507     Product Type (DFP)     Undefined (0x0)
508     Modal Operation Supported False (0x0)
509     Product Type (Cable Plug) Undefined (0x0)
510     Data Capable as USB Device False (0x0)
511     Data Capable as USB Host False (0x0)
512   Product Vendor Defined Object
513     BCD Device             0x710 (0x710)
514     USB Product ID        0x0 (0x0)
515   Cable Vendor Defined Object
516     USB SS Signalling      USB 2.0 Only (0x0)
517     VBus Current Handling Capability Reserved (0x0)
518     Maximum Vbus Voltage   20V (0x0)
519     Cable Termination Type Both Ends Passive, VConn Not Required (0x0)
520     Cable Latency          reserved (0000b) (0x0)
521     Type-C Plug to Type-C/Captive reserved (0x0)
522     VDO version            0x0 (0x0)
523     Cable Firmware Version 0x0 (0x0)
524     Cable Hardware Version 0x0 (0x0)
525   Certification Test ID    0x0 (0x0)
526   SOP' (Tethered Plug) IDO VDO #5 0x0 (0x0)
527   SOP' (Tethered Plug) IDO VDO #6 0x0 (0x0)
528
529User Alternate Mode Config (0x4a) - (0x0)
530 User Alternate Mode Config
531   General Settings
532     User VID Enabled        False (0x0)
533     User Alternate Mode VID (Vendor ID) 0x0 (0x0)
534     User VID Mode 1 Enabled False (0x0)
535     User VID Mode 2 Enabled False (0x0)
536     User VID Mode 3 Enabled False (0x0)
537     User VID Mode 4 Enabled False (0x0)
538   User Alternate Mode #1 Settings
539     Mode Value              0x0 (0x0)
540     User VID Mode Load App Config Data False (0x0)
541     User VID Mode Auto Send Unstructed VDM False (0x0)
542     User VID Mode Autoentry Enabled False (0x0)
543   User Alternate Mode #2 Settings
544     Mode Value              0x0 (0x0)
```

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477   Number of SOP' (Tethered Plug) Identity Objects    0 (0x0)
478 Discover Identity Response
479   IDO Header
480     USB Vendor ID          0x451 (0x451)
481     Connector Type         Reserved Legacy (0x0)
482     Product Type (DFP)     Undefined (0x0)
483     Modal Operation Supported True (0x1)
484     Product Type (UFP)     Undefined (0x0)
485     Data Capable as USB Device True (0x1)
486     Data Capable as USB Host True (0x1)
487   Product Vendor Defined Object
488     BCD Device             0x710 (0x710)
489     USB Product ID        0x0 (0x0)
490   Alternate Mode Adapter VDO
491     USB SS Signalling      USB 2.0 Only (0x0)
492     VBus Required          False (0x0)
493     VConn Required         False (0x0)
494     VConn Power            1 W (0x0)
495     SSRx 2 Directionality  Fixed (0x0)
496     SSRx 1 Directionality  Fixed (0x0)
497     SSTx 2 Directionality  Fixed (0x0)
498     SSTx 1 Directionality  Fixed (0x0)
499     AMA Firmware Version   0x0 (0x0)
500     AMA Hardware Version   0x0 (0x0)
501   Certification Test ID    0x0 (0x0)
502   UFP IDO VDO #5          0x0 (0x0)
503   UFP IDO VDO #6          0x0 (0x0)
504 SOP' (Tethered Plug) Discover Identity Response
505   SOP' (Tethered Plug) IDO Header
506     USB Vendor ID          0x0 (0x0)
507     Product Type (DFP)     Undefined (0x0)
508     Modal Operation Supported False (0x0)
509     Product Type (Cable Plug) Undefined (0x0)
510     Data Capable as USB Device False (0x0)
511     Data Capable as USB Host False (0x0)
512   Product Vendor Defined Object
513     BCD Device             0x710 (0x710)
514     USB Product ID        0x0 (0x0)
515   Cable Vendor Defined Object
516     USB SS Signalling      USB 2.0 Only (0x0)
517     VBus Current Handling Capability Reserved (0x0)
518     Maximum Vbus Voltage   20V (0x0)
519     Cable Termination Type Both Ends Passive, VConn Not Required (0x0)
520     Cable Latency          reserved (0000b) (0x0)
521     Type-C Plug to Type-C/Captive reserved (0x0)
522     VDO version            0x0 (0x0)
523     Cable Firmware Version 0x0 (0x0)
524     Cable Hardware Version 0x0 (0x0)
525   Certification Test ID    0x0 (0x0)
526   SOP' (Tethered Plug) IDO VDO #5 0x0 (0x0)
527   SOP' (Tethered Plug) IDO VDO #6 0x0 (0x0)
528
529User Alternate Mode Config (0x4a) - (0x0)
530 User Alternate Mode Config
531   General Settings
532     User VID Enabled        False (0x0)
533     User Alternate Mode VID (Vendor ID) 0x0 (0x0)
534     User VID Mode 1 Enabled False (0x0)
535     User VID Mode 2 Enabled False (0x0)
536     User VID Mode 3 Enabled False (0x0)
537     User VID Mode 4 Enabled False (0x0)
538   User Alternate Mode #1 Settings
539     Mode Value              0x0 (0x0)
540     User VID Mode Load App Config Data False (0x0)
541     User VID Mode Auto Send Unstructed VDM False (0x0)
542     User VID Mode Autoentry Enabled False (0x0)
543   User Alternate Mode #2 Settings
544     Mode Value              0x0 (0x0)
```


613	Internal Pull Down Enable	False (0x0)	613	Internal Pull Down Enable	False (0x0)
614	Internal Pull Up Enable	False (0x0)	614	Internal Pull Up Enable	False (0x0)
615	GPIO Analog Input Control	Pin to GPIO (0x0)	615	GPIO Analog Input Control	Pin to GPIO (0x0)
616	Mapped Event	Port 1 Cable Orientation Event (0x4)	616	Mapped Event	Port 1 Cable Orientation Event (0x4)
617	GPIO Polarity	Direct-mapped Event (0x0)	617	GPIO Polarity	Direct-mapped Event (0x0)
618	GPIO #3 (DP HPD Port 0)		618	GPIO #3 (DP HPD Port 0)	
619	Multiplexing for GPIO 3 pin	Pin Multiplexed to Alternate Function (DP HPD Port 0) (0x2	619	Multiplexing for GPIO 3 pin	Pin Multiplexed to Alternate Function (DP HPD Port 0) (0x2
620	Map Pin to GPIO or Alternate Function	DP HPD Port 0 (0x1)	620	Map Pin to GPIO or Alternate Function	DP HPD Port 0 (0x1)
621	Output Enable	False (0x0)	621	Output Enable	False (0x0)
622	Interrupt Enable	False (0x0)	622	Interrupt Enable	False (0x0)
623	Initial Value	0b0 (0x0)	623	Initial Value	0b0 (0x0)
624	Open Drain Output Enable	False (0x0)	624	Open Drain Output Enable	False (0x0)
625	Internal Pull Down Enable	False (0x0)	625	Internal Pull Down Enable	False (0x0)
626	Internal Pull Up Enable	False (0x0)	626	Internal Pull Up Enable	False (0x0)
627	GPIO Analog Input Control	Pin to GPIO (0x0)	627	GPIO Analog Input Control	Pin to GPIO (0x0)
628	Mapped Event	Disabled (0x0)	628	Mapped Event	Disabled (0x0)
629	GPIO Polarity	Direct-mapped Event (0x0)	629	GPIO Polarity	Direct-mapped Event (0x0)
630	GPIO #4 (DP HPD Port 1)		630	GPIO #4 (DP HPD Port 1)	
631	Multiplexing for GPIO 4 pin	Pin Multiplexed to Alternate Function (DP HPD Port 1) (0x2	631	Multiplexing for GPIO 4 pin	Pin Multiplexed to Alternate Function (DP HPD Port 1) (0x2
632	Map Pin to GPIO or Alternate Function	DP HPD Port 1 (0x1)	632	Map Pin to GPIO or Alternate Function	DP HPD Port 1 (0x1)
633	Output Enable	False (0x0)	633	Output Enable	False (0x0)
634	Interrupt Enable	False (0x0)	634	Interrupt Enable	False (0x0)
635	Initial Value	0b0 (0x0)	635	Initial Value	0b0 (0x0)
636	Open Drain Output Enable	False (0x0)	636	Open Drain Output Enable	False (0x0)
637	Internal Pull Down Enable	False (0x0)	637	Internal Pull Down Enable	False (0x0)
638	Internal Pull Up Enable	False (0x0)	638	Internal Pull Up Enable	False (0x0)
639	GPIO Analog Input Control	Pin to GPIO (0x0)	639	GPIO Analog Input Control	Pin to GPIO (0x0)
640	Mapped Event	Disabled (0x0)	640	Mapped Event	Disabled (0x0)
641	GPIO Polarity	Direct-mapped Event (0x0)	641	GPIO Polarity	Direct-mapped Event (0x0)
642	GPIO #5 (I2C3)		642	GPIO #5 (I2C3)	
643	Multiplexing for GPIO 5 pin	Pin Multiplexed to GPIO (0x0)	643	Multiplexing for GPIO 5 pin	Pin Multiplexed to GPIO (0x0)
644	Map Pin to GPIO or Alternate Function	GPIO (0x0)	644	Map Pin to GPIO or Alternate Function	GPIO (0x0)
645	Output Enable	True (0x1)	645	Output Enable	True (0x1)
646	Interrupt Enable	False (0x0)	646	Interrupt Enable	False (0x0)
647	Initial Value	0b0 (0x0)	647	Initial Value	0b0 (0x0)
648	Open Drain Output Enable	False (0x0)	648	Open Drain Output Enable	False (0x0)
649	Internal Pull Down Enable	False (0x0)	649	Internal Pull Down Enable	False (0x0)
650	Internal Pull Up Enable	False (0x0)	650	Internal Pull Up Enable	False (0x0)
651	GPIO Analog Input Control	Pin to GPIO (0x0)	651	GPIO Analog Input Control	Pin to GPIO (0x0)
652	Mapped Event	Port 0 DP Mode Select Event (0x29)	652	Mapped Event	Port 0 DP Mode Select Event (0x29)
653	GPIO Polarity	Direct-mapped Event (0x0)	653	GPIO Polarity	Direct-mapped Event (0x0)
654	GPIO #6 (Derived I2C3)		654	GPIO #6 (Derived I2C3)	
655	Multiplexing for GPIO 6 pin	Pin Multiplexed to GPIO (0x0)	655	Multiplexing for GPIO 6 pin	Pin Multiplexed to GPIO (0x0)
656	Map Pin to GPIO or Alternate Function	GPIO (0x0)	656	Map Pin to GPIO or Alternate Function	GPIO (0x0)
657	Output Enable	True (0x1)	657	Output Enable	True (0x1)
658	Interrupt Enable	False (0x0)	658	Interrupt Enable	False (0x0)
659	Initial Value	0b0 (0x0)	659	Initial Value	0b0 (0x0)
660	Open Drain Output Enable	False (0x0)	660	Open Drain Output Enable	False (0x0)
661	Internal Pull Down Enable	False (0x0)	661	Internal Pull Down Enable	False (0x0)
662	Internal Pull Up Enable	False (0x0)	662	Internal Pull Up Enable	False (0x0)
663	GPIO Analog Input Control	Pin to GPIO (0x0)	663	GPIO Analog Input Control	Pin to GPIO (0x0)
664	Mapped Event	Port 0 USB3 Event (0x27)	664	Mapped Event	Port 0 USB3 Event (0x27)
665	GPIO Polarity	Direct-mapped Event (0x0)	665	GPIO Polarity	Direct-mapped Event (0x0)
666	GPIO #7		666	GPIO #7	
667	Multiplexing for GPIO 7 pin	Pin Multiplexed to GPIO (0x0)	667	Multiplexing for GPIO 7 pin	Pin Multiplexed to GPIO (0x0)
668	Map Pin to GPIO or Alternate Function	GPIO (0x0)	668	Map Pin to GPIO or Alternate Function	GPIO (0x0)
669	Output Enable	True (0x1)	669	Output Enable	True (0x1)
670	Interrupt Enable	False (0x0)	670	Interrupt Enable	False (0x0)
671	Initial Value	0b0 (0x0)	671	Initial Value	0b0 (0x0)
672	Open Drain Output Enable	False (0x0)	672	Open Drain Output Enable	False (0x0)
673	Internal Pull Down Enable	False (0x0)	673	Internal Pull Down Enable	False (0x0)
674	Internal Pull Up Enable	False (0x0)	674	Internal Pull Up Enable	False (0x0)
675	GPIO Analog Input Control	Pin to GPIO (0x0)	675	GPIO Analog Input Control	Pin to GPIO (0x0)
676	Mapped Event	Port 0 Cable Orientation Event (0x3)	676	Mapped Event	Port 0 Cable Orientation Event (0x3)
677	GPIO Polarity	Direct-mapped Event (0x0)	677	GPIO Polarity	Direct-mapped Event (0x0)
678	GPIO #8 (SPI MISO)		678	GPIO #8 (SPI MISO)	
679	Multiplexing for GPIO 8 pin	Pin Multiplexed to GPIO (0x0)	679	Multiplexing for GPIO 8 pin	Pin Multiplexed to GPIO (0x0)
680	Map Pin to GPIO or Alternate Function	GPIO (0x0)	680	Map Pin to GPIO or Alternate Function	GPIO (0x0)

681	Output Enable	False (0x0)
682	Interrupt Enable	False (0x0)
683	Initial Value	0b0 (0x0)
684	Open Drain Output Enable	False (0x0)
685	Internal Pull Down Enable	False (0x0)
686	Internal Pull Up Enable	False (0x0)
687	GPIO Analog Input Control	Pin to GPIO (0x0)
688	Mapped Event	Disabled (0x0)
689	GPIO Polarity	Direct-mapped Event (0x0)
690	GPIO #9 (SPI MOSI)	
691	Multiplexing for GPIO 9 pin	Pin Multiplexed to GPIO (0x0)
692	Map Pin to GPIO or Alternate Function	GPIO (0x0)
693	Output Enable	False (0x0)
694	Interrupt Enable	False (0x0)
695	Initial Value	0b0 (0x0)
696	Open Drain Output Enable	False (0x0)
697	Internal Pull Down Enable	False (0x0)
698	Internal Pull Up Enable	False (0x0)
699	GPIO Analog Input Control	Pin to GPIO (0x0)
700	Mapped Event	Disabled (0x0)
701	GPIO Polarity	Direct-mapped Event (0x0)
702	GPIO #10 (SPI SCLK)	
703	Multiplexing for GPIO 10 pin	Pin Multiplexed to GPIO (0x0)
704	Map Pin to GPIO or Alternate Function	GPIO (0x0)
705	Output Enable	False (0x0)
706	Interrupt Enable	False (0x0)
707	Initial Value	0b0 (0x0)
708	Open Drain Output Enable	False (0x0)
709	Internal Pull Down Enable	False (0x0)
710	Internal Pull Up Enable	False (0x0)
711	GPIO Analog Input Control	Pin to GPIO (0x0)
712	Mapped Event	Disabled (0x0)
713	GPIO Polarity	Direct-mapped Event (0x0)
714	GPIO #11 (SPI CS)	
715	Multiplexing for GPIO 11 pin	Pin Multiplexed to GPIO (0x0)
716	Map Pin to GPIO or Alternate Function	GPIO (0x0)
717	Output Enable	False (0x0)
718	Interrupt Enable	False (0x0)
719	Initial Value	0b0 (0x0)
720	Open Drain Output Enable	False (0x0)
721	Internal Pull Down Enable	False (0x0)
722	Internal Pull Up Enable	False (0x0)
723	GPIO Analog Input Control	Pin to GPIO (0x0)
724	Mapped Event	Disabled (0x0)
725	GPIO Polarity	Direct-mapped Event (0x0)
726	GPIO #12 (SWD CLK)	
727	Multiplexing for GPIO 12 pin	Pin Multiplexed to GPIO (0x0)
728	Map Pin to GPIO or Alternate Function	GPIO (0x0)
729	Output Enable	True (0x1)
730	Interrupt Enable	False (0x0)
731	Initial Value	0b0 (0x0)
732	Open Drain Output Enable	False (0x0)
733	Internal Pull Down Enable	False (0x0)
734	Internal Pull Up Enable	False (0x0)
735	GPIO Analog Input Control	Pin to GPIO (0x0)
736	Mapped Event	Port 0 Source PDO Negotiated TT 1 (0xb)
737	GPIO Polarity	Direct-mapped Event (0x0)
738	GPIO #13 (SWD DATA)	
739	Multiplexing for GPIO 13 pin	Pin Multiplexed to GPIO (0x0)
740	Map Pin to GPIO or Alternate Function	GPIO (0x0)
741	Output Enable	True (0x1)
742	Interrupt Enable	False (0x0)
743	Initial Value	0b0 (0x0)
744	Open Drain Output Enable	False (0x0)
745	Internal Pull Down Enable	False (0x0)
746	Internal Pull Up Enable	False (0x0)
747	GPIO Analog Input Control	Pin to GPIO (0x0)
748	Mapped Event	Port 0 Source PDO Negotiated TT 2 (0xc)

681	Output Enable	False (0x0)
682	Interrupt Enable	False (0x0)
683	Initial Value	0b0 (0x0)
684	Open Drain Output Enable	False (0x0)
685	Internal Pull Down Enable	False (0x0)
686	Internal Pull Up Enable	False (0x0)
687	GPIO Analog Input Control	Pin to GPIO (0x0)
688	Mapped Event	Disabled (0x0)
689	GPIO Polarity	Direct-mapped Event (0x0)
690	GPIO #9 (SPI MOSI)	
691	Multiplexing for GPIO 9 pin	Pin Multiplexed to GPIO (0x0)
692	Map Pin to GPIO or Alternate Function	GPIO (0x0)
693	Output Enable	False (0x0)
694	Interrupt Enable	False (0x0)
695	Initial Value	0b0 (0x0)
696	Open Drain Output Enable	False (0x0)
697	Internal Pull Down Enable	False (0x0)
698	Internal Pull Up Enable	False (0x0)
699	GPIO Analog Input Control	Pin to GPIO (0x0)
700	Mapped Event	Disabled (0x0)
701	GPIO Polarity	Direct-mapped Event (0x0)
702	GPIO #10 (SPI SCLK)	
703	Multiplexing for GPIO 10 pin	Pin Multiplexed to GPIO (0x0)
704	Map Pin to GPIO or Alternate Function	GPIO (0x0)
705	Output Enable	False (0x0)
706	Interrupt Enable	False (0x0)
707	Initial Value	0b0 (0x0)
708	Open Drain Output Enable	False (0x0)
709	Internal Pull Down Enable	False (0x0)
710	Internal Pull Up Enable	False (0x0)
711	GPIO Analog Input Control	Pin to GPIO (0x0)
712	Mapped Event	Disabled (0x0)
713	GPIO Polarity	Direct-mapped Event (0x0)
714	GPIO #11 (SPI CS)	
715	Multiplexing for GPIO 11 pin	Pin Multiplexed to GPIO (0x0)
716	Map Pin to GPIO or Alternate Function	GPIO (0x0)
717	Output Enable	False (0x0)
718	Interrupt Enable	False (0x0)
719	Initial Value	0b0 (0x0)
720	Open Drain Output Enable	False (0x0)
721	Internal Pull Down Enable	False (0x0)
722	Internal Pull Up Enable	False (0x0)
723	GPIO Analog Input Control	Pin to GPIO (0x0)
724	Mapped Event	Disabled (0x0)
725	GPIO Polarity	Direct-mapped Event (0x0)
726	GPIO #12 (SWD CLK)	
727	Multiplexing for GPIO 12 pin	Pin Multiplexed to GPIO (0x0)
728	Map Pin to GPIO or Alternate Function	GPIO (0x0)
729	Output Enable	True (0x1)
730	Interrupt Enable	False (0x0)
731	Initial Value	0b0 (0x0)
732	Open Drain Output Enable	False (0x0)
733	Internal Pull Down Enable	False (0x0)
734	Internal Pull Up Enable	False (0x0)
735	GPIO Analog Input Control	Pin to GPIO (0x0)
736	Mapped Event	Port 0 Source PDO Negotiated TT 1 (0xb)
737	GPIO Polarity	Direct-mapped Event (0x0)
738	GPIO #13 (SWD DATA)	
739	Multiplexing for GPIO 13 pin	Pin Multiplexed to GPIO (0x0)
740	Map Pin to GPIO or Alternate Function	GPIO (0x0)
741	Output Enable	True (0x1)
742	Interrupt Enable	False (0x0)
743	Initial Value	0b0 (0x0)
744	Open Drain Output Enable	False (0x0)
745	Internal Pull Down Enable	False (0x0)
746	Internal Pull Up Enable	False (0x0)
747	GPIO Analog Input Control	Pin to GPIO (0x0)
748	Mapped Event	Port 0 Source PDO Negotiated TT 2 (0xc)

749	GPIO Polarity	Direct-mapped Event (0x0)
750	GPIO #14 (PWM1)	
751	Multiplexing for GPIO 14 pin	Pin Multiplexed to GPIO (0x0)
752	Map Pin to GPIO or Alternate Function	GPIO (0x0)
753	Output Enable	True (0x1)
754	Interrupt Enable	False (0x0)
755	Initial Value	0b0 (0x0)
756	Open Drain Output Enable	False (0x0)
757	Internal Pull Down Enable	False (0x0)
758	Internal Pull Up Enable	False (0x0)
759	GPIO Analog Input Control	Pin to GPIO (0x0)
760	Mapped Event	Port 1 Source PDO Negotiated TT 2 (0x13)
761	GPIO Polarity	Direct-mapped Event (0x0)
762	GPIO #15 (PWM2)	
763	Multiplexing for GPIO 15 pin	Pin Multiplexed to GPIO (0x0)
764	Map Pin to GPIO or Alternate Function	GPIO (0x0)
765	Output Enable	True (0x1)
766	Interrupt Enable	False (0x0)
767	Initial Value	0b0 (0x0)
768	Open Drain Output Enable	False (0x0)
769	Internal Pull Down Enable	False (0x0)
770	Internal Pull Up Enable	False (0x0)
771	GPIO Analog Input Control	Pin to GPIO (0x0)
772	Mapped Event	Port 1 Source PDO Negotiated TT 1 (0x12)
773	GPIO Polarity	Direct-mapped Event (0x0)
774	GPIO #16 (PP3)	
775	Multiplexing for GPIO 16 pin	Pin Multiplexed to Alternate Function (PP3) (0x2)
776	Map Pin to GPIO or Alternate Function	PP3 (0x1)
777	Output Enable	False (0x0)
778	Interrupt Enable	False (0x0)
779	Initial Value	0b0 (0x0)
780	Open Drain Output Enable	False (0x0)
781	Internal Pull Down Enable	False (0x0)
782	Internal Pull Up Enable	False (0x0)
783	GPIO Analog Input Control	Pin to GPIO (0x0)
784	Mapped Event	Disabled (0x0)
785	GPIO Polarity	Direct-mapped Event (0x0)
786	GPIO #17 (PP4)	
787	Multiplexing for GPIO 17 pin	Pin Multiplexed to Alternate Function (PP4) (0x2)
788	Map Pin to GPIO or Alternate Function	PP4 (0x1)
789	Output Enable	False (0x0)
790	Interrupt Enable	False (0x0)
791	Initial Value	0b0 (0x0)
792	Open Drain Output Enable	False (0x0)
793	Internal Pull Down Enable	False (0x0)
794	Internal Pull Up Enable	False (0x0)
795	GPIO Analog Input Control	Pin to GPIO (0x0)
796	Mapped Event	Disabled (0x0)
797	GPIO Polarity	Direct-mapped Event (0x0)
798	GPIO #18	
799	Multiplexing for GPIO 18 pin	Pin Multiplexed to GPIO (0x0)
800	Map Pin to GPIO or Alternate Function	GPIO (0x0)
801	Output Enable	False (0x0)
802	Interrupt Enable	False (0x0)
803	Initial Value	0b0 (0x0)
804	Open Drain Output Enable	False (0x0)
805	Internal Pull Down Enable	False (0x0)
806	Internal Pull Up Enable	False (0x0)
807	GPIO Analog Input Control	Reserved, Set 0 (0x0)
808	Mapped Event	Disabled (0x0)
809	GPIO Polarity	Direct-mapped Event (0x0)
810	GPIO #19	
811	Multiplexing for GPIO 19 pin	Pin Multiplexed to GPIO (0x0)
812	Map Pin to GPIO or Alternate Function	GPIO (0x0)
813	Output Enable	False (0x0)
814	Interrupt Enable	False (0x0)
815	Initial Value	0b0 (0x0)
816	Open Drain Output Enable	False (0x0)

749	GPIO Polarity	Direct-mapped Event (0x0)
750	GPIO #14 (PWM1)	
751	Multiplexing for GPIO 14 pin	Pin Multiplexed to GPIO (0x0)
752	Map Pin to GPIO or Alternate Function	GPIO (0x0)
753	Output Enable	True (0x1)
754	Interrupt Enable	False (0x0)
755	Initial Value	0b0 (0x0)
756	Open Drain Output Enable	False (0x0)
757	Internal Pull Down Enable	False (0x0)
758	Internal Pull Up Enable	False (0x0)
759	GPIO Analog Input Control	Pin to GPIO (0x0)
760	Mapped Event	Port 1 Source PDO Negotiated TT 2 (0x13)
761	GPIO Polarity	Direct-mapped Event (0x0)
762	GPIO #15 (PWM2)	
763	Multiplexing for GPIO 15 pin	Pin Multiplexed to GPIO (0x0)
764	Map Pin to GPIO or Alternate Function	GPIO (0x0)
765	Output Enable	True (0x1)
766	Interrupt Enable	False (0x0)
767	Initial Value	0b0 (0x0)
768	Open Drain Output Enable	False (0x0)
769	Internal Pull Down Enable	False (0x0)
770	Internal Pull Up Enable	False (0x0)
771	GPIO Analog Input Control	Pin to GPIO (0x0)
772	Mapped Event	Port 1 Source PDO Negotiated TT 1 (0x12)
773	GPIO Polarity	Direct-mapped Event (0x0)
774	GPIO #16 (PP3)	
775	Multiplexing for GPIO 16 pin	Pin Multiplexed to Alternate Function (PP3) (0x2)
776	Map Pin to GPIO or Alternate Function	PP3 (0x1)
777	Output Enable	False (0x0)
778	Interrupt Enable	False (0x0)
779	Initial Value	0b0 (0x0)
780	Open Drain Output Enable	False (0x0)
781	Internal Pull Down Enable	False (0x0)
782	Internal Pull Up Enable	False (0x0)
783	GPIO Analog Input Control	Pin to GPIO (0x0)
784	Mapped Event	Disabled (0x0)
785	GPIO Polarity	Direct-mapped Event (0x0)
786	GPIO #17 (PP4)	
787	Multiplexing for GPIO 17 pin	Pin Multiplexed to Alternate Function (PP4) (0x2)
788	Map Pin to GPIO or Alternate Function	PP4 (0x1)
789	Output Enable	False (0x0)
790	Interrupt Enable	False (0x0)
791	Initial Value	0b0 (0x0)
792	Open Drain Output Enable	False (0x0)
793	Internal Pull Down Enable	False (0x0)
794	Internal Pull Up Enable	False (0x0)
795	GPIO Analog Input Control	Pin to GPIO (0x0)
796	Mapped Event	Disabled (0x0)
797	GPIO Polarity	Direct-mapped Event (0x0)
798	GPIO #18	
799	Multiplexing for GPIO 18 pin	Pin Multiplexed to GPIO (0x0)
800	Map Pin to GPIO or Alternate Function	GPIO (0x0)
801	Output Enable	False (0x0)
802	Interrupt Enable	False (0x0)
803	Initial Value	0b0 (0x0)
804	Open Drain Output Enable	False (0x0)
805	Internal Pull Down Enable	False (0x0)
806	Internal Pull Up Enable	False (0x0)
807	GPIO Analog Input Control	Reserved, Set 0 (0x0)
808	Mapped Event	Disabled (0x0)
809	GPIO Polarity	Direct-mapped Event (0x0)
810	GPIO #19	
811	Multiplexing for GPIO 19 pin	Pin Multiplexed to GPIO (0x0)
812	Map Pin to GPIO or Alternate Function	GPIO (0x0)
813	Output Enable	False (0x0)
814	Interrupt Enable	False (0x0)
815	Initial Value	0b0 (0x0)
816	Open Drain Output Enable	False (0x0)

817	Internal Pull Down Enable	False (0x0)
818	Internal Pull Up Enable	False (0x0)
819	GPIO Analog Input Control	Reserved, Set 0 (0x0)
820	Mapped Event	Disabled (0x0)
821	GPIO Polarity	Direct-mapped Event (0x0)
822	GPIO #20	
823	Multiplexing for GPIO 20 pin	Pin Multiplexed to GPIO (0x0)
824	Map Pin to GPIO or Alternate Function	GPIO (0x0)
825	Output Enable	False (0x0)
826	Interrupt Enable	False (0x0)
827	Initial Value	0b0 (0x0)
828	Open Drain Output Enable	False (0x0)
829	Internal Pull Down Enable	False (0x0)
830	Internal Pull Up Enable	False (0x0)
831	GPIO Analog Input Control	Reserved, Set 0 (0x0)
832	Mapped Event	Disabled (0x0)
833	GPIO Polarity	Direct-mapped Event (0x0)
834	GPIO #21	
835	Multiplexing for GPIO 21 pin	Pin Multiplexed to GPIO (0x0)
836	Map Pin to GPIO or Alternate Function	GPIO (0x0)
837	Output Enable	False (0x0)
838	Interrupt Enable	False (0x0)
839	Initial Value	0b0 (0x0)
840	Open Drain Output Enable	False (0x0)
841	Internal Pull Down Enable	False (0x0)
842	Internal Pull Up Enable	False (0x0)
843	GPIO Analog Input Control	Reserved, Set 0 (0x0)
844	Mapped Event	Disabled (0x0)
845	GPIO Polarity	Direct-mapped Event (0x0)
846		
847	App Config Binary Data Indices (0x62) - (0x0)	
848	App Config Binary Data Indices	
849	Country Codes Start Index	0 (0x0)
850	Country Codes Number of Indices	0 (0x0)
851	Common I2C Record Start Index	0 (0x0)
852	Common I2C Record Number of Indices	0 (0x0)
853	Port 1 I2C Record Start Index	0 (0x0)
854	Port 1 I2C Record Number of Indices	0 (0x0)
855	Port 2 I2C Record Start Index	0 (0x0)
856	Port 2 I2C Record Number of Indices	0 (0x0)
857	Future Use 1	0 (0x0)
858	Future Use 2	0 (0x0)
859		
860	I2C Master Configuration (0x64) - (0x0)	
861	Slave Address Configuration	
862	Slave 1 Configuration	
863	Slave 1 I2C Address	0x0 (0x0)
864	Slave 1 Master Selection	I2C1 (0x0)
865	Slave 2 Configuration	
866	Slave 2 I2C Address	0x0 (0x0)
867	Slave 2 Master Selection	I2C1 (0x0)
868	Slave 3 Configuration	
869	Slave 3 I2C Address	0x0 (0x0)
870	Slave 3 Master Selection	I2C1 (0x0)
871	Slave 4 Configuration	
872	Slave 4 I2C Address	0x0 (0x0)
873	Slave 4 Master Selection	I2C1 (0x0)
874	Slave 5 Configuration	
875	Slave 5 I2C Address	0x0 (0x0)
876	Slave 5 Master Selection	I2C1 (0x0)
877	Slave 6 Configuration	
878	Slave 6 I2C Address	0x0 (0x0)
879	Slave 6 Master Selection	I2C1 (0x0)
880	Slave 7 Configuration	
881	Slave 7 I2C Address	0x0 (0x0)
882	Slave 7 Master Selection	I2C1 (0x0)
883	Slave 8 Configuration	
884	Slave 8 I2C Address	0x0 (0x0)

817	Internal Pull Down Enable	False (0x0)
818	Internal Pull Up Enable	False (0x0)
819	GPIO Analog Input Control	Reserved, Set 0 (0x0)
820	Mapped Event	Disabled (0x0)
821	GPIO Polarity	Direct-mapped Event (0x0)
822	GPIO #20	
823	Multiplexing for GPIO 20 pin	Pin Multiplexed to GPIO (0x0)
824	Map Pin to GPIO or Alternate Function	GPIO (0x0)
825	Output Enable	False (0x0)
826	Interrupt Enable	False (0x0)
827	Initial Value	0b0 (0x0)
828	Open Drain Output Enable	False (0x0)
829	Internal Pull Down Enable	False (0x0)
830	Internal Pull Up Enable	False (0x0)
831	GPIO Analog Input Control	Reserved, Set 0 (0x0)
832	Mapped Event	Disabled (0x0)
833	GPIO Polarity	Direct-mapped Event (0x0)
834	GPIO #21	
835	Multiplexing for GPIO 21 pin	Pin Multiplexed to GPIO (0x0)
836	Map Pin to GPIO or Alternate Function	GPIO (0x0)
837	Output Enable	False (0x0)
838	Interrupt Enable	False (0x0)
839	Initial Value	0b0 (0x0)
840	Open Drain Output Enable	False (0x0)
841	Internal Pull Down Enable	False (0x0)
842	Internal Pull Up Enable	False (0x0)
843	GPIO Analog Input Control	Reserved, Set 0 (0x0)
844	Mapped Event	Disabled (0x0)
845	GPIO Polarity	Direct-mapped Event (0x0)
846		
847	App Config Binary Data Indices (0x62) - (0x0)	
848	App Config Binary Data Indices	
849	Country Codes Start Index	0 (0x0)
850	Country Codes Number of Indices	0 (0x0)
851	Common I2C Record Start Index	0 (0x0)
852	Common I2C Record Number of Indices	0 (0x0)
853	Port 1 I2C Record Start Index	0 (0x0)
854	Port 1 I2C Record Number of Indices	0 (0x0)
855	Port 2 I2C Record Start Index	0 (0x0)
856	Port 2 I2C Record Number of Indices	0 (0x0)
857	Future Use 1	0 (0x0)
858	Future Use 2	0 (0x0)
859		
860	I2C Master Configuration (0x64) - (0x0)	
861	Slave Address Configuration	
862	Slave 1 Configuration	
863	Slave 1 I2C Address	0x0 (0x0)
864	Slave 1 Master Selection	I2C1 (0x0)
865	Slave 2 Configuration	
866	Slave 2 I2C Address	0x0 (0x0)
867	Slave 2 Master Selection	I2C1 (0x0)
868	Slave 3 Configuration	
869	Slave 3 I2C Address	0x0 (0x0)
870	Slave 3 Master Selection	I2C1 (0x0)
871	Slave 4 Configuration	
872	Slave 4 I2C Address	0x0 (0x0)
873	Slave 4 Master Selection	I2C1 (0x0)
874	Slave 5 Configuration	
875	Slave 5 I2C Address	0x0 (0x0)
876	Slave 5 Master Selection	I2C1 (0x0)
877	Slave 6 Configuration	
878	Slave 6 I2C Address	0x0 (0x0)
879	Slave 6 Master Selection	I2C1 (0x0)
880	Slave 7 Configuration	
881	Slave 7 I2C Address	0x0 (0x0)
882	Slave 7 Master Selection	I2C1 (0x0)
883	Slave 8 Configuration	
884	Slave 8 I2C Address	0x0 (0x0)

[illegible][illegible]

953	Touch Current		
954	Low Touch Current EPS	False	(0x0)
955	Ground Pin Supported	False	(0x0)
956	Ground Pin Intended for Protective Earth	False	(0x0)
957	Peak Current 1		
958	Peak Overload Current	0 %	(0x0)
959	Overload Period	0 mS	(0x0)
960	Duty Cycle	0 %	(0x0)
961	VBus Droop	False	(0x0)
962	Peak Current 2		
963	Peak Overload Current	0 %	(0x0)
964	Overload Period	0 mS	(0x0)
965	Duty Cycle	0 %	(0x0)
966	VBus Droop	False	(0x0)
967	Peak Current 3		
968	Peak Overload Current	0 %	(0x0)
969	Overload Period	0 mS	(0x0)
970	Duty Cycle	0 %	(0x0)
971	VBus Droop	False	(0x0)
972	Touch Temperature		
973	Touch Temperature	IEC 60950-1 Compliant	(0x0)
974	Source Inputs		
975	External Supply Present	False	(0x0)
976	External Supply is Unconstrained	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)

953	Touch Current		
954	Low Touch Current EPS	False	(0x0)
955	Ground Pin Supported	False	(0x0)
956	Ground Pin Intended for Protective Earth	False	(0x0)
957	Peak Current 1		
958	Peak Overload Current	0 %	(0x0)
959	Overload Period	0 mS	(0x0)
960	Duty Cycle	0 %	(0x0)
961	VBus Droop	False	(0x0)
962	Peak Current 2		
963	Peak Overload Current	0 %	(0x0)
964	Overload Period	0 mS	(0x0)
965	Duty Cycle	0 %	(0x0)
966	VBus Droop	False	(0x0)
967	Peak Current 3		
968	Peak Overload Current	0 %	(0x0)
969	Overload Period	0 mS	(0x0)
970	Duty Cycle	0 %	(0x0)
971	VBus Droop	False	(0x0)
972	Touch Temperature		
973	Touch Temperature	IEC 60950-1 Compliant	(0x0)
974	Source Inputs		
975	External Supply Present	False	(0x0)
976	External Supply is Unconstrained	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)
1027	Battery Type	0x0 (0x0)
1028		
1029	Tx Manufacturer Info SOP Prime (0x7f) - (0x0)	
1030	Tx Manufacturer Info SOP	
1031	Vendor ID	0x0 (0x0)
1032	Product ID	0x0 (0x0)
1033	Manufacturer String	0x0 (0x0)
1034	PK[03][04][14][00][00][00][00][00]ES:w?#1oó [00][00]ó [00][00]\$[00][00][00]Device 1, port 1 Debug Registers.txt	
1035	Mode (0x3) - (0x20505041)	
1036	Mode	
1037	Mode	APP (0x20505041)
1038		
1039	UID (0x5) - (0x897d821963a442ab9f13dlac2c254832)	
1040	UID	
1041	UID	0x897d821963a442ab9f13dlac2c254832 (0x897d821963a442ab9f13dlac2c254832)
1042		
1043	Command Register for CMD1 (0x8) - (0x0)	
1044	Command Register for CMD1	
1045	4cc Command	(0x0)
1046		
1047	Data Register for CMD1 (0x9) - (0x0)	
1048	Data Register for CMD1	
1049	Word 1 (Least Significant)	0x0 (0x0)
1050	Word 2	0x0 (0x0)
1051	Word 3	0x0 (0x0)
1052	Word 4	0x0 (0x0)
1053	Word 5	0x0 (0x0)
1054	Word 6	0x0 (0x0)
1055	Word 7	0x0 (0x0)
1056	Word 8	0x0 (0x0)
1057	Word 9	0x0 (0x0)
1058	Word 10	0x0 (0x0)
1059	Word 11	0x0 (0x0)
1060	Word 12	0x0 (0x0)
1061	Word 13	0x0 (0x0)
1062	Word 14	0x0 (0x0)
1063	Word 15	0x0 (0x0)
1064	Word 16	0x0 (0x0)
1065		
1066	Version (0xf) - (0xf7071009)	
1067	Version	
1068	Version	0xf7071009 (0xf7071009)
1069		
1070	Command Register for CMD2 (0x10) - (0x0)	
1071	Command Register for CMD2	
1072	4cc Command	(0x0)
1073		
1074	Data Register for CMD2 (0x11) - (0x0)	
1075	Data Register for CMD2	
1076	Word 1 (Least Significant)	0x0 (0x0)
1077	Word 2	0x0 (0x0)
1078	Word 3	0x0 (0x0)
1079	Word 4	0x0 (0x0)
1080	Word 5	0x0 (0x0)
1081	Word 6	0x0 (0x0)
1082	Word 7	0x0 (0x0)
1083	Word 8	0x0 (0x0)
1084	Word 9	0x0 (0x0)
1085	Word 10	0x0 (0x0)
1086	Word 11	0x0 (0x0)
1087	Word 12	0x0 (0x0)
1088	Word 13	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)
1027	Battery Type	0x0 (0x0)
1028		
1029	Tx Manufacturer Info SOP Prime (0x7f) - (0x0)	
1030	Tx Manufacturer Info SOP	
1031	Vendor ID	0x0 (0x0)
1032	Product ID	0x0 (0x0)
1033	Manufacturer String	0x0 (0x0)
1034	PK[03][04][14][00][00][00][00][00]R:w[0C]"x0@±[00][00]@±[00][00]\$[00][00][00]Device 1, port 1 Debug Registers.txt	
1035	Mode (0x3) - (0x20505041)	
1036	Mode	
1037	Mode	APP (0x20505041)
1038		
1039	UID (0x5) - (0x897d821963a442ab9f13dlac2c254832)	
1040	UID	
1041	UID	0x897d821963a442ab9f13dlac2c254832 (0x897d821963a442ab9f13dlac2c254832)
1042		
1043	Command Register for CMD1 (0x8) - (0x0)	
1044	Command Register for CMD1	
1045	4cc Command	(0x0)
1046		
1047	Data Register for CMD1 (0x9) - (0x0)	
1048	Data Register for CMD1	
1049	Word 1 (Least Significant)	0x0 (0x0)
1050	Word 2	0x0 (0x0)
1051	Word 3	0x0 (0x0)
1052	Word 4	0x0 (0x0)
1053	Word 5	0x0 (0x0)
1054	Word 6	0x0 (0x0)
1055	Word 7	0x0 (0x0)
1056	Word 8	0x0 (0x0)
1057	Word 9	0x0 (0x0)
1058	Word 10	0x0 (0x0)
1059	Word 11	0x0 (0x0)
1060	Word 12	0x0 (0x0)
1061	Word 13	0x0 (0x0)
1062	Word 14	0x0 (0x0)
1063	Word 15	0x0 (0x0)
1064	Word 16	0x0 (0x0)
1065		
1066	Version (0xf) - (0xf7071009)	
1067	Version	
1068	Version	0xf7071009 (0xf7071009)
1069		
1070	Command Register for CMD2 (0x10) - (0x0)	
1071	Command Register for CMD2	
1072	4cc Command	(0x0)
1073		
1074	Data Register for CMD2 (0x11) - (0x0)	
1075	Data Register for CMD2	
1076	Word 1 (Least Significant)	0x0 (0x0)
1077	Word 2	0x0 (0x0)
1078	Word 3	0x0 (0x0)
1079	Word 4	0x0 (0x0)
1080	Word 5	0x0 (0x0)
1081	Word 6	0x0 (0x0)
1082	Word 7	0x0 (0x0)
1083	Word 8	0x0 (0x0)
1084	Word 9	0x0 (0x0)
1085	Word 10	0x0 (0x0)
1086	Word 11	0x0 (0x0)
1087	Word 12	0x0 (0x0)
1088	Word 13	0x0 (0x0)

1089	Word 14	0x0 (0x0)		1089	Word 14	0x0 (0x0)	
1090	Word 15	0x0 (0x0)		1090	Word 15	0x0 (0x0)	
1091	Word 16	0x0 (0x0)		1091	Word 16	0x0 (0x0)	
1092				1092			
1093	Interrupt Event for I2C1 (0x14) - (0x10000000000000068000008)			1093	Interrupt Event for I2C1 (0x14) - (0x1000000000000000f802008)		
1094	Interrupt Event for I2C1			1094	Interrupt Event for I2C1		
1095	Interrupt Event for I2C1			1095	Interrupt Event for I2C1		
1096	Soft Reset	False (0x0)		1096	Soft Reset	False (0x0)	
1097	Hard Reset	False (0x0)		1097	Hard Reset	False (0x0)	
1098	Cable Reset Event	False (0x0)		1098	Cable Reset Event	False (0x0)	
1099	Plug Insert or Removal	True (0x1)		1099	Plug Insert or Removal	True (0x1)	
1100	PR Swap Complete	False (0x0)		1100	PR Swap Complete	False (0x0)	
1101	DR Swap Complete	False (0x0)		1101	DR Swap Complete	False (0x0)	
1102	FR Swap Complete	False (0x0)		1102	FR Swap Complete	False (0x0)	
1103	RDO Received from Sink	False (0x0)		1103	RDO Received from Sink	False (0x0)	
1104	Built-In Self Test	False (0x0)		1104	Built-In Self Test	False (0x0)	
1105	Overcurrent Event	False (0x0)		1105	Overcurrent Event	False (0x0)	
1106	Attention Received	False (0x0)		1106	Attention Received	False (0x0)	
1107	Vendor-Defined Message Received	False (0x0)		1107	Vendor-Defined Message Received	False (0x0)	
1108	New Contract as Consumer	False (0x0)		1108	New Contract as Consumer	False (0x0)	
1109	New Contract as Provider	False (0x0)		1109	New Contract as Provider	True (0x1)	
1110	Source Capabilities Message Ready	False (0x0)		1110	Source Capabilities Message Ready	False (0x0)	
1111	Sink Capabilities Message Ready	False (0x0)		1111	Sink Capabilities Message Ready	False (0x0)	
1112	Low Voltage Warning	False (0x0)		1112	Low Voltage Warning	False (0x0)	
1113	PR Swap Requested	False (0x0)		1113	PR Swap Requested	False (0x0)	
1114	DR Swap Requested	False (0x0)		1114	DR Swap Requested	False (0x0)	
1115	Goto Min Received	False (0x0)		1115	Goto Min Received	False (0x0)	
1116	USB Host Present	False (0x0)		1116	USB Host Present	False (0x0)	
1117	USB Host Present no longer	False (0x0)		1117	USB Host Present no longer	False (0x0)	
1118	High Voltage Warning	False (0x0)		1118	High Voltage Warning	False (0x0)	
1119	PP Switch Changed	True (0x1)		1119	PP Switch Changed	True (0x1)	
1120	Power Status Update	False (0x0)		1120	Power Status Update	True (0x1)	
1121	Data Status Update	True (0x1)		1121	Data Status Update	True (0x1)	
1122	Status Update	True (0x1)		1122	Status Update	True (0x1)	
1123	PD Status Update	False (0x0)		1123	PD Status Update	True (0x1)	
1124	VCONN Swap Complete	False (0x0)		1124	VCONN Swap Complete	False (0x0)	
1125	VCONN Swap Requested	False (0x0)		1125	VCONN Swap Requested	False (0x0)	
1126	CMD1 Complete	False (0x0)		1126	CMD1 Complete	False (0x0)	
1127	CMD2 Complete	False (0x0)		1127	CMD2 Complete	False (0x0)	
1128	Error: Device Incompatible	False (0x0)		1128	Error: Device Incompatible	False (0x0)	
1129	Error: Cannot Provide Voltage or Current	False (0x0)		1129	Error: Cannot Provide Voltage or Current	False (0x0)	
1130	Error: Can Provide Voltage or Current Later	False (0x0)		1130	Error: Can Provide Voltage or Current Later	False (0x0)	
1131	Error: Power Event Occurred	False (0x0)		1131	Error: Power Event Occurred	False (0x0)	
1132	Error: Missing Get Capabilities Message	False (0x0)		1132	Error: Missing Get Capabilities Message	False (0x0)	
1133	Error: Protocol Error	False (0x0)		1133	Error: Protocol Error	False (0x0)	
1134	Error: Message Data	False (0x0)		1134	Error: Message Data	False (0x0)	
1135	Error: Discharge Failed	False (0x0)		1135	Error: Discharge Failed	False (0x0)	
1136	Sink Transition Complete	False (0x0)		1136	Sink Transition Complete	False (0x0)	
1137	Error: Unable to Source	False (0x0)		1137	Error: Unable to Source	False (0x0)	
1138	Error: BIST Message Ignored	False (0x0)		1138	Error: BIST Message Ignored	False (0x0)	
1139	AM Entry Failure	False (0x0)		1139	AM Entry Failure	False (0x0)	
1140	AM Entered	False (0x0)		1140	AM Entered	False (0x0)	
1141	Vendor Defined Message Sent	False (0x0)		1141	Vendor Defined Message Sent	False (0x0)	
1142	Discover Mode Complete	False (0x0)		1142	Discover Mode Complete	False (0x0)	
1143	Exit Mode Complete	False (0x0)		1143	Exit Mode Complete	False (0x0)	
1144	User SVID Mode Entered	False (0x0)		1144	User SVID Mode Entered	False (0x0)	
1145	User SVID Mode Exited	False (0x0)		1145	User SVID Mode Exited	False (0x0)	
1146	User SVID Attention VDM Received	False (0x0)		1146	User SVID Attention VDM Received	False (0x0)	
1147	User SVID Other VDM Received	False (0x0)		1147	User SVID Other VDM Received	False (0x0)	
1148	DP SID Status Update	False (0x0)		1148	DP SID Status Update	False (0x0)	
1149	Intel VID Status Update	False (0x0)		1149	Intel VID Status Update	False (0x0)	
1150	PD3 Status Update	False (0x0)		1150	PD3 Status Update	False (0x0)	
1151	TX Mem Buffer Empty	False (0x0)		1151	TX Mem Buffer Empty	False (0x0)	
1152	RX Mem Buffer Full	False (0x0)		1152	RX Mem Buffer Full	False (0x0)	
1153	Custom VDM Arrive	False (0x0)		1153	Custom VDM Arrive	False (0x0)	
1154	Custom AM Entered	False (0x0)		1154	Custom AM Entered	False (0x0)	
1155	Custom VDM Message Sent	False (0x0)		1155	Custom VDM Message Sent	False (0x0)	
1156	SOC ACK Timeout	False (0x0)		1156	SOC ACK Timeout	False (0x0)	

1157	FRS Signal Received	False (0x0)
1158	Chunk Response Received	False (0x0)
1159	Chunk Request Received	False (0x0)
1160	Alert Message Received	False (0x0)
1161	Common Interrupt Mask for I2C1	
1162	Patch Loaded True (0x1)	
1163	Ready for Patch False (0x0)	
1164		
1165	Interrupt Event for I2C2 (0x15) - (0x100000000000002000008)	
1166	Interrupt Event for I2C2	
1167	Interrupt Event for I2C2	
1168	Soft Reset	False (0x0)
1169	Hard Reset	False (0x0)
1170	Cable Reset Event	False (0x0)
1171	Plug Insert or Removal	True (0x1)
1172	PR Swap Complete	False (0x0)
1173	DR Swap Complete	False (0x0)
1174	FR Swap Complete	False (0x0)
1175	RDO Received from Sink	False (0x0)
1176	Built-In Self Test	False (0x0)
1177	Overcurrent Event	False (0x0)
1178	Attention Received	False (0x0)
1179	Vendor-Defined Message Received	False (0x0)
1180	New Contract as Consumer	False (0x0)
1181	New Contract as Provider	False (0x0)
1182	Source Capabilities Message Ready	False (0x0)
1183	Sink Capabilities Message Ready	False (0x0)
1184	Low Voltage Warning	False (0x0)
1185	PR Swap Requested	False (0x0)
1186	DR Swap Requested	False (0x0)
1187	Goto Min Received	False (0x0)
1188	USB Host Present	False (0x0)
1189	USB Host Present no longer	False (0x0)
1190	High Voltage Warning	False (0x0)
1191	PP Switch Changed	False (0x0)
1192	Power Status Update	False (0x0)
1193	Data Status Update	True (0x1)
1194	Status Update	False (0x0)
1195	PD Status Update	False (0x0)
1196	VCONN Swap Complete	False (0x0)
1197	VCONN Swap Requested	False (0x0)
1198	CMD1 Complete	False (0x0)
1199	CMD2 Complete	False (0x0)
1200	Error: Device Incompatible	False (0x0)
1201	Error: Cannot Provide Voltage or Current	False (0x0)
1202	Error: Can Provide Voltage or Current Later	False (0x0)
1203	Error: Power Event Occurred	False (0x0)
1204	Error: Missing Get Capabilities Message	False (0x0)
1205	Error: Protocol Error	False (0x0)
1206	Error: Message Data	False (0x0)
1207	Error: Discharge Failed	False (0x0)
1208	Sink Transition Complete	False (0x0)
1209	Error: Unable to Source	False (0x0)
1210	Error: BIST Message Ignored	False (0x0)
1211	AM Entry Failure	False (0x0)
1212	AM Entered	False (0x0)
1213	Vendor Defined Message Sent	False (0x0)
1214	Discover Mode Complete	False (0x0)
1215	Exit Mode Complete	False (0x0)
1216	User SVID Mode Entered	False (0x0)
1217	User SVID Mode Exited	False (0x0)
1218	User SVID Attention VDM Received	False (0x0)
1219	User SVID Other VDM Received	False (0x0)
1220	DP SID Status Update	False (0x0)
1221	Intel VID Status Update	False (0x0)
1222	PD3 Status Update	False (0x0)
1223	TX Mem Buffer Empty	False (0x0)
1224	RX Mem Buffer Full	False (0x0)

1157	FRS Signal Received	False (0x0)
1158	Chunk Response Received	False (0x0)
1159	Chunk Request Received	False (0x0)
1160	Alert Message Received	False (0x0)
1161	Common Interrupt Mask for I2C1	
1162	Patch Loaded True (0x1)	
1163	Ready for Patch False (0x0)	
1164		
1165	Interrupt Event for I2C2 (0x15) - (0x100000000000002000008)	
1166	Interrupt Event for I2C2	
1167	Interrupt Event for I2C2	
1168	Soft Reset	False (0x0)
1169	Hard Reset	False (0x0)
1170	Cable Reset Event	False (0x0)
1171	Plug Insert or Removal	True (0x1)
1172	PR Swap Complete	False (0x0)
1173	DR Swap Complete	False (0x0)
1174	FR Swap Complete	False (0x0)
1175	RDO Received from Sink	False (0x0)
1176	Built-In Self Test	False (0x0)
1177	Overcurrent Event	False (0x0)
1178	Attention Received	False (0x0)
1179	Vendor-Defined Message Received	False (0x0)
1180	New Contract as Consumer	False (0x0)
1181	New Contract as Provider	False (0x0)
1182	Source Capabilities Message Ready	False (0x0)
1183	Sink Capabilities Message Ready	False (0x0)
1184	Low Voltage Warning	False (0x0)
1185	PR Swap Requested	False (0x0)
1186	DR Swap Requested	False (0x0)
1187	Goto Min Received	False (0x0)
1188	USB Host Present	False (0x0)
1189	USB Host Present no longer	False (0x0)
1190	High Voltage Warning	False (0x0)
1191	PP Switch Changed	False (0x0)
1192	Power Status Update	False (0x0)
1193	Data Status Update	True (0x1)
1194	Status Update	False (0x0)
1195	PD Status Update	False (0x0)
1196	VCONN Swap Complete	False (0x0)
1197	VCONN Swap Requested	False (0x0)
1198	CMD1 Complete	False (0x0)
1199	CMD2 Complete	False (0x0)
1200	Error: Device Incompatible	False (0x0)
1201	Error: Cannot Provide Voltage or Current	False (0x0)
1202	Error: Can Provide Voltage or Current Later	False (0x0)
1203	Error: Power Event Occurred	False (0x0)
1204	Error: Missing Get Capabilities Message	False (0x0)
1205	Error: Protocol Error	False (0x0)
1206	Error: Message Data	False (0x0)
1207	Error: Discharge Failed	False (0x0)
1208	Sink Transition Complete	False (0x0)
1209	Error: Unable to Source	False (0x0)
1210	Error: BIST Message Ignored	False (0x0)
1211	AM Entry Failure	False (0x0)
1212	AM Entered	False (0x0)
1213	Vendor Defined Message Sent	False (0x0)
1214	Discover Mode Complete	False (0x0)
1215	Exit Mode Complete	False (0x0)
1216	User SVID Mode Entered	False (0x0)
1217	User SVID Mode Exited	False (0x0)
1218	User SVID Attention VDM Received	False (0x0)
1219	User SVID Other VDM Received	False (0x0)
1220	DP SID Status Update	False (0x0)
1221	Intel VID Status Update	False (0x0)
1222	PD3 Status Update	False (0x0)
1223	TX Mem Buffer Empty	False (0x0)
1224	RX Mem Buffer Full	False (0x0)

1293	Intel VID Status Update	False (0x0)
1294	PD3 Status Update	False (0x0)
1295	TX Mem Buffer Empty	False (0x0)
1296	RX Mem Buffer Full	False (0x0)
1297	Custom VDM Arrive	False (0x0)
1298	Custom AM Entered	False (0x0)
1299	Custom VDM Message Sent	False (0x0)
1300	SOC ACK Timeout	False (0x0)
1301	FRS Signal Received	False (0x0)
1302	Chunk Response Received	False (0x0)
1303	Chunk Request Received	False (0x0)
1304	Alert Message Received	False (0x0)
1305	Common Interrupt Mask for I2C1	
1306	Patch Loaded True (0x1)	
1307	Ready for Patch False (0x0)	
1308		
1309	Interrupt Clear for I2C2 (0x19) - (0x100000000000002000008)	
1310	Interrupt Event for I2C2	
1311	Interrupt Event for I2C2	
1312	Soft Reset	False (0x0)
1313	Hard Reset	False (0x0)
1314	Cable Reset Event	False (0x0)
1315	Plug Insert or Removal	True (0x1)
1316	PR Swap Complete	False (0x0)
1317	DR Swap Complete	False (0x0)
1318	FR Swap Complete	False (0x0)
1319	RDO Received from Sink	False (0x0)
1320	Built-In Self Test	False (0x0)
1321	Overcurrent Event	False (0x0)
1322	Attention Received	False (0x0)
1323	Vendor-Defined Message Received	False (0x0)
1324	New Contract as Consumer	False (0x0)
1325	New Contract as Provider	False (0x0)
1326	Source Capabilities Message Ready	False (0x0)
1327	Sink Capabilities Message Ready	False (0x0)
1328	Low Voltage Warning	False (0x0)
1329	PR Swap Requested	False (0x0)
1330	DR Swap Requested	False (0x0)
1331	Goto Min Received	False (0x0)
1332	USB Host Present	False (0x0)
1333	USB Host Present no longer	False (0x0)
1334	High Voltage Warning	False (0x0)
1335	PP Switch Changed	False (0x0)
1336	Power Status Update	False (0x0)
1337	Data Status Update	True (0x1)
1338	Status Update	False (0x0)
1339	PD Status Update	False (0x0)
1340	VCONN Swap Complete	False (0x0)
1341	VCONN Swap Requested	False (0x0)
1342	CMD1 Complete	False (0x0)
1343	CMD2 Complete	False (0x0)
1344	Error: Device Incompatible	False (0x0)
1345	Error: Cannot Provide Voltage or Current	False (0x0)
1346	Error: Can Provide Voltage or Current Later	False (0x0)
1347	Error: Power Event Occurred	False (0x0)
1348	Error: Missing Get Capabilities Message	False (0x0)
1349	Error: Protocol Error	False (0x0)
1350	Error: Message Data	False (0x0)
1351	Error: Discharge Failed	False (0x0)
1352	Sink Transition Complete	False (0x0)
1353	Error: Unable to Source	False (0x0)
1354	Error: BIST Message Ignored	False (0x0)
1355	AM Entry Failure	False (0x0)
1356	AM Entered	False (0x0)
1357	Vendor Defined Message Sent	False (0x0)
1358	Discover Mode Complete	False (0x0)
1359	Exit Mode Complete	False (0x0)
1360	User SVID Mode Entered	False (0x0)

1293	Intel VID Status Update	False (0x0)
1294	PD3 Status Update	False (0x0)
1295	TX Mem Buffer Empty	False (0x0)
1296	RX Mem Buffer Full	False (0x0)
1297	Custom VDM Arrive	False (0x0)
1298	Custom AM Entered	False (0x0)
1299	Custom VDM Message Sent	False (0x0)
1300	SOC ACK Timeout	False (0x0)
1301	FRS Signal Received	False (0x0)
1302	Chunk Response Received	False (0x0)
1303	Chunk Request Received	False (0x0)
1304	Alert Message Received	False (0x0)
1305	Common Interrupt Mask for I2C1	
1306	Patch Loaded True (0x1)	
1307	Ready for Patch False (0x0)	
1308		
1309	Interrupt Clear for I2C2 (0x19) - (0x100000000000002000008)	
1310	Interrupt Event for I2C2	
1311	Interrupt Event for I2C2	
1312	Soft Reset	False (0x0)
1313	Hard Reset	False (0x0)
1314	Cable Reset Event	False (0x0)
1315	Plug Insert or Removal	True (0x1)
1316	PR Swap Complete	False (0x0)
1317	DR Swap Complete	False (0x0)
1318	FR Swap Complete	False (0x0)
1319	RDO Received from Sink	False (0x0)
1320	Built-In Self Test	False (0x0)
1321	Overcurrent Event	False (0x0)
1322	Attention Received	False (0x0)
1323	Vendor-Defined Message Received	False (0x0)
1324	New Contract as Consumer	False (0x0)
1325	New Contract as Provider	False (0x0)
1326	Source Capabilities Message Ready	False (0x0)
1327	Sink Capabilities Message Ready	False (0x0)
1328	Low Voltage Warning	False (0x0)
1329	PR Swap Requested	False (0x0)
1330	DR Swap Requested	False (0x0)
1331	Goto Min Received	False (0x0)
1332	USB Host Present	False (0x0)
1333	USB Host Present no longer	False (0x0)
1334	High Voltage Warning	False (0x0)
1335	PP Switch Changed	False (0x0)
1336	Power Status Update	False (0x0)
1337	Data Status Update	True (0x1)
1338	Status Update	False (0x0)
1339	PD Status Update	False (0x0)
1340	VCONN Swap Complete	False (0x0)
1341	VCONN Swap Requested	False (0x0)
1342	CMD1 Complete	False (0x0)
1343	CMD2 Complete	False (0x0)
1344	Error: Device Incompatible	False (0x0)
1345	Error: Cannot Provide Voltage or Current	False (0x0)
1346	Error: Can Provide Voltage or Current Later	False (0x0)
1347	Error: Power Event Occurred	False (0x0)
1348	Error: Missing Get Capabilities Message	False (0x0)
1349	Error: Protocol Error	False (0x0)
1350	Error: Message Data	False (0x0)
1351	Error: Discharge Failed	False (0x0)
1352	Sink Transition Complete	False (0x0)
1353	Error: Unable to Source	False (0x0)
1354	Error: BIST Message Ignored	False (0x0)
1355	AM Entry Failure	False (0x0)
1356	AM Entered	False (0x0)
1357	Vendor Defined Message Sent	False (0x0)
1358	Discover Mode Complete	False (0x0)
1359	Exit Mode Complete	False (0x0)
1360	User SVID Mode Entered	False (0x0)

LockedUp_TPS65988_FULL_Snapshot.bin - JustStartedWorking_TPS65988_FULL_Snapshot.bin					
1361	User SVID Mode Exited	False (0x0)	1361	User SVID Mode Exited	False (0x0)
1362	User SVID Attention VDM Received	False (0x0)	1362	User SVID Attention VDM Received	False (0x0)
1363	User SVID Other VDM Received	False (0x0)	1363	User SVID Other VDM Received	False (0x0)
1364	DP SID Status Update	False (0x0)	1364	DP SID Status Update	False (0x0)
1365	Intel VID Status Update	False (0x0)	1365	Intel VID Status Update	False (0x0)
1366	PD3 Status Update	False (0x0)	1366	PD3 Status Update	False (0x0)
1367	TX Mem Buffer Empty	False (0x0)	1367	TX Mem Buffer Empty	False (0x0)
1368	RX Mem Buffer Full	False (0x0)	1368	RX Mem Buffer Full	False (0x0)
1369	Custom VDM Arrive	False (0x0)	1369	Custom VDM Arrive	False (0x0)
1370	Custom AM Entered	False (0x0)	1370	Custom AM Entered	False (0x0)
1371	Custom VDM Message Sent	False (0x0)	1371	Custom VDM Message Sent	False (0x0)
1372	SOC ACK Timeout	False (0x0)	1372	SOC ACK Timeout	False (0x0)
1373	FRS Signal Received	False (0x0)	1373	FRS Signal Received	False (0x0)
1374	Chunk Response Received	False (0x0)	1374	Chunk Response Received	False (0x0)
1375	Chunk Request Received	False (0x0)	1375	Chunk Request Received	False (0x0)
1376	Alert Message Received	False (0x0)	1376	Alert Message Received	False (0x0)
1377	Common Interrupt Mask for I2C1		1377	Common Interrupt Mask for I2C1	
1378	Patch Loaded True (0x1)		1378	Patch Loaded True (0x1)	
1379	Ready for Patch False (0x0)		1379	Ready for Patch False (0x0)	
1380			1380		
1381	Status (0x1a) - (0x200006f)				
1382	Status		1382	Status	
1383	Plug Present	Plug present, see Conn State (below) for details. (0x1)	1383	Plug Present	Plug present, see Conn State (below) for details. (0x1)
1384	Conn State	Connection present, Ra detected (Rd and Ra detected) or Rp detected with j	1384	Conn State	Connection present, Ra detected (Rd and Ra detected) or Rp detected with j
1385	Plug Orientation	Upside-up orientation (plug CC on C_CC1) or orientation unknown or port i	1385	Plug Orientation	Upside-up orientation (plug CC on C_CC1) or orientation unknown or port i
1386	Port Role	PD Controller is Source (C_CCx pull-up active). (0x1)	1386	Port Role	PD Controller is Source (C_CCx pull-up active). (0x1)
1387	Data Role	PD Controller is DFP. (0x1)	1387	Data Role	PD Controller is DFP. (0x1)
1388	VBUS Status	VBUS is at vSafe0V (less than 0.8V) (0x0)	1388	VBUS Status	VBUS is at other PD-negotiated power level and within expected limits. Se
1389	USB Host Present	No far-end device present providing VBUS or PD Controller power role is S	1389	USB Host Present	No far-end device present providing VBUS or PD Controller power role is S
1390	Acting as Legacy	PD Controller is acting like a legacy source. It will not respond to USB	1390	Acting as Legacy	PD Controller is not in a legacy (non PD mode). (0x0)
1391	Go To Min Active	No PD contract established or GotoMin restriction has been cleared by Sou	1391	Go To Min Active	No PD contract established or GotoMin restriction has been cleared by Sou
1392	BIST	No BIST in progress (0x0)	1392	BIST	No BIST in progress (0x0)
1393	High Voltage Warning	PD Controller operating as Sink or VBUS voltage is below limit specified	1393	High Voltage Warning	PD Controller operating as Sink or VBUS voltage is below limit specified
1394	Low Voltage Warning	PD Controller operating as Sink or VBUS voltage is above limit specified	1394	Low Voltage Warning	PD Controller operating as Sink or VBUS voltage is above limit specified
1395	SOC ACK Timeout Occurred	Unknown (0x0) (0x0)	1395	SOC ACK Timeout Occurred	Unknown (0x0) (0x0)
1396	Alternative Mode Status	No Alternate Modes attempted. (0x0)	1396	Alternative Mode Status	No Alternate Modes attempted. (0x0)
1397			1397		
1398	Power Path Status (0x26) - (0x400300000b)				
1399	Power Path Status		1399	Power Path Status	
1400	PP1_Cableswitch	PP1_CABLE switch CC2 enabled (system output). (0x3)	1400	PP1_Cableswitch	PP1_CABLE switch CC2 enabled (system output). (0x3)
1401	PP2_Cableswitch	PP2_CABLE switch CC1 enabled (system output). (0x2)	1401	PP2_Cableswitch	PP2_CABLE switch CC1 enabled (system output). (0x2)
1402	PP1switch	PP1 switch disabled. (0x0)	1402	PP1switch	PP1 switch enabled (system output). (0x2)
1403	PP2switch	PP2 switch disabled. (0x0)	1403	PP2switch	PP2 switch enabled (system output). (0x2)
1404	PP3switch	PP3 switch disabled. (0x0)	1404	PP3switch	PP3 switch disabled. (0x0)
1405	PP4switch	PP4 switch disabled. (0x0)	1405	PP4switch	PP4 switch disabled. (0x0)
1406	PP1_CABLE Enable	PP1_CABLE power enabled (0x1)	1406	PP1_CABLE Enable	PP1_CABLE power enabled (0x1)
1407	PP2_CABLE Enable	PP2_CABLE power enabled (0x1)	1407	PP2_CABLE Enable	PP2_CABLE power enabled (0x1)
1408	PP1 Overcurrent	No overcurrent condition exists on PP1 switch (0x0)	1408	PP1 Overcurrent	No overcurrent condition exists on PP1 switch (0x0)
1409	PP2 Overcurrent	No overcurrent condition exists on PP2 switch (0x0)	1409	PP2 Overcurrent	No overcurrent condition exists on PP2 switch (0x0)
1410	PP1_CABLE Overcurrent	No overcurrent condition exists on PP1_CABLE switch (0x0)	1410	PP1_CABLE Overcurrent	No overcurrent condition exists on PP1_CABLE switch (0x0)
1411	PP2_CABLE Overcurrent	No overcurrent condition exists on PP2_CABLE switch (0x0)	1411	PP2_CABLE Overcurrent	No overcurrent condition exists on PP2_CABLE switch (0x0)
1412	PowerSource	PD Controller is powered from VIN_3P3. (0x1)	1412	PowerSource	PD Controller is powered from VIN_3P3. (0x1)
1413	PP1_RCP	0x0 (0x0)	1413	PP1_RCP	0x0 (0x0)
1414	PP2_RCP	0x0 (0x0)	1414	PP2_RCP	0x0 (0x0)
1415			1415		
1416	Boot Flags (0x2d) - (0x30000006a200000000)				
1417	Boot Flags		1417	Boot Flags	
1418	Patch Header Error	False (0x0)	1418	Patch Header Error	False (0x0)
1419	Dead Battery Flag	False (0x0)	1419	Dead Battery Flag	False (0x0)
1420	SPI Flash Present	False (0x0)	1420	SPI Flash Present	False (0x0)
1421	Region 0	False (0x0)	1421	Region 0	False (0x0)
1422	Region 1	False (0x0)	1422	Region 1	False (0x0)
1423	Region 0 Invalid	False (0x0)	1423	Region 0 Invalid	False (0x0)
1424	Region 1 Invalid	False (0x0)	1424	Region 1 Invalid	False (0x0)
1425	Region 0 Flash Error	False (0x0)	1425	Region 0 Flash Error	False (0x0)
1426	Region 1 Flash Error	False (0x0)	1426	Region 1 Flash Error	False (0x0)
1427	Patch Download Error	False (0x0)	1427	Patch Download Error	False (0x0)
1428	Region 0 CRC Fail	False (0x0)	1428	Region 0 CRC Fail	False (0x0)

1429	Region 1 CRC Fail	False (0x0)	1429	Region 1 CRC Fail	False (0x0)
1430	Customer OTP Invalid	False (0x0)	1430	Customer OTP Invalid	False (0x0)
1431	PP1 Switch	False (0x0)	1431	PP1 Switch	False (0x0)
1432	PP2 Switch	False (0x0)	1432	PP2 Switch	False (0x0)
1433	PP3 Switch	False (0x0)	1433	PP3 Switch	False (0x0)
1434	PP4 Switch	False (0x0)	1434	PP4 Switch	False (0x0)
1435	Customer OTP Valid	Unknown (0x2) (0x2)	1435	Customer OTP Valid	Unknown (0x2) (0x2)
1436	OTP Customer Dead Battery	Bus Power From ADCIN (0x0)	1436	OTP Customer Dead Battery	Bus Power From ADCIN (0x0)
1437	OTP I2C Address [6:5] for I2C2	0x2 (0x2)	1437	OTP I2C Address [6:5] for I2C2	0x2 (0x2)
1438	OTP Customer TBT Present	False (0x0)	1438	OTP Customer TBT Present	False (0x0)
1439	OTP Customer I2C Threshold	True (0x1)	1439	OTP Customer I2C Threshold	True (0x1)
1440	OTP Customer TBT Controller Type	0x2 (0x2)	1440	OTP Customer TBT Controller Type	0x2 (0x2)
1441	OTP Customer Disable PD	True (0x1)	1441	OTP Customer Disable PD	True (0x1)
1442	Revision ID Metal	0x0 (0x0)	1442	Revision ID Metal	0x0 (0x0)
1443	Revision ID Base	TPS65988 (0x4)	1443	Revision ID Base	TPS65988 (0x4)
1444			1444		
1445	Build Identifier (0x2e) - (0x38313032323131305f65363464626661346134303835363336162663533616337346636663831)		1445	Build Identifier (0x2e) - (0x38313032323131305f65363464626661346134303835363336162663533616337346636663831)	
1446	Build Identifier		1446	Build Identifier	
1447	Build Identifier 0x38313032323131305f65363464626661346134303835363336162663533616337346636663838323		1447	Build Identifier 0x38313032323131305f65363464626661346134303835363336162663533616337346636663838323	
1448			1448		
1449	Device Info (0x2f) - (0xf70710003245434100000000000316563415a2030302e30312e373037465746203033303057482038)		1449	Device Info (0x2f) - (0xf70710003245434100000000000316563415a2030302e30312e373037465746203033303057482038)	
1450	Device Info		1450	Device Info	
1451	Device Info TPS65988 HW0030 FWF707.10.00 ZAce1(00)(00)(00)(00)(00)ACE2(00)(10)(07)+ (0xf707100032454341000		1451	Device Info TPS65988 HW0030 FWF707.10.00 ZAce1(00)(00)(00)(00)(00)ACE2(00)(10)(07)+ (0xf707100032454341000	
1452			1452		
1453	Received Source Capabilities (0x30) - (0x1900000)		1453	Received Source Capabilities (0x30) - (0x1900000)	
1454	Received Source Capabilities		1454	Received Source Capabilities	
1455	Number of Source PDOs 0 (0x0)		1455	Number of Source PDOs 0 (0x0)	
1456			1456		
1457	Received Sink Capabilities (0x31) - (0x1900000)		1457	Received Sink Capabilities (0x31) - (0x1900000)	
1458	Received Sink Capabilities		1458	Received Sink Capabilities	
1459	Number of Sink PDOs 0 (0x0)		1459	Number of Sink PDOs 0 (0x0)	
1460			1460		
1461	Active Contract PDO (0x34) - (0x0)		1461	Active Contract PDO (0x34) - (0x2d12c)	
1462	Active Contract PDO		1462	Active Contract PDO	
1463	Maximum Current 0 A (0x0)		1463	Maximum Current 3 A (0x12c)	
1464	Voltage 0 V (0x0)		1464	Voltage 9 V (0xb4)	
1465	Peak Current 100% (0x0)		1465	Peak Current 100% (0x0)	
1466	reserved reserved, set 0 (0x0)		1466	reserved reserved, set 0 (0x0)	
1467	Supply Type Fixed Source (0x0)		1467	Supply Type Fixed Source (0x0)	
1468			1468		
1469	Active Contract RDO (0x35) - (0x0)		1469	Active Contract RDO (0x35) - (0x2304b12c)	
1470	Active Contract RDO		1470	Active Contract RDO	
1471	Max/Min Operating Current 0 A (0x0)		1471	Max/Min Operating Current 3 A (0x12c)	
1472	Operating Current 0 A (0x0)		1472	Operating Current 3 A (0x12c)	
1473	No USB Suspend False (0x0)		1473	No USB Suspend True (0x1)	
1474	USB Communication Capable False (0x0)		1474	USB Communication Capable True (0x1)	
1475	Capability Mismatch False (0x0)		1475	Capability Mismatch False (0x0)	
1476	Giveback Flag False (0x0)		1476	Giveback Flag False (0x0)	
1477	Object Position 0 (0x0)		1477	Object Position 2 (0x2)	
1478			1478		
1479	Sink Request RDO (0x36) - (0x0)		1479	Sink Request RDO (0x36) - (0x2304b12c)	
1480	Sink Request RDO		1480	Sink Request RDO	
1481	Max/Min Operating Current 0 A (0x0)		1481	Max/Min Operating Current 3 A (0x12c)	
1482	Operating Current 0 A (0x0)		1482	Operating Current 3 A (0x12c)	
1483	No USB Suspend False (0x0)		1483	No USB Suspend True (0x1)	
1484	USB Communication Capable False (0x0)		1484	USB Communication Capable True (0x1)	
1485	Capability Mismatch False (0x0)		1485	Capability Mismatch False (0x0)	
1486	Giveback Flag False (0x0)		1486	Giveback Flag False (0x0)	
1487	Object Position 0 (0x0)		1487	Object Position 2 (0x2)	
1488			1488		
1489	Power Status (0x3f) - (0x109)		1489	Power Status (0x3f) - (0x10d)	
1490	Power Status		1490	Power Status	
1491	Power Connection Connection Present (0x1)		1491	Power Connection Connection Present (0x1)	
1492	Source or Sink Source (0x0)		1492	Source or Sink Source (0x0)	
1493	Type-C Current 3A Current (0x2)		1493	Type-C Current PD Contract Negotiated (0x3)	
1494	Charger Detect Status Disabled or Not Run (0x0)		1494	Charger Detect Status Disabled or Not Run (0x0)	
1495	Charger Advertise Status In Progress (0x1)		1495	Charger Advertise Status In Progress (0x1)	
1496			1496		

1497	PD Status (0x40) - (0x20)				1497	PD Status (0x40) - (0x61)			
1498	PD Status				1498	PD Status			
1499	Plug Details		USB Type-C full-featured plug (0x0)		1499	Plug Details		USB 2.0 Type-C plug (0x1)	
1500	CC Pull-up Not in CC pull-down mode / no CC pull-up detected. (0x0)				1500	CC Pull-up Not in CC pull-down mode / no CC pull-up detected. (0x0)			
1501	Port Type		Source (0x2)		1501	Port Type		Source (0x2)	
1502	Present Role		Sink (0x0)		1502	Present Role		Source (0x1)	
1503	Soft Reset Details		Reset value, no soft reset (0x0)		1503	Soft Reset Details		Reset value, no soft reset (0x0)	
1504	Hard Reset Details		Reset value, no hard reset. (0x0)		1504	Hard Reset Details		Reset value, no hard reset. (0x0)	
1505					1505				
1506	PD3.0 Status (0x41) - (0x0)				1506	PD3.0 Status (0x41) - (0x50800001)			
1507	PD3.0 Status				1507	PD3.0 Status			
1508	PD3.0 Status				1508	PD3.0 Status			
1509	Received Message not supported		0 (0x0)		1509	Received Message not supported		1 (0x1)	
1510	Source Capabilities Received Message		0 (0x0)		1510	Source Capabilities Received Message		0 (0x0)	
1511	Security Response Received Message		0 (0x0)		1511	Security Response Received Message		0 (0x0)	
1512	Get Source Capabilities Received Message		0 (0x0)		1512	Get Source Capabilities Received Message		0 (0x0)	
1513	Security Request Message received		0 (0x0)		1513	Security Request Message received		0 (0x0)	
1514	Port Partner Negotiation SVDM received		PD Specification revision 1 (0x0)		1514	Port Partner Negotiation SVDM received		PD Specification revision 1 (0x0)	
1515	Plug Partner Negotiation SVDM received		PD Specification revision 1 (0x0)		1515	Plug Partner Negotiation SVDM received		PD Specification revision 1 (0x0)	
1516	Port Partner Negotiation received		PD Specification revision 1 (0x0)		1516	Port Partner Negotiation received		PD Specification revision 1 (0x0)	
1517	Plug Partner Negotiation received		PD Specification revision 1 (0x0)		1517	Plug Partner Negotiation received		PD Specification revision 1 (0x0)	
1518	Unchunked messages		0 (0x0)		1518	Unchunked messages		0 (0x0)	
1519					1519				
1520	RX Identity SOP (0x48) - (0x0)				1520	RX Identity SOP (0x48) - (0x80)			
1521	RX Identity SOP				1521	RX Identity SOP			
1522	VDO configuration				1522	VDO configuration			
1523	Number of valid VDOs		0 (0x0)		1523	Number of valid VDOs		0 (0x0)	
1524	SOP Message Source		SOP Discover Identity request not sent or pending. (0x0)		1524	SOP Message Source		Responder NAK received or response timeout. (0x2)	
1525	Received VDO				1525	Received VDO			
1526	IDO Header				1526	IDO Header			
1527	USB Vendor ID		0x0 (0x0)		1527	USB Vendor ID		0x0 (0x0)	
1528	Connector Type		Reserved Legacy (0x0)		1528	Connector Type		Reserved Legacy (0x0)	
1529	Product Type (DFP)		Undefined (0x0)		1529	Product Type (DFP)		Undefined (0x0)	
1530	Modal Operation Supported		False (0x0)		1530	Modal Operation Supported		False (0x0)	
1531	Product Type (UFP)		Undefined (0x0)		1531	Product Type (UFP)		Undefined (0x0)	
1532	Data Capable as USB Device		False (0x0)		1532	Data Capable as USB Device		False (0x0)	
1533	Data Capable as USB Host		False (0x0)		1533	Data Capable as USB Host		False (0x0)	
1534	Product Vendor Defined Object				1534	Product Vendor Defined Object			
1535	BCD Device		0x0 (0x0)		1535	BCD Device		0x0 (0x0)	
1536	USB Product ID		0x0 (0x0)		1536	USB Product ID		0x0 (0x0)	
1537	Alternate Mode Adapter VDO				1537	Alternate Mode Adapter VDO			
1538	USB SS Signalling		USB 2.0 Only (0x0)		1538	USB SS Signalling		USB 2.0 Only (0x0)	
1539	VBus Required		False (0x0)		1539	VBus Required		False (0x0)	
1540	VConn Required		False (0x0)		1540	VConn Required		False (0x0)	
1541	VConn Power		1 W (0x0)		1541	VConn Power		1 W (0x0)	
1542	SSRx 2 Directionality		Fixed (0x0)		1542	SSRx 2 Directionality		Fixed (0x0)	
1543	SSRx 1 Directionality		Fixed (0x0)		1543	SSRx 1 Directionality		Fixed (0x0)	
1544	SSTx 2 Directionality		Fixed (0x0)		1544	SSTx 2 Directionality		Fixed (0x0)	
1545	SSTx 1 Directionality		Fixed (0x0)		1545	SSTx 1 Directionality		Fixed (0x0)	
1546	AMA Firmware Version		0x0 (0x0)		1546	AMA Firmware Version		0x0 (0x0)	
1547	AMA Hardware Version		0x0 (0x0)		1547	AMA Hardware Version		0x0 (0x0)	
1548	Certification Test ID		0x0 (0x0)		1548	Certification Test ID		0x0 (0x0)	
1549	UFP IDO VDO #5		0x0 (0x0)		1549	UFP IDO VDO #5		0x0 (0x0)	
1550	UFP IDO VDO #6		0x0 (0x0)		1550	UFP IDO VDO #6		0x0 (0x0)	
1551					1551				
1552	Received SOP Prime Identity Data Object (0x49) - (0x0)				1552	Received SOP Prime Identity Data Object (0x49) - (0x8204000000000000000000001800000044)			
1553	Received SOP Prime Identity Data Object				1553	Received SOP Prime Identity Data Object			
1554	Record Counts				1554	Record Counts			
1555	Number of Received Identity Objects		0 (0x0)		1555	Number of Received Identity Objects		4 (0x4)	
1556	Received SOP Prime Discover Identity Response				1556	Received SOP Prime Discover Identity Response			
1557	SOP Prime IDO Header				1557	SOP Prime IDO Header			
1558	USB Vendor ID		0x0 (0x0)		1558	USB Vendor ID		0x0 (0x0)	
1559	Connector Type		Reserved Legacy (0x0)		1559	Connector Type		Reserved Legacy (0x0)	
1560	Product Type (DFP)		Undefined (0x0)		1560	Product Type (DFP)		Undefined (0x0)	
1561	Modal Operation Supported		False (0x0)		1561	Modal Operation Supported		False (0x0)	
1562	Product Type (UFP)		Undefined (0x0)		1562	Product Type (UFP)		Undefined (0x0)	
1563	Data Capable as USB Device		False (0x0)		1563	Data Capable as USB Device		False (0x0)	
1564	Data Capable as USB Host		False (0x0)		1564	Data Capable as USB Host		False (0x0)	


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1630 User VID Status
1631   User VID Status
1632     User VID Detected      False (0x0)
1633     User VID Active        False (0x0)
1634     User VID Error Code     0x0 (0x0)
1635     User VID Mode 1 Status  False (0x0)
1636     User VID Mode 2 Status  False (0x0)
1637     User VID Mode 3 Status  False (0x0)
1638     User VID Mode 4 Status  False (0x0)
1639
1640DP SID Status (0x58) - (0x0)
1641  DP SID Status
1642    DP Status TX
1643      Connection Status      Neither DFP_D or UFP_D connected (0x0)
1644      Power Low              Adapter is functioning normally or disabled (0x0)
1645      Enabled                DP functionality is Disabled (0x0)
1646      Multi-function Preferred No Preference for Multi-function (0x0)
1647      USB Configuration Request Maintain current configuration (0x0)
1648      Exit DisplayPort Mode Request Maintain current mode (0x0)
1649      HPD State              HPD_Low (0x0)
1650      IRQ HPD                No IRQ_HPD since last status (0x0)
1651      reserved               reserved (0x0)
1652  DP Status RX
1653    Connection Status      Neither DFP_D or UFP_D connected (0x0)
1654    Power Low              Adapter is functioning normally or disabled (0x0)
1655    Enabled                DP functionality is Disabled (0x0)
1656    Multi-function Preferred No Preference for Multi-function (0x0)
1657    USB Configuration Request Maintain current configuration (0x0)
1658    Exit DisplayPort Mode Request Maintain current mode (0x0)
1659    HPD State              HPD_Low (0x0)
1660    IRQ HPD                No IRQ_HPD since last status (0x0)
1661    reserved               reserved (0x0)
1662  DP Configure
1663    Select Configuration      Set configuration for USB (0x0)
1664    Supports DP v1.3 signalling False (0x0)
1665    Supports USB Gen 2 signalling False (0x0)
1666    DFPD Receptacle or UFPD Plug Pin Assignment (none) (0x0)
1667    UFPD Receptacle or DFPD Plug Pin Assignment (none) (0x0)
1668    reserved                 reserved (0x0)
1669  DP Mode Data
1670    Port Capability          Reserved (0x0)
1671    Supports DP v1.3 signalling False (0x0)
1672    Supports USB Gen 2 signalling False (0x0)
1673    DFPD Receptacle or UFPD Plug Pin Assignment (none) (0x0)
1674    UFPD Receptacle or DFPD Plug Pin Assignment (none) (0x0)
1675    reserved                 reserved (0x0)
1676  DP Status To Plug
1677    Connection Status      Neither DFP_D or UFP_D connected (0x0)
1678    Power Low              Adapter is functioning normally or disabled (0x0)
1679    Enabled                DP functionality is Disabled (0x0)
1680    Multi-function Preferred No Preference for Multi-function (0x0)
1681    USB Configuration Request Maintain current configuration (0x0)
1682    Exit DisplayPort Mode Request Maintain current mode (0x0)
1683    HPD State              HPD_Low (0x0)
1684    IRQ HPD                No IRQ_HPD since last status (0x0)
1685    reserved               reserved (0x0)
1686  DP Status ACK From Plug
1687    Connection Status      Neither DFP_D or UFP_D connected (0x0)
1688    Power Low              Adapter is functioning normally or disabled (0x0)
1689    Enabled                DP functionality is Disabled (0x0)
1690    Multi-function Preferred No Preference for Multi-function (0x0)
1691    USB Configuration Request Maintain current configuration (0x0)
1692    Exit DisplayPort Mode Request Maintain current mode (0x0)
1693    HPD State              HPD_Low (0x0)
1694    IRQ HPD                No IRQ_HPD since last status (0x0)
1695    reserved               reserved (0x0)
1696  DP Configure to Plug
1697    Select Configuration      Set configuration for USB (0x0)
```

```
1633 User VID Status
1634   User VID Status
1635     User VID Detected      False (0x0)
1636     User VID Active        False (0x0)
1637     User VID Error Code     0x0 (0x0)
1638     User VID Mode 1 Status  False (0x0)
1639     User VID Mode 2 Status  False (0x0)
1640     User VID Mode 3 Status  False (0x0)
1641     User VID Mode 4 Status  False (0x0)
1642
1643DP SID Status (0x58) - (0x0)
1644  DP SID Status
1645    DP Status TX
1646      Connection Status      Neither DFP_D or UFP_D connected (0x0)
1647      Power Low              Adapter is functioning normally or disabled (0x0)
1648      Enabled                DP functionality is Disabled (0x0)
1649      Multi-function Preferred No Preference for Multi-function (0x0)
1650      USB Configuration Request Maintain current configuration (0x0)
1651      Exit DisplayPort Mode Request Maintain current mode (0x0)
1652      HPD State              HPD_Low (0x0)
1653      IRQ HPD                No IRQ_HPD since last status (0x0)
1654      reserved               reserved (0x0)
1655  DP Status RX
1656    Connection Status      Neither DFP_D or UFP_D connected (0x0)
1657    Power Low              Adapter is functioning normally or disabled (0x0)
1658    Enabled                DP functionality is Disabled (0x0)
1659    Multi-function Preferred No Preference for Multi-function (0x0)
1660    USB Configuration Request Maintain current configuration (0x0)
1661    Exit DisplayPort Mode Request Maintain current mode (0x0)
1662    HPD State              HPD_Low (0x0)
1663    IRQ HPD                No IRQ_HPD since last status (0x0)
1664    reserved               reserved (0x0)
1665  DP Configure
1666    Select Configuration      Set configuration for USB (0x0)
1667    Supports DP v1.3 signalling False (0x0)
1668    Supports USB Gen 2 signalling False (0x0)
1669    DFPD Receptacle or UFPD Plug Pin Assignment (none) (0x0)
1670    UFPD Receptacle or DFPD Plug Pin Assignment (none) (0x0)
1671    reserved                 reserved (0x0)
1672  DP Mode Data
1673    Port Capability          Reserved (0x0)
1674    Supports DP v1.3 signalling False (0x0)
1675    Supports USB Gen 2 signalling False (0x0)
1676    DFPD Receptacle or UFPD Plug Pin Assignment (none) (0x0)
1677    UFPD Receptacle or DFPD Plug Pin Assignment (none) (0x0)
1678    reserved                 reserved (0x0)
1679  DP Status To Plug
1680    Connection Status      Neither DFP_D or UFP_D connected (0x0)
1681    Power Low              Adapter is functioning normally or disabled (0x0)
1682    Enabled                DP functionality is Disabled (0x0)
1683    Multi-function Preferred No Preference for Multi-function (0x0)
1684    USB Configuration Request Maintain current configuration (0x0)
1685    Exit DisplayPort Mode Request Maintain current mode (0x0)
1686    HPD State              HPD_Low (0x0)
1687    IRQ HPD                No IRQ_HPD since last status (0x0)
1688    reserved               reserved (0x0)
1689  DP Status ACK From Plug
1690    Connection Status      Neither DFP_D or UFP_D connected (0x0)
1691    Power Low              Adapter is functioning normally or disabled (0x0)
1692    Enabled                DP functionality is Disabled (0x0)
1693    Multi-function Preferred No Preference for Multi-function (0x0)
1694    USB Configuration Request Maintain current configuration (0x0)
1695    Exit DisplayPort Mode Request Maintain current mode (0x0)
1696    HPD State              HPD_Low (0x0)
1697    IRQ HPD                No IRQ_HPD since last status (0x0)
1698    reserved               reserved (0x0)
1699  DP Configure to Plug
1700    Select Configuration      Set configuration for USB (0x0)
```

LockedUp_TPS65988_FULL_Snapshot.bin - JustStartedWorking_TPS65988_FULL_Snapshot.bin							
1698	Supports DP v1.3 signalling	False (0x0)		1701	Supports DP v1.3 signalling	False (0x0)	
1699	Supports USB Gen 2 signalling	False (0x0)		1702	Supports USB Gen 2 signalling	False (0x0)	
1700	DFPD Receptacle or UFPD Plug Pin Assignment	(none) (0x0)		1703	DFPD Receptacle or UFPD Plug Pin Assignment	(none) (0x0)	
1701	UFPD Receptacle or DFPD Plug Pin Assignment	(none) (0x0)		1704	UFPD Receptacle or DFPD Plug Pin Assignment	(none) (0x0)	
1702	reserved	reserved (0x0)		1705	reserved	reserved (0x0)	
1703	DP Configure ACK From Plug			1706	DP Configure ACK From Plug		
1704	Select Configuration	Set configuration for USB (0x0)		1707	Select Configuration	Set configuration for USB (0x0)	
1705	Supports DP v1.3 signalling	False (0x0)		1708	Supports DP v1.3 signalling	False (0x0)	
1706	Supports USB Gen 2 signalling	False (0x0)		1709	Supports USB Gen 2 signalling	False (0x0)	
1707	DFPD Receptacle or UFPD Plug Pin Assignment	(none) (0x0)		1710	DFPD Receptacle or UFPD Plug Pin Assignment	(none) (0x0)	
1708	UFPD Receptacle or DFPD Plug Pin Assignment	(none) (0x0)		1711	UFPD Receptacle or DFPD Plug Pin Assignment	(none) (0x0)	
1709	reserved	reserved (0x0)		1712	reserved	reserved (0x0)	
1710	DP Mode Data, SOP Prime			1713	DP Mode Data, SOP Prime		
1711	Port Capability	Reserved (0x0)		1714	Port Capability	Reserved (0x0)	
1712	Supports DP v1.3 signalling	False (0x0)		1715	Supports DP v1.3 signalling	False (0x0)	
1713	Supports USB Gen 2 signalling	False (0x0)		1716	Supports USB Gen 2 signalling	False (0x0)	
1714	DFPD Receptacle or UFPD Plug Pin Assignment	(none) (0x0)		1717	DFPD Receptacle or UFPD Plug Pin Assignment	(none) (0x0)	
1715	UFPD Receptacle or DFPD Plug Pin Assignment	(none) (0x0)		1718	UFPD Receptacle or DFPD Plug Pin Assignment	(none) (0x0)	
1716	reserved	reserved (0x0)		1719	reserved	reserved (0x0)	
1717	DP SID Detected	DP SID not detected (0x0)		1720	DP SID Detected	DP SID not detected (0x0)	
1718	DP Mode Active	0x0 (0x0)		1721	DP Mode Active	0x0 (0x0)	
1719	Error Code	0x0 (0x0)		1722	Error Code	0x0 (0x0)	
1720				1723			
1721	TI VID Status Register (0x5b) - (0x0)			1724	TI VID Status Register (0x5b) - (0x0)		
1722	TI Mode Status			1725	TI Mode Status		
1723	Texas Instruments VID Status			1726	Texas Instruments VID Status		
1724	TI VID Status	False (0x0)		1727	TI VID Status	False (0x0)	
1725	TI PDIO Status	False (0x0)		1728	TI PDIO Status	False (0x0)	
1726	TI VID Error Code	0x0 (0x0)		1729	TI VID Error Code	0x0 (0x0)	
1727				1730			
1728	RX User VID Attention VDM Register (0x60) - (0x0)			1731	RX User VID Attention VDM Register (0x60) - (0x0)		
1729	RX User VID Attention VDM Register			1732	RX User VID Attention VDM Register		
1730	RX Attention Status			1733	RX Attention Status		
1731	Number of Valid VDOs	0 (0x0)		1734	Number of Valid VDOs	0 (0x0)	
1732	Number of Register Updates	0 (0x0)		1735	Number of Register Updates	0 (0x0)	
1733	Data Objects Received			1736	Data Objects Received		
1734	Data Object 1			1737	Data Object 1		
1735	Payload	0x0 (0x0)		1738	Payload	0x0 (0x0)	
1736	Type	Unstructured (0x0)		1739	Type	Unstructured (0x0)	
1737	SVID	0x0 (0x0)		1740	SVID	0x0 (0x0)	
1738	Data Object 2			1741	Data Object 2		
1739	Data Object 2	0x0 (0x0)		1742	Data Object 2	0x0 (0x0)	
1740	Data Object 3			1743	Data Object 3		
1741	Data Object 3	0x0 (0x0)		1744	Data Object 3	0x0 (0x0)	
1742	Data Object 4			1745	Data Object 4		
1743	Data Object 4	0x0 (0x0)		1746	Data Object 4	0x0 (0x0)	
1744	Data Object 5			1747	Data Object 5		
1745	Data Object 5	0x0 (0x0)		1748	Data Object 5	0x0 (0x0)	
1746	Data Object 6			1749	Data Object 6		
1747	Data Object 6	0x0 (0x0)		1750	Data Object 6	0x0 (0x0)	
1748	Data Object 7			1751	Data Object 7		
1749	Data Object 7	0x0 (0x0)		1752	Data Object 7	0x0 (0x0)	
1750				1753			
1751	RX User VID Other VDM Register (0x61) - (0x0)			1754	RX User VID Other VDM Register (0x61) - (0x0)		
1752	RX User VID Other VDM Register			1755	RX User VID Other VDM Register		
1753	RX VDM Status			1756	RX VDM Status		
1754	Number of Valid VDOs	0 (0x0)		1757	Number of Valid VDOs	0 (0x0)	
1755	Number of Register Updates	0 (0x0)		1758	Number of Register Updates	0 (0x0)	
1756	Data Objects Received			1759	Data Objects Received		
1757	Data Object 1			1760	Data Object 1		
1758	Payload	0x0 (0x0)		1761	Payload	0x0 (0x0)	
1759	Type	Unstructured (0x0)		1762	Type	Unstructured (0x0)	
1760	SVID	0x0 (0x0)		1763	SVID	0x0 (0x0)	
1761	Data Object 2			1764	Data Object 2		
1762	Data Object 2	0x0 (0x0)		1765	Data Object 2	0x0 (0x0)	
1763	Data Object 3			1766	Data Object 3		
1764	Data Object 3	0x0 (0x0)		1767	Data Object 3	0x0 (0x0)	
1765	Data Object 4			1768	Data Object 4		

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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
1774Type C State Register (0x69) - (0x60010201)
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      Ra detected (Source only) (0x1)
1779      Type C Port State  Attached SRC (0x60)
1780
1781ADC 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
1790HW 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
1808Received 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
1814GPIO Status Register (0x72) - (0xf0e700000046)
1815  GPIO Status Register
1816      GPIO0 Data      0x0 (0x0)
1817      GPIO1 Data      0x1 (0x1)
1818      GPIO2 Data      0x1 (0x1)
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)
```

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1769      Data Object 4      0x0 (0x0)
1770      Data Object 5
1771      Data Object 5      0x0 (0x0)
1772      Data Object 6
1773      Data Object 6      0x0 (0x0)
1774      Data Object 7
1775      Data Object 7      0x0 (0x0)
1776
1777Type C State Register (0x69) - (0x60010201)
1778  Type C State Register
1779      CC Pin For PD      C_CC1 is CC pin (0x1)
1780      CC1 Pin State      Rd detected (Source only) (0x2)
1781      CC2 Pin State      Ra detected (Source only) (0x1)
1782      Type C Port State  Attached SRC (0x60)
1783
1784ADC results Register (0x6a) - (0x0)
1785  ADC results
1786      ADC conversion results
1787          Single ADC conversion      0 (0x0)
1788          Channel 1 ADC conversion    0 (0x0)
1789          Channel 2 ADC conversion    0 (0x0)
1790          Channel 3 ADC conversion    0 (0x0)
1791          Channel 4 ADC conversion    0 (0x0)
1792
1793HW control Register (0x6b) - (0x0)
1794  HW control
1795      PWM enable
1796          Enable of PWM1      False (0x0)
1797          PWM1 clock source    100 kHz (0x0)
1798          PWM1 clock period    0 (0x0)
1799          PWM1 pulse width     0 (0x0)
1800      PWM 2
1801          Enable of PWM2      False (0x0)
1802          PWM2 clock source    100 kHz (0x0)
1803          PWM2 clock period    0 (0x0)
1804          PWM2 pulse width     0 (0x0)
1805      RCP mode
1806          PP1 Src RCP mode enable    Comparator Mode (0x0)
1807          PP1 Snk RCP mode enable    Ideal Diode Mode (0x0)
1808          PP2 Src RCP mode enable    Comparator Mode (0x0)
1809          PP2 Snk RCP mode enable    Ideal Diode Mode (0x0)
1810
1811Received Manufacturer Info Data Block SOP (0x71) - (0x0)
1812  Received Manufacturer Info Data Block SOP
1813      VID      0x0 (0x0)
1814      PID      0x0 (0x0)
1815      ManufacturerString  0x0 (0x0)
1816
1817GPIO Status Register (0x72) - (0xf0e700009046)
1818  GPIO Status Register
1819      GPIO0 Data      0x0 (0x0)
1820      GPIO1 Data      0x1 (0x1)
1821      GPIO2 Data      0x1 (0x1)
1822      GPIO3 Data      0x0 (0x0)
1823      GPIO4 Data      0x0 (0x0)
1824      GPIO5 Data      0x0 (0x0)
1825      GPIO6 Data      0x1 (0x1)
1826      GPIO7 Data      0x0 (0x0)
1827      GPIO8 Data      0x0 (0x0)
1828      GPIO9 Data      0x0 (0x0)
1829      GPIO10 Data     0x0 (0x0)
1830      GPIO11 Data     0x0 (0x0)
1831      GPIO12 Data     0x1 (0x1)
1832      GPIO13 Data     0x0 (0x0)
1833      GPIO14 Data     0x0 (0x0)
1834      GPIO15 Data     0x1 (0x1)
1835      GPIO16 Data     0x0 (0x0)
1836      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	

1837	GPIO18 Data	0x0 (0x0)
1838	GPIO19 Data	0x0 (0x0)
1839	GPIO20 Data	0x0 (0x0)
1840	GPIO21 Data	0x0 (0x0)
1841	GPIO0 Direction	0x1 (0x1)
1842	GPIO1 Direction	0x1 (0x1)
1843	GPIO2 Direction	0x1 (0x1)
1844	GPIO3 Direction	0x0 (0x0)
1845	GPIO4 Direction	0x0 (0x0)
1846	GPIO5 Direction	0x1 (0x1)
1847	GPIO6 Direction	0x1 (0x1)
1848	GPIO7 Direction	0x1 (0x1)
1849	GPIO8 Direction	0x0 (0x0)
1850	GPIO9 Direction	0x0 (0x0)
1851	GPIO10 Direction	0x0 (0x0)
1852	GPIO11 Direction	0x0 (0x0)
1853	GPIO12 Direction	0x1 (0x1)
1854	GPIO13 Direction	0x1 (0x1)
1855	GPIO14 Direction	0x1 (0x1)
1856	GPIO15 Direction	0x1 (0x1)
1857	GPIO16 Direction	0x0 (0x0)
1858	GPIO17 Direction	0x0 (0x0)
1859	GPIO18 Direction	0x0 (0x0)
1860	GPIO19 Direction	0x0 (0x0)
1861	GPIO20 Direction	0x0 (0x0)
1862	GPIO21 Direction	0x0 (0x0)
1863		
1864	Received Alert Data Object (ADO) Register (0x74) - (0x0)	
1865	Received Alert Data Object (ADO) Register	
1866	Hot Swap Batteries	0x0 (0x0)
1867	Fixed Batteries	0x0 (0x0)
1868	Alert Type	0x0 (0x0)
1869		
1870	Transmit Alert Data Object (ADO) Register (0x75) - (0x0)	
1871	Transmit Alert Data Object (ADO) Register	
1872	Hot Swap Batteries	0x0 (0x0)
1873	Fixed Batteries	0x0 (0x0)
1874	Alert Type	0x0 (0x0)
1875		
1876	Received Source Capabilities Extended Data Block (SCEDB) Register (0x76) - (0x0)	
1877	Received Source Capabilities Extended Data Block (SCEDB) Register	
1878	VID	0x0 (0x0)
1879	PID	0x0 (0x0)
1880	PXD	0x0 (0x0)
1881	FW Version	0x0 (0x0)
1882	HW Version	0x0 (0x0)
1883	VoltageRegulation	0x0 (0x0)
1884	Holdup Time	0x0 (0x0)
1885	Compliance	0x0 (0x0)
1886	TouchCurrent	0x0 (0x0)
1887	Peak Current 1	0x0 (0x0)
1888	Peak Current 2	0x0 (0x0)
1889	Peak Current 3	0x0 (0x0)
1890	Touch Temperature	0x0 (0x0)
1891	Source Inputs	0x0 (0x0)
1892	Batteries	0x0 (0x0)
1893	Source PD Power	0 W (0x0)
1894		
1895	Received Status Data Block (SDB) Register (0x78) - (0x0)	
1896	Received Status Data Block (SDB) Register	
1897	Internal Temperature	0 (0x0)
1898	Present Input	0x0 (0x0)
1899	Present Battery Input	0x0 (0x0)
1900	Event Flags	0x0 (0x0)
1901	Temperature Status	0x0 (0x0)
1902		
1903	Transmitted Status Data Block (SDB) Register (0x79) - (0x0)	
1904	Transmitted Status Data Block (SDB) Register	

LockedUp_TPS65988_FULL_Snapshot.bin - JustStartedWorking_TPS65988_FULL_Snapshot.bin							
1902	Internal Temperature	0 (0x0)		1905	Internal Temperature	0 (0x0)	
1903	Present Input	0x0 (0x0)		1906	Present Input	0x0 (0x0)	
1904	Present Battery Input	0x0 (0x0)		1907	Present Battery Input	0x0 (0x0)	
1905	Event Flags	0x0 (0x0)		1908	Event Flags	0x0 (0x0)	
1906	Temperature Status	0x0 (0x0)		1909	Temperature Status	0x0 (0x0)	
1907				1910			
1908	Received Battery Status Data Objects (BSDO) Register (0x7a) - (0x0)			1911	Received Battery Status Data Objects (BSDO) Register (0x7a) - (0x0)		
1909	Received Battery Status Data Objects (BSDO) Register			1912	Received Battery Status Data Objects (BSDO) Register		
1910	Battery Info	0 (0x0)		1913	Battery Info	0 (0x0)	
1911	Battery State of Charge (SOC)	0x0 (0x0)		1914	Battery State of Charge (SOC)	0x0 (0x0)	
1912	Latest BSDO Fixed Battery 0	0x0 (0x0)		1915	Latest BSDO Fixed Battery 0	0x0 (0x0)	
1913	Latest BSDO Fixed Battery 1	0x0 (0x0)		1916	Latest BSDO Fixed Battery 1	0x0 (0x0)	
1914	Latest BSDO Fixed Battery 2	0x0 (0x0)		1917	Latest BSDO Fixed Battery 2	0x0 (0x0)	
1915	Latest BSDO Fixed Battery 3	0x0 (0x0)		1918	Latest BSDO Fixed Battery 3	0x0 (0x0)	
1916	Latest BSDO Hot-Swappable Battery 0	0x0 (0x0)		1919	Latest BSDO Hot-Swappable Battery 0	0x0 (0x0)	
1917	Latest BSDO Hot-Swappable Battery 1	0x0 (0x0)		1920	Latest BSDO Hot-Swappable Battery 1	0x0 (0x0)	
1918	Latest BSDO Hot-Swappable Battery 2	0x0 (0x0)		1921	Latest BSDO Hot-Swappable Battery 2	0x0 (0x0)	
1919	Latest BSDO Hot-Swappable Battery 3	0x0 (0x0)		1922	Latest BSDO Hot-Swappable Battery 3	0x0 (0x0)	
1920				1923			
1921	Transmitted Battery Status Data Objects (BSDO) Register (0x7b) - (0x0)			1924	Transmitted Battery Status Data Objects (BSDO) Register (0x7b) - (0x0)		
1922	Transmitted Battery Status Data Objects (BSDO) Register			1925	Transmitted Battery Status Data Objects (BSDO) Register		
1923	Battery Info	0 (0x0)		1926	Battery Info	0 (0x0)	
1924	Battery State of Charge (SOC)	0x0 (0x0)		1927	Battery State of Charge (SOC)	0x0 (0x0)	
1925	Latest BSDO Fixed Battery 0	0x0 (0x0)		1928	Latest BSDO Fixed Battery 0	0x0 (0x0)	
1926	Latest BSDO Fixed Battery 1	0x0 (0x0)		1929	Latest BSDO Fixed Battery 1	0x0 (0x0)	
1927	Latest BSDO Fixed Battery 2	0x0 (0x0)		1930	Latest BSDO Fixed Battery 2	0x0 (0x0)	
1928	Latest BSDO Fixed Battery 3	0x0 (0x0)		1931	Latest BSDO Fixed Battery 3	0x0 (0x0)	
1929	Latest BSDO Hot-Swappable Battery 0	0x0 (0x0)		1932	Latest BSDO Hot-Swappable Battery 0	0x0 (0x0)	
1930	Latest BSDO Hot-Swappable Battery 1	0x0 (0x0)		1933	Latest BSDO Hot-Swappable Battery 1	0x0 (0x0)	
1931	Latest BSDO Hot-Swappable Battery 2	0x0 (0x0)		1934	Latest BSDO Hot-Swappable Battery 2	0x0 (0x0)	
1932	Latest BSDO Hot-Swappable Battery 3	0x0 (0x0)		1935	Latest BSDO Hot-Swappable Battery 3	0x0 (0x0)	
1933				1936			
1934	Received Battery Capability Data Block (BCDB) Register (0x7c) - (0x0)			1937	Received Battery Capability Data Block (BCDB) Register (0x7c) - (0x0)		
1935	Received Battery Capability Data Block (BCDB) Register			1938	Received Battery Capability Data Block (BCDB) Register		
1936	VID	0 (0x0)		1939	VID	0 (0x0)	
1937	PID	0x0 (0x0)		1940	PID	0x0 (0x0)	
1938	Battery Design Capacity	0 (0x0)		1941	Battery Design Capacity	0 (0x0)	
1939	Battery Last Full Charge Capacity	0 (0x0)		1942	Battery Last Full Charge Capacity	0 (0x0)	
1940	Battery Type	0 (0x0)		1943	Battery Type	0 (0x0)	
1941				1944			
1942	Received Manufacturer Info Data Block SOPp (MIDB) Register (0x7e) - (0x0)			1945	Received Manufacturer Info Data Block SOPp (MIDB) Register (0x7e) - (0x0)		
1943	Received Manufacturer Info Data Block SOPp (MIDB) Register			1946	Received Manufacturer Info Data Block SOPp (MIDB) Register		
1944	VID	0 (0x0)		1947	VID	0 (0x0)	
1945	PID	0x0 (0x0)		1948	PID	0x0 (0x0)	
1946	Manufacturer String	0 (0x0)		1949	Manufacturer String	0 (0x0)	
1947	PK[03][04][14][00][00][00][00][00]ES:W δi aŠ[00][00]aŠ[00][00],[00][00][00]Device 1, port 2 Configuration Registers.t			1950	PK[03][04][14][00][00][00][00][00]uR:W δi aŠ[00][00]aŠ[00][00],[00][00][00]Device 1, port 2 Configuration Registers.t		
1948	Customer Use (0x6) - (0x76543210000000022)			1951	Customer Use (0x6) - (0x76543210000000022)		
1949	Customer Use			1952	Customer Use		
1950	Customer Use Word 1	0x22 (0x22)		1953	Customer Use Word 1	0x22 (0x22)	
1951	Customer Use Word 2	0x76543210 (0x76543210)		1954	Customer Use Word 2	0x76543210 (0x76543210)	
1952				1955			
1953	Interrupt Mask for I2C1 (0x16) - (0x30000000000000fb0e008)			1956	Interrupt Mask for I2C1 (0x16) - (0x30000000000000fb0e008)		
1954	Interrupt Mask for I2C1			1957	Interrupt Mask for I2C1		
1955	Port Interrupt Mask for I2C1			1958	Port Interrupt Mask for I2C1		
1956	Soft Reset	False (0x0)		1959	Soft Reset	False (0x0)	
1957	Hard Reset	False (0x0)		1960	Hard Reset	False (0x0)	
1958	Cable Reset Event	False (0x0)		1961	Cable Reset Event	False (0x0)	
1959	Plug Insert or Removal	True (0x1)		1962	Plug Insert or Removal	True (0x1)	
1960	PR Swap Complete	False (0x0)		1963	PR Swap Complete	False (0x0)	
1961	DR Swap Complete	False (0x0)		1964	DR Swap Complete	False (0x0)	
1962	FR Swap Complete	False (0x0)		1965	FR Swap Complete	False (0x0)	
1963	RDO Received from Sink	False (0x0)		1966	RDO Received from Sink	False (0x0)	
1964	Built-In Self Test	False (0x0)		1967	Built-In Self Test	False (0x0)	
1965	Overcurrent Event	False (0x0)		1968	Overcurrent Event	False (0x0)	
1966	Attention Received	False (0x0)		1969	Attention Received	False (0x0)	
1967	Vendor-Defined Message Received	False (0x0)		1970	Vendor-Defined Message Received	False (0x0)	
1968	New Contract as Consumer	False (0x0)		1971	New Contract as Consumer	False (0x0)	
1969	New Contract as Provider	True (0x1)		1972	New Contract as Provider	True (0x1)	

LockedUp_TPS65988_FULL_Snapshot.bin - JustStartedWorking_TPS65988_FULL_Snapshot.bin					
1970	Source Capabilities Message Ready	True (0x1)	1973	Source Capabilities Message Ready	True (0x1)
1971	Sink Capabilities Message Ready	True (0x1)	1974	Sink Capabilities Message Ready	True (0x1)
1972	Low Voltage Warning	False (0x0)	1975	Low Voltage Warning	False (0x0)
1973	PR Swap Requested	False (0x0)	1976	PR Swap Requested	False (0x0)
1974	DR Swap Requested	False (0x0)	1977	DR Swap Requested	False (0x0)
1975	Goto Min Received	False (0x0)	1978	Goto Min Received	False (0x0)
1976	USB Host Present	True (0x1)	1979	USB Host Present	True (0x1)
1977	USB Host Present no longer	True (0x1)	1980	USB Host Present no longer	True (0x1)
1978	High Voltage Warning	False (0x0)	1981	High Voltage Warning	False (0x0)
1979	PP Switch Changed	True (0x1)	1982	PP Switch Changed	True (0x1)
1980	Power Status Update	True (0x1)	1983	Power Status Update	True (0x1)
1981	Data Status Update	True (0x1)	1984	Data Status Update	True (0x1)
1982	Status Update	True (0x1)	1985	Status Update	True (0x1)
1983	PD Status Update	True (0x1)	1986	PD Status Update	True (0x1)
1984	VCONN Swap Complete	False (0x0)	1987	VCONN Swap Complete	False (0x0)
1985	VCONN Swap Requested	False (0x0)	1988	VCONN Swap Requested	False (0x0)
1986	CMD1 Complete	False (0x0)	1989	CMD1 Complete	False (0x0)
1987	CMD2 Complete	False (0x0)	1990	CMD2 Complete	False (0x0)
1988	Error: Device Incompatible	False (0x0)	1991	Error: Device Incompatible	False (0x0)
1989	Error: Cannot Provide Voltage or Current	False (0x0)	1992	Error: Cannot Provide Voltage or Current	False (0x0)
1990	Error: Can Provide Voltage or Current Later	False (0x0)	1993	Error: Can Provide Voltage or Current Later	False (0x0)
1991	Error: Power Event Occurred	False (0x0)	1994	Error: Power Event Occurred	False (0x0)
1992	Error: Missing Get Capabilities Message	False (0x0)	1995	Error: Missing Get Capabilities Message	False (0x0)
1993	Error: Protocol Error	False (0x0)	1996	Error: Protocol Error	False (0x0)
1994	Error: Message Data	False (0x0)	1997	Error: Message Data	False (0x0)
1995	Error: Discharge Failed	False (0x0)	1998	Error: Discharge Failed	False (0x0)
1996	Sink Transition Complete	False (0x0)	1999	Sink Transition Complete	False (0x0)
1997	Error: Unable to Source	False (0x0)	2000	Error: Unable to Source	False (0x0)
1998	Error: BIST Message Ignored	False (0x0)	2001	Error: BIST Message Ignored	False (0x0)
1999	AM Entry Failure	False (0x0)	2002	AM Entry Failure	False (0x0)
2000	AM Entered	False (0x0)	2003	AM Entered	False (0x0)
2001	Vendor Defined Message Sent	False (0x0)	2004	Vendor Defined Message Sent	False (0x0)
2002	Discover Mode Complete	False (0x0)	2005	Discover Mode Complete	False (0x0)
2003	Exit Mode Complete	False (0x0)	2006	Exit Mode Complete	False (0x0)
2004	User SVID Mode Entered	False (0x0)	2007	User SVID Mode Entered	False (0x0)
2005	User SVID Mode Exited	False (0x0)	2008	User SVID Mode Exited	False (0x0)
2006	User SVID Attention VDM Received	False (0x0)	2009	User SVID Attention VDM Received	False (0x0)
2007	User SVID Other VDM Received	False (0x0)	2010	User SVID Other VDM Received	False (0x0)
2008	DP SID Status Update	False (0x0)	2011	DP SID Status Update	False (0x0)
2009	Intel VID Status Update	False (0x0)	2012	Intel VID Status Update	False (0x0)
2010	PD3 Status Update	False (0x0)	2013	PD3 Status Update	False (0x0)
2011	TX Mem Buffer Empty	False (0x0)	2014	TX Mem Buffer Empty	False (0x0)
2012	RX Mem Buffer Full	False (0x0)	2015	RX Mem Buffer Full	False (0x0)
2013	Custom VDM Arrive	False (0x0)	2016	Custom VDM Arrive	False (0x0)
2014	Custom AM Entered	False (0x0)	2017	Custom AM Entered	False (0x0)
2015	Custom VDM Message Sent	False (0x0)	2018	Custom VDM Message Sent	False (0x0)
2016	SOC ACK Timeout	False (0x0)	2019	SOC ACK Timeout	False (0x0)
2017	FRS Signal Received	False (0x0)	2020	FRS Signal Received	False (0x0)
2018	Chunk Response Received	False (0x0)	2021	Chunk Response Received	False (0x0)
2019	Chunk Request Received	False (0x0)	2022	Chunk Request Received	False (0x0)
2020	Alert Message Received	False (0x0)	2023	Alert Message Received	False (0x0)
2021	Common Interrupt Mask for I2C1		2024	Common Interrupt Mask for I2C1	
2022	Patch Loaded True (0x1)		2025	Patch Loaded True (0x1)	
2023	Ready for Patch True (0x1)		2026	Ready for Patch True (0x1)	
2024			2027		
2025	Interrupt Mask for I2C2 (0x17) - (0x300000000000002000008)		2028	Interrupt Mask for I2C2 (0x17) - (0x300000000000002000008)	
2026	Interrupt Event for I2C2		2029	Interrupt Event for I2C2	
2027	Interrupt Event for I2C2		2030	Interrupt Event for I2C2	
2028	Soft Reset	False (0x0)	2031	Soft Reset	False (0x0)
2029	Hard Reset	False (0x0)	2032	Hard Reset	False (0x0)
2030	Cable Reset Event	False (0x0)	2033	Cable Reset Event	False (0x0)
2031	Plug Insert or Removal	True (0x1)	2034	Plug Insert or Removal	True (0x1)
2032	PR Swap Complete	False (0x0)	2035	PR Swap Complete	False (0x0)
2033	DR Swap Complete	False (0x0)	2036	DR Swap Complete	False (0x0)
2034	FR Swap Complete	False (0x0)	2037	FR Swap Complete	False (0x0)
2035	RDO Received from Sink	False (0x0)	2038	RDO Received from Sink	False (0x0)
2036	Built-In Self Test	False (0x0)	2039	Built-In Self Test	False (0x0)
2037	Overcurrent Event	False (0x0)	2040	Overcurrent Event	False (0x0)

LockedUp_TPS65988_FULL_Snapshot.bin				JustStartedWorking_TPS65988_FULL_Snapshot.bin			
2038	Attention Received	False	(0x0)	2041	Attention Received	False	(0x0)
2039	Vendor-Defined Message Received	False	(0x0)	2042	Vendor-Defined Message Received	False	(0x0)
2040	New Contract as Consumer	False	(0x0)	2043	New Contract as Consumer	False	(0x0)
2041	New Contract as Provider	False	(0x0)	2044	New Contract as Provider	False	(0x0)
2042	Source Capabilities Message Ready	False	(0x0)	2045	Source Capabilities Message Ready	False	(0x0)
2043	Sink Capabilities Message Ready	False	(0x0)	2046	Sink Capabilities Message Ready	False	(0x0)
2044	Low Voltage Warning	False	(0x0)	2047	Low Voltage Warning	False	(0x0)
2045	PR Swap Requested	False	(0x0)	2048	PR Swap Requested	False	(0x0)
2046	DR Swap Requested	False	(0x0)	2049	DR Swap Requested	False	(0x0)
2047	Goto Min Received	False	(0x0)	2050	Goto Min Received	False	(0x0)
2048	USB Host Present	False	(0x0)	2051	USB Host Present	False	(0x0)
2049	USB Host Present no longer	False	(0x0)	2052	USB Host Present no longer	False	(0x0)
2050	High Voltage Warning	False	(0x0)	2053	High Voltage Warning	False	(0x0)
2051	PP Switch Changed	False	(0x0)	2054	PP Switch Changed	False	(0x0)
2052	Power Status Update	False	(0x0)	2055	Power Status Update	False	(0x0)
2053	Data Status Update	True	(0x1)	2056	Data Status Update	True	(0x1)
2054	Status Update	False	(0x0)	2057	Status Update	False	(0x0)
2055	PD Status Update	False	(0x0)	2058	PD Status Update	False	(0x0)
2056	VCONN Swap Complete	False	(0x0)	2059	VCONN Swap Complete	False	(0x0)
2057	VCONN Swap Requested	False	(0x0)	2060	VCONN Swap Requested	False	(0x0)
2058	CMD1 Complete	False	(0x0)	2061	CMD1 Complete	False	(0x0)
2059	CMD2 Complete	False	(0x0)	2062	CMD2 Complete	False	(0x0)
2060	Error: Device Incompatible	False	(0x0)	2063	Error: Device Incompatible	False	(0x0)
2061	Error: Cannot Provide Voltage or Current	False	(0x0)	2064	Error: Cannot Provide Voltage or Current	False	(0x0)
2062	Error: Can Provide Voltage or Current Later	False	(0x0)	2065	Error: Can Provide Voltage or Current Later	False	(0x0)
2063	Error: Power Event Occurred	False	(0x0)	2066	Error: Power Event Occurred	False	(0x0)
2064	Error: Missing Get Capabilities Message	False	(0x0)	2067	Error: Missing Get Capabilities Message	False	(0x0)
2065	Error: Protocol Error	False	(0x0)	2068	Error: Protocol Error	False	(0x0)
2066	Error: Message Data	False	(0x0)	2069	Error: Message Data	False	(0x0)
2067	Error: Discharge Failed	False	(0x0)	2070	Error: Discharge Failed	False	(0x0)
2068	Sink Transition Complete	False	(0x0)	2071	Sink Transition Complete	False	(0x0)
2069	Error: Unable to Source	False	(0x0)	2072	Error: Unable to Source	False	(0x0)
2070	Error: BIST Message Ignored	False	(0x0)	2073	Error: BIST Message Ignored	False	(0x0)
2071	AM Entry Failure	False	(0x0)	2074	AM Entry Failure	False	(0x0)
2072	AM Entered	False	(0x0)	2075	AM Entered	False	(0x0)
2073	Vendor Defined Message Sent	False	(0x0)	2076	Vendor Defined Message Sent	False	(0x0)
2074	Discover Mode Complete	False	(0x0)	2077	Discover Mode Complete	False	(0x0)
2075	Exit Mode Complete	False	(0x0)	2078	Exit Mode Complete	False	(0x0)
2076	User SVID Mode Entered	False	(0x0)	2079	User SVID Mode Entered	False	(0x0)
2077	User SVID Mode Exited	False	(0x0)	2080	User SVID Mode Exited	False	(0x0)
2078	User SVID Attention VDM Received	False	(0x0)	2081	User SVID Attention VDM Received	False	(0x0)
2079	User SVID Other VDM Received	False	(0x0)	2082	User SVID Other VDM Received	False	(0x0)
2080	DP SID Status Update	False	(0x0)	2083	DP SID Status Update	False	(0x0)
2081	Intel VID Status Update	False	(0x0)	2084	Intel VID Status Update	False	(0x0)
2082	PD3 Status Update	False	(0x0)	2085	PD3 Status Update	False	(0x0)
2083	TX Mem Buffer Empty	False	(0x0)	2086	TX Mem Buffer Empty	False	(0x0)
2084	RX Mem Buffer Full	False	(0x0)	2087	RX Mem Buffer Full	False	(0x0)
2085	Custom VDM Arrive	False	(0x0)	2088	Custom VDM Arrive	False	(0x0)
2086	Custom AM Entered	False	(0x0)	2089	Custom AM Entered	False	(0x0)
2087	Custom VDM Message Sent	False	(0x0)	2090	Custom VDM Message Sent	False	(0x0)
2088	SOC ACK Timeout	False	(0x0)	2091	SOC ACK Timeout	False	(0x0)
2089	FRS Signal Received	False	(0x0)	2092	FRS Signal Received	False	(0x0)
2090	Chunk Response Received	False	(0x0)	2093	Chunk Response Received	False	(0x0)
2091	Chunk Request Received	False	(0x0)	2094	Chunk Request Received	False	(0x0)
2092	Alert Message Received	False	(0x0)	2095	Alert Message Received	False	(0x0)
2093	Common Interrupt Mask for I2C1			2096	Common Interrupt Mask for I2C1		
2094	Patch Loaded	True	(0x1)	2097	Patch Loaded	True	(0x1)
2095	Ready for Patch	True	(0x1)	2098	Ready for Patch	True	(0x1)
2096				2099			
2097	Port Configuration (0x28) - (0x3fb658c9)			2100	Port Configuration (0x28) - (0x3fb658c9)		
2098	Port Configuration			2101	Port Configuration		
2099	Port Configuration	DFP (0x1)		2102	Port Configuration	DFP (0x1)	
2100	Reserved	Reserved, set 0 (0x0)		2103	Reserved	Reserved, set 0 (0x0)	
2101	Receptacle Type	Standard fully-featured USB-C receptacle (0x1)		2104	Receptacle Type	Standard fully-featured USB-C receptacle (0x1)	
2102	Audio Accessory Support	True (0x1)		2105	Audio Accessory Support	True (0x1)	
2103	Debug Accessory Support	True (0x1)		2106	Debug Accessory Support	True (0x1)	
2104	Type-C Supported Options	No Options (0x0)		2107	Type-C Supported Options	No Options (0x0)	
2105	Reserved	Reserved, set 0 (0x0)		2108	Reserved	Reserved, set 0 (0x0)	

2106	VConn Supported		VCONNsupported as DFP/UFP (accept VCONN_Swap requests)	2109	VConn Supported		VCONN supported as DFP/UFP (accept VCONN_Swap requests)
2107	USB3.0/3.1 Rate		USB3 Gen2 signaling rate supported (0x2)	2110	USB3.0/3.1 Rate		USB3 Gen2 signaling rate supported (0x2)
2108	Reserved		Reserved, set 0 (0x0)	2111	Reserved		Reserved, set 0 (0x0)
2109	Set UVP to 4.5 V		False (0x0)	2112	Set UVP to 4.5 V		False (0x0)
2110	Under-voltage Protection Trip Point, PP_5V		20% (0x3)	2113	Under-voltage Protection Trip Point, PP_5V		20% (0x3)
2111	Under-voltage Protection Usage, PP_HV		20% (0x3)	2114	Under-voltage Protection Usage, PP_HV		20% (0x3)
2112	Over Voltage Protection Trip Point		24 V (0x3f)	2115	Over Voltage Protection Trip Point		24 V (0x3f)
2113	Over Voltage Protection Usage		Disconnect VBUS if voltage exceeds 5% of expected max.	2116	Over Voltage Protection Usage		Disconnect VBUS if voltage exceeds 5% of expected max.
2114	High Voltage Warning Level		Warning when source VBUS voltage exceeds 10% from nomin.	2117	High Voltage Warning Level		Warning when source VBUS voltage exceeds 10% from nomin.
2115	Low Voltage Warning Level		Warning when source VBUS Voltage dips below 10% from no	2118	Low Voltage Warning Level		Warning when source VBUS Voltage dips below 10% from no
2116	Soft Start Slew Rate		0.41 V/mS typical (0x0)	2119	Soft Start Slew Rate		0.41 V/mS typical (0x0)
2117	Reserved		Reserved, set 0 (0x0)	2120	Reserved		Reserved, set 0 (0x0)
2118	Set UVP Debounce		False (0x0)	2121	Set UVP Debounce		False (0x0)
2119	Reserved		Reserved, set 0 (0x0)	2122	Reserved		Reserved, set 0 (0x0)
2120	Programmable Voltage Threshold		0 V (0x0)	2123	Programmable Voltage Threshold		0 V (0x0)
2121	Programmable Power Threshold		0 W (0x0)	2124	Programmable Power Threshold		0 W (0x0)
2122				2125			
2123	Port Control (0x29) - (0x1a09c042)			2126	Port Control (0x29) - (0x1a09c042)		
2124	Port Control			2127	Port Control		
2125	Type-C Current		3 A (strongest pullup) (0x2)	2128	Type-C Current		3 A (strongest pullup) (0x2)
2126	PD Mode		Normal PD Behavior (0x0)	2129	PD Mode		Normal PD Behavior (0x0)
2127	Process Swap To Sink		False (0x0)	2130	Process Swap To Sink		False (0x0)
2128	Initiate Swap To Sink		False (0x0)	2131	Initiate Swap To Sink		False (0x0)
2129	Process Swap To Source		True (0x1)	2132	Process Swap To Source		True (0x1)
2130	Initiate Swap To Source		False (0x0)	2133	Initiate Swap To Source		False (0x0)
2131	Reserved		Reserved, Set 0 (0x0)	2134	Reserved		Reserved, Set 0 (0x0)
2132	Reserved		Reserved, Set 0 (0x0)	2135	Reserved		Reserved, Set 0 (0x0)
2133	Process VCONN Swap		False (0x0)	2136	Process VCONN Swap		False (0x0)
2134	Process Swap to UFP		False (0x0)	2137	Process Swap to UFP		False (0x0)
2135	Initiate Swap to UFP		False (0x0)	2138	Initiate Swap to UFP		False (0x0)
2136	Process Swap to DFP		True (0x1)	2139	Process Swap to DFP		True (0x1)
2137	Initiate Swap to DFP		True (0x1)	2140	Initiate Swap to DFP		True (0x1)
2138	Automatic ID Request		True (0x1)	2141	Automatic ID Request		True (0x1)
2139	AM Intrusive Mode		Not Supported (0x0)	2142	AM Intrusive Mode		Not Supported (0x0)
2140	Force USB Generation 1		False (0x0)	2143	Force USB Generation 1		False (0x0)
2141	Externally Powered		True (0x1)	2144	Externally Powered		True (0x1)
2142	Automatic Sink Cap		False (0x0)	2145	Automatic Sink Cap		False (0x0)
2143	Sink Control Bit		False (0x0)	2146	Sink Control Bit		False (0x0)
2144	Reserved		Reserved, set 0 (0x0)	2147	Reserved		Reserved, set 0 (0x0)
2145	15 kOhm Resistor Present		False (0x0)	2148	15 kOhm Resistor Present		False (0x0)
2146	Data Contact Detection Enable		True (0x1)	2149	Data Contact Detection Enable		True (0x1)
2147	Charger Advertise Enable		DCP Auto Mode 2 (Divider3, 1.2V, BC1.2 short) (0x6)	2150	Charger Advertise Enable		DCP Auto Mode 2 (Divider3, 1.2V, BC1.2 short) (0x6)
2148	USB Disable		False (0x0)	2151	USB Disable		False (0x0)
2149	Charger Detect Enable		Charger Detect Disabled (0x0)	2152	Charger Detect Enable		Charger Detect Disabled (0x0)
2150				2153			
2151	Transmit Source Capabilities (0x32) - (0x19000000000000000000000000000006412c0004b12c0002d12c0501912c00)			2154	Transmit Source Capabilities (0x32) - (0x19000000000000000000000000000006412c0004b12c0002d12c0501912c00)		
2152	Transmit Source Capabilities			2155	Transmit Source Capabilities		
2153	Tx Source PDO Config			2156	Tx Source PDO Config		
2154	Active PDO Bank		Use Bank 0 (0x0)	2157	Active PDO Bank		Use Bank 0 (0x0)
2155	Active PDO Bank Follows EP		False (0x0)	2158	Active PDO Bank Follows EP		False (0x0)
2156	Transmit Source Send Pending		False (0x0)	2159	Transmit Source Send Pending		False (0x0)
2157	Bank 0 Settings			2160	Bank 0 Settings		
2158	Source PDO 1			2161	Source PDO 1		
2159	Switch Source		PP2 sources this PDO (0x1)	2162	Switch Source		PP2 sources this PDO (0x1)
2160	Maximum Current		3 A (0x12c)	2163	Maximum Current		3 A (0x12c)
2161	Voltage		5 V (0xb4)	2164	Voltage		

2174	reserved	reserved, set 0 (0x0)	2177	reserved	reserved, set 0 (0x0)
2175	Supply Type	Fixed Source (0x0)	2178	Supply Type	Fixed Source (0x0)
2176	Source PDO 3		2179	Source PDO 3	
2177	Advertised Mask	Always Advertise (0x1)	2180	Advertised Mask	Always Advertise (0x1)
2178	Switch Source	PP2 sources this PDO (0x1)	2181	Switch Source	PP2 sources this PDO (0x1)
2179	Maximum Current	3 A (0x12c)	2182	Maximum Current	3 A (0x12c)
2180	Voltage	15 V (0x12c)	2183	Voltage	15 V (0x12c)
2181	Peak Current	100% (0x0)	2184	Peak Current	100% (0x0)
2182	reserved	reserved, set 0 (0x0)	2185	reserved	reserved, set 0 (0x0)
2183	Supply Type	Fixed Source (0x0)	2186	Supply Type	Fixed Source (0x0)
2184	Source PDO 4		2187	Source PDO 4	
2185	Advertised Mask	Always Advertise (0x1)	2188	Advertised Mask	Always Advertise (0x1)
2186	Switch Source	PP1 sources this PDO (0x0)	2189	Switch Source	PP1 sources this PDO (0x0)
2187	Maximum Current	3 A (0x12c)	2190	Maximum Current	3 A (0x12c)
2188	Voltage	20 V (0x190)	2191	Voltage	20 V (0x190)
2189	Peak Current	100% (0x0)	2192	Peak Current	100% (0x0)
2190	reserved	reserved, set 0 (0x0)	2193	reserved	reserved, set 0 (0x0)
2191	Supply Type	Fixed Source (0x0)	2194	Supply Type	Fixed Source (0x0)
2192	Source PDO 5		2195	Source PDO 5	
2193	Advertised Mask	Advertise only if Externally Powered (0x0)	2196	Advertised Mask	Advertise only if Externally Powered (0x0)
2194	Switch Source	PP1 sources this PDO (0x0)	2197	Switch Source	PP1 sources this PDO (0x0)
2195	Maximum Current	0 A (0x0)	2198	Maximum Current	0 A (0x0)
2196	Voltage	0 V (0x0)	2199	Voltage	0 V (0x0)
2197	Peak Current	100% (0x0)	2200	Peak Current	100% (0x0)
2198	reserved	reserved, set 0 (0x0)	2201	reserved	reserved, set 0 (0x0)
2199	Supply Type	Fixed Source (0x0)	2202	Supply Type	Fixed Source (0x0)
2200	Source PDO 6		2203	Source PDO 6	
2201	Advertised Mask	Advertise only if Externally Powered (0x0)	2204	Advertised Mask	Advertise only if Externally Powered (0x0)
2202	Switch Source	PP1 sources this PDO (0x0)	2205	Switch Source	PP1 sources this PDO (0x0)
2203	Maximum Current	0 A (0x0)	2206	Maximum Current	0 A (0x0)
2204	Voltage	0 V (0x0)	2207	Voltage	0 V (0x0)
2205	Peak Current	100% (0x0)	2208	Peak Current	100% (0x0)
2206	reserved	reserved, set 0 (0x0)	2209	reserved	reserved, set 0 (0x0)
2207	Supply Type	Fixed Source (0x0)	2210	Supply Type	Fixed Source (0x0)
2208	Source PDO 7		2211	Source PDO 7	
2209	Advertised Mask	Advertise only if Externally Powered (0x0)	2212	Advertised Mask	Advertise only if Externally Powered (0x0)
2210	Switch Source	PP1 sources this PDO (0x0)	2213	Switch Source	PP1 sources this PDO (0x0)
2211	Maximum Current	0 A (0x0)	2214	Maximum Current	0 A (0x0)
2212	Voltage	0 V (0x0)	2215	Voltage	0 V (0x0)
2213	Peak Current	100% (0x0)	2216	Peak Current	100% (0x0)
2214	reserved	reserved, set 0 (0x0)	2217	reserved	reserved, set 0 (0x0)
2215	Supply Type	Fixed Source (0x0)	2218	Supply Type	Fixed Source (0x0)
2216	Number of Bank 0 Source PDOS	3 (0x3)	2219	Number of Bank 0 Source PDOS	3 (0x3)
2217	Bank 1 Settings		2220	Bank 1 Settings	
2218	Source PDO 1		2221	Source PDO 1	
2219	Switch Source	PP1 sources this PDO (0x0)	2222	Switch Source	PP1 sources this PDO (0x0)
2220	Maximum Current	0 A (0x0)	2223	Maximum Current	0 A (0x0)
2221	Voltage	5 V (0x64)	2224	Voltage	5 V (0x64)
2222	Peak Current	100% (0x0)	2225	Peak Current	100% (0x0)
2223	reserved	reserved, set 0 (0x0)	2226	reserved	reserved, set 0 (0x0)
2224	Unchunked Extended Msg Supported	False (0x0)	2227	Unchunked Extended Msg Supported	False (0x0)
2225	USB Capable	False (0x0)	2228	USB Capable	False (0x0)
2226	USB Suspend Supported	False (0x0)	2229	USB Suspend Supported	False (0x0)
2227	Supply Type	Fixed Source (0x0)	2230	Supply Type	Fixed Source (0x0)
2228	Source PDO 2		2231	Source PDO 2	
2229	Advertised Mask	Always Advertise (0x1)	2232	Advertised Mask	Always Advertise (0x1)
2230	Switch Source	PP1 sources this PDO (0x0)	2233	Switch Source	PP1 sources this PDO (0x0)
2231	Maximum Current	0 A (0x0)	2234	Maximum Current	0 A (0x0)
2232	Voltage	0 V (0x0)	2235	Voltage	0 V (0x0)
2233	Peak Current	100% (0x0)	2236	Peak Current	100% (0x0)
2234	reserved	reserved, set 0 (0x0)	2237	reserved	reserved, set 0 (0x0)
2235	Supply Type	Fixed Source (0x0)	2238	Supply Type	Fixed Source (0x0)
2236	Source PDO 3		2239	Source PDO 3	
2237	Advertised Mask	Always Advertise (0x1)	2240	Advertised Mask	Always Advertise (0x1)
2238	Switch Source	PP1 sources this PDO (0x0)	2241	Switch Source	PP1 sources this PDO (0x0)
2239	Maximum Current	0 A (0x0)	2242	Maximum Current	0 A (0x0)
2240	Voltage	0 V (0x0)	2243	Voltage	0 V (0x0)
2241	Peak Current	100% (0x0)	2244	Peak Current	100% (0x0)


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2378 USB Vendor ID 0x451 (0x451)
2379 Connector Type Reserved Legacy (0x0)
2380 Product Type (DFP) Undefined (0x0)
2381 Modal Operation Supported True (0x1)
2382 Product Type (UFP) Undefined (0x0)
2383 Data Capable as USB Device True (0x1)
2384 Data Capable as USB Host True (0x1)
2385 Product Vendor Defined Object
2386 BCD Device 0x710 (0x710)
2387 USB Product ID 0x0 (0x0)
2388 Alternate Mode Adapter VDO
2389 USB SS Signalling USB 2.0 Only (0x0)
2390 VBus Required False (0x0)
2391 VConn Required False (0x0)
2392 VConn Power 1 W (0x0)
2393 SSRx 2 Directionality Fixed (0x0)
2394 SSRx 1 Directionality Fixed (0x0)
2395 SSTx 2 Directionality Fixed (0x0)
2396 SSTx 1 Directionality Fixed (0x0)
2397 AMA Firmware Version 0x0 (0x0)
2398 AMA Hardware Version 0x0 (0x0)
2399 Certification Test ID 0x0 (0x0)
2400 UFP IDO VDO #5 0x0 (0x0)
2401 UFP IDO VDO #6 0x0 (0x0)
2402 SOP' (Tethered Plug) Discover Identity Response
2403 SOP' (Tethered Plug) IDO Header
2404 USB Vendor ID 0x0 (0x0)
2405 Product Type (DFP) Undefined (0x0)
2406 Modal Operation Supported False (0x0)
2407 Product Type (Cable Plug) Undefined (0x0)
2408 Data Capable as USB Device False (0x0)
2409 Data Capable as USB Host False (0x0)
2410 Product Vendor Defined Object
2411 BCD Device 0x710 (0x710)
2412 USB Product ID 0x0 (0x0)
2413 Cable Vendor Defined Object
2414 USB SS Signalling USB 2.0 Only (0x0)
2415 VBus Current Handling Capability Reserved (0x0)
2416 Maximum Vbus Voltage 20V (0x0)
2417 Cable Termination Type Both Ends Passive, VConn Not Required (0x0)
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
2427User 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 Unstructured 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 Unstructured VDM False (0x0)
2445 User VID Mode Autoentry Enabled False (0x0)
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2381 USB Vendor ID 0x451 (0x451)
2382 Connector Type Reserved Legacy (0x0)
2383 Product Type (DFP) Undefined (0x0)
2384 Modal Operation Supported True (0x1)
2385 Product Type (UFP) Undefined (0x0)
2386 Data Capable as USB Device True (0x1)
2387 Data Capable as USB Host True (0x1)
2388 Product Vendor Defined Object
2389 BCD Device 0x710 (0x710)
2390 USB Product ID 0x0 (0x0)
2391 Alternate Mode Adapter VDO
2392 USB SS Signalling USB 2.0 Only (0x0)
2393 VBus Required False (0x0)
2394 VConn Required False (0x0)
2395 VConn Power 1 W (0x0)
2396 SSRx 2 Directionality Fixed (0x0)
2397 SSRx 1 Directionality Fixed (0x0)
2398 SSTx 2 Directionality Fixed (0x0)
2399 SSTx 1 Directionality Fixed (0x0)
2400 AMA Firmware Version 0x0 (0x0)
2401 AMA Hardware Version 0x0 (0x0)
2402 Certification Test ID 0x0 (0x0)
2403 UFP IDO VDO #5 0x0 (0x0)
2404 UFP IDO VDO #6 0x0 (0x0)
2405 SOP' (Tethered Plug) Discover Identity Response
2406 SOP' (Tethered Plug) IDO Header
2407 USB Vendor ID 0x0 (0x0)
2408 Product Type (DFP) Undefined (0x0)
2409 Modal Operation Supported False (0x0)
2410 Product Type (Cable Plug) Undefined (0x0)
2411 Data Capable as USB Device False (0x0)
2412 Data Capable as USB Host False (0x0)
2413 Product Vendor Defined Object
2414 BCD Device 0x710 (0x710)
2415 USB Product ID 0x0 (0x0)
2416 Cable Vendor Defined Object
2417 USB SS Signalling USB 2.0 Only (0x0)
2418 VBus Current Handling Capability Reserved (0x0)
2419 Maximum Vbus Voltage 20V (0x0)
2420 Cable Termination Type Both Ends Passive, VConn Not Required (0x0)
2421 Cable Latency reserved (0000b) (0x0)
2422 Type-C Plug to Type-C/Captive reserved (0x0)
2423 VDO version 0x0 (0x0)
2424 Cable Firmware Version 0x0 (0x0)
2425 Cable Hardware Version 0x0 (0x0)
2426 Certification Test ID 0x0 (0x0)
2427 SOP' (Tethered Plug) IDO VDO #5 0x0 (0x0)
2428 SOP' (Tethered Plug) IDO VDO #6 0x0 (0x0)
2429
2430User Alternate Mode Config (0x4a) - (0x0)
2431 User Alternate Mode Config
2432 General Settings
2433 User VID Enabled False (0x0)
2434 User Alternate Mode VID (Vendor ID) 0x0 (0x0)
2435 User VID Mode 1 Enabled False (0x0)
2436 User VID Mode 2 Enabled False (0x0)
2437 User VID Mode 3 Enabled False (0x0)
2438 User VID Mode 4 Enabled False (0x0)
2439 User Alternate Mode #1 Settings
2440 Mode Value 0x0 (0x0)
2441 User VID Mode Load App Config Data False (0x0)
2442 User VID Mode Auto Send Unstructured VDM False (0x0)
2443 User VID Mode Autoentry Enabled False (0x0)
2444 User Alternate Mode #2 Settings
2445 Mode Value 0x0 (0x0)
2446 User VID Mode Load App Config Data False (0x0)
2447 User VID Mode Auto Send Unstructured VDM False (0x0)
2448 User VID Mode Autoentry Enabled False (0x0)
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2446	User Alternate Mode #3 Settings		2449	User Alternate Mode #3 Settings	
2447	Mode Value	0x0 (0x0)	2450	Mode Value	0x0 (0x0)
2448	User VID Mode Load App Config Data	False (0x0)	2451	User VID Mode Load App Config Data	False (0x0)
2449	User VID Mode Auto Send Unstructed VDM	False (0x0)	2452	User VID Mode Auto Send Unstructed VDM	False (0x0)
2450	User VID Mode Autoentry Enabled	False (0x0)	2453	User VID Mode Autoentry Enabled	False (0x0)
2451	User Alternate Mode #4 Settings		2454	User Alternate Mode #4 Settings	
2452	Mode Value	0x0 (0x0)	2455	Mode Value	0x0 (0x0)
2453	User VID Mode Load App Config Data	False (0x0)	2456	User VID Mode Load App Config Data	False (0x0)
2454	User VID Mode Auto Send Unstructed VDM	False (0x0)	2457	User VID Mode Auto Send Unstructed VDM	False (0x0)
2455	User VID Mode Autoentry Enabled	False (0x0)	2458	User VID Mode Autoentry Enabled	False (0x0)
2456	Unstructured VDM Settings		2459	Unstructured VDM Settings	
2457	User VID Auto Send VDO Data	0x0 (0x0)	2460	User VID Auto Send VDO Data	0x0 (0x0)
2458	User VID Auto Send Vendor Data	0x0 (0x0)	2461	User VID Auto Send Vendor Data	0x0 (0x0)
2459	User Mode Auto Send VDO Count	0 (0x0)	2462	User Mode Auto Send VDO Count	0 (0x0)
2460			2463		
2461	Display Port Capabilities (0x51) - (0x20c1c4000)		2464	Display Port Capabilities (0x51) - (0x20c1c4000)	
2462	Display Port Capabilities		2465	Display Port Capabilities	
2463	Enable Display Port SVID	False (0x0)	2466	Enable Display Port SVID	False (0x0)
2464	Enable Display Port Mode 1	False (0x0)	2467	Enable Display Port Mode 1	False (0x0)
2465	DP Port Capability	DP Disabled (0x0)	2468	DP Port Capability	DP Disabled (0x0)
2466	Supports DP v1.3 signalling	False (0x0)	2469	Supports DP v1.3 signalling	False (0x0)
2467	Supports USB Gen 2 signalling	False (0x0)	2470	Supports USB Gen 2 signalling	False (0x0)
2468	DP Receptacle Indication	Receptacle (0x1)	2471	DP Receptacle Indication	Receptacle (0x1)
2469	USB2.0 Signalling Not Used	False (0x0)	2472	USB2.0 Signalling Not Used	False (0x0)
2470	DFPD Receptacle or UFPD Plug Pin Assignment	C, D, E (0x1c)	2473	DFPD Receptacle or UFPD Plug Pin Assignment	C, D, E (0x1c)
2471	UFPD Receptacle or DFPD Plug Pin Assignment	C, D (0xc)	2474	UFPD Receptacle or DFPD Plug Pin Assignment	C, D (0xc)
2472	Multifunction Preferred	False (0x0)	2475	Multifunction Preferred	False (0x0)
2473	Preferred DP Role	Prefers DFP_D (0x1)	2476	Preferred DP Role	Prefers DFP_D (0x1)
2474	DFP_D / UFP_D Connected	No Connection (0x0)	2477	DFP_D / UFP_D Connected	No Connection (0x0)
2475	DisplayPort Mode Auto Entry Allowed	False (0x0)	2478	DisplayPort Mode Auto Entry Allowed	False (0x0)
2476	Reserved, Set 0	0 (0x0)	2479	Reserved, Set 0	0 (0x0)
2477			2480		
2478	I2C Master Configuration (0x64) - (0x0)		2481	I2C Master Configuration (0x64) - (0x0)	
2479	Slave Address Configuration		2482	Slave Address Configuration	
2480	Slave 1 Configuration		2483	Slave 1 Configuration	
2481	Slave 1 I2C Address	0x0 (0x0)	2484	Slave 1 I2C Address	0x0 (0x0)
2482	Slave 1 Master Selection	I2C1 (0x0)	2485	Slave 1 Master Selection	I2C1 (0x0)
2483	Slave 2 Configuration		2486	Slave 2 Configuration	
2484	Slave 2 I2C Address	0x0 (0x0)	2487	Slave 2 I2C Address	0x0 (0x0)
2485	Slave 2 Master Selection	I2C1 (0x0)	2488	Slave 2 Master Selection	I2C1 (0x0)
2486	Slave 3 Configuration		2489	Slave 3 Configuration	
2487	Slave 3 I2C Address	0x0 (0x0)	2490	Slave 3 I2C Address	0x0 (0x0)
2488	Slave 3 Master Selection	I2C1 (0x0)	2491	Slave 3 Master Selection	I2C1 (0x0)
2489	Slave 4 Configuration		2492	Slave 4 Configuration	
2490	Slave 4 I2C Address	0x0 (0x0)	2493	Slave 4 I2C Address	0x0 (0x0)
2491	Slave 4 Master Selection	I2C1 (0x0)	2494	Slave 4 Master Selection	I2C1 (0x0)
2492	Slave 5 Configuration		2495	Slave 5 Configuration	
2493	Slave 5 I2C Address	0x0 (0x0)	2496	Slave 5 I2C Address	0x0 (0x0)
2494	Slave 5 Master Selection	I2C1 (0x0)	2497	Slave 5 Master Selection	I2C1 (0x0)
2495	Slave 6 Configuration		2498	Slave 6 Configuration	
2496	Slave 6 I2C Address	0x0 (0x0)	2499	Slave 6 I2C Address	0x0 (0x0)
2497	Slave 6 Master Selection	I2C1 (0x0)	2500	Slave 6 Master Selection	I2C1 (0x0)
2498	Slave 7 Configuration		2501	Slave 7 Configuration	
2499	Slave 7 I2C Address	0x0 (0x0)	2502	Slave 7 I2C Address	0x0 (0x0)
2500	Slave 7 Master Selection	I2C1 (0x0)	2503	Slave 7 Master Selection	I2C1 (0x0)
2501	Slave 8 Configuration		2504	Slave 8 Configuration	
2502	Slave 8 I2C Address	0x0 (0x0)	2505	Slave 8 I2C Address	0x0 (0x0)
2503	Slave 8 Master Selection	I2C1 (0x0)	2506	Slave 8 Master Selection	I2C1 (0x0)
2504	Redriver 1 Configuration		2507	Redriver 1 Configuration	
2505	Redriver 1 I2C Address	0x0 (0x0)	2508	Redriver 1 I2C Address	0x0 (0x0)
2506	Redriver 1 Master Selection	I2C1 (0x0)	2509	Redriver 1 Master Selection	I2C1 (0x0)
2507	Redriver 2 Configuration		2510	Redriver 2 Configuration	
2508	Redriver 2 I2C Address	0x0 (0x0)	2511	Redriver 2 I2C Address	0x0 (0x0)
2509	Redriver 2 Master Selection	I2C1 (0x0)	2512	Redriver 2 Master Selection	I2C1 (0x0)
2510			2513		
2511	App configuration Register (0x6c) - (0x0)		2514	App configuration Register (0x6c) - (0x0)	
2512	App configuration		2515	App configuration	
2513	App Config Group 1 Settings		2516	App Config Group 1 Settings	

[illegible]

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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
2594Tx 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
2639Tx 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)
2644PK[03][04][14][00][00][00][00][00]ES:WbwðE«Y[00][00]«Y[00][00]\$[00][00][00]Device 1, port 2 Debug Registers.txt
2645Command Register for CMD1 (0x8) - (0x0)
2646 Command Register for CMD1
2647 4cc Command (0x0)
2648
2649Data Register for CMD1 (0x9) - (0x0)

2585 Touch Temperature
2586 Touch Temperature IEC 60950-1 Compliant (0x0)
2587 Source Inputs
2588 External Supply Present False (0x0)
2589 External Supply is Unconstrained False (0x0)
2590 Internal Battery Present False (0x0)
2591 Number of Batteries
2592 Number of Fixed Batteries 0 (0x0)
2593 Number of Hot-swappable Batteries 0 (0x0)
2594 Holdup Time 0x0 (0x0)
2595 Source PD Power 45 W (0x2d)
2596
2597Tx Battery Capabilities (0x7d) - (0x0)
2598 Tx Battery Capabilities
2599 Fixed Battery #1 Capabilities
2600 Vendor ID 0x0 (0x0)
2601 Product ID 0x0 (0x0)
2602 Battery Design Capacity 0x0 (0x0)
2603 Battery Last Full Charge Capacity 0x0 (0x0)
2604 Battery Type 0x0 (0x0)
2605 Fixed Battery #2 Capabilities
2606 Vendor ID 0x0 (0x0)
2607 Product ID 0x0 (0x0)
2608 Battery Design Capacity 0x0 (0x0)
2609 Battery Last Full Charge Capacity 0x0 (0x0)
2610 Battery Type 0x0 (0x0)
2611 Fixed Battery #3 Capabilities
2612 Vendor ID 0x0 (0x0)
2613 Product ID 0x0 (0x0)
2614 Battery Design Capacity 0x0 (0x0)
2615 Battery Last Full Charge Capacity 0x0 (0x0)
2616 Battery Type 0x0 (0x0)
2617 Fixed Battery #4 Capabilities
2618 Vendor ID 0x0 (0x0)
2619 Product ID 0x0 (0x0)
2620 Battery Design Capacity 0x0 (0x0)
2621 Battery Last Full Charge Capacity 0x0 (0x0)
2622 Battery Type 0x0 (0x0)
2623 Hot-Pluggable Battery #1 Capabilities
2624 Vendor ID 0x0 (0x0)
2625 Product ID 0x0 (0x0)
2626 Battery Design Capacity 0x0 (0x0)
2627 Battery Last Full Charge Capacity 0x0 (0x0)
2628 Battery Type 0x0 (0x0)
2629 Hot-Pluggable Battery #2 Capabilities
2630 Vendor ID 0x0 (0x0)
2631 Product ID 0x0 (0x0)
2632 Battery Design Capacity 0x0 (0x0)
2633 Battery Last Full Charge Capacity 0x0 (0x0)
2634 Battery Type 0x0 (0x0)
2635 Hot-Pluggable Battery #3 Capabilities
2636 Vendor ID 0x0 (0x0)
2637 Product ID 0x0 (0x0)
2638 Battery Design Capacity 0x0 (0x0)
2639 Battery Last Full Charge Capacity 0x0 (0x0)
2640 Battery Type 0x0 (0x0)
2641
2642Tx Manufacturer Info SOP Prime (0x7f) - (0x0)
2643 Tx Manufacturer Info SOP
2644 Vendor ID 0x0 (0x0)
2645 Product ID 0x0 (0x0)
2646 Manufacturer String 0x0 (0x0)
2647PK[03][04][14][00][00][00][00][00]ÜR:Wti„üü[00][00]ü[00][00]\$[00][00][00]Device 1, port 2 Debug Registers.txt
2648Command Register for CMD1 (0x8) - (0x0)
2649 Command Register for CMD1
2650 4cc Command (0x0)
2651
2652Data 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
2668Command Register for CMD2 (0x10) - (0x0)

2669 Command Register for CMD2

2670 4cc Command (0x0)

2671

2672Data 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

2691Interrupt Event for I2C1 (0x14) - (0x100000000000000006800008)

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	True	(0x1)
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)

2653	Data Register for CMD1		
2654	Word 1 (Least Significant)	0x0	(0x0)
2655	Word 2	0x0	(0x0)
2656	Word 3	0x0	(0x0)
2657	Word 4	0x0	(0x0)
2658	Word 5	0x0	(0x0)
2659	Word 6	0x0	(0x0)
2660	Word 7	0x0	(0x0)
2661	Word 8	0x0	(0x0)
2662	Word 9	0x0	(0x0)
2663	Word 10	0x0	(0x0)
2664	Word 11	0x0	(0x0)
2665	Word 12	0x0	(0x0)
2666	Word 13	0x0	(0x0)
2667	Word 14	0x0	(0x0)
2668	Word 15	0x0	(0x0)
2669	Word 16	0x0	(0x0)

2670
2671Command Register for CMD2 (0x10) - (0x0)

2672 Command Register for CMD2

2673 4cc Command (0x0)

2674

2675Data Register for CMD2 (0x11) - (0x0)

2676 Data Register for CMD2

2677	Word 1 (Least Significant)	0x0	(0x0)
2678	Word 2	0x0	(0x0)
2679	Word 3	0x0	(0x0)
2680	Word 4	0x0	(0x0)
2681	Word 5	0x0	(0x0)
2682	Word 6	0x0	(0x0)
2683	Word 7	0x0	(0x0)
2684	Word 8	0x0	(0x0)
2685	Word 9	0x0	(0x0)
2686	Word 10	0x0	(0x0)
2687	Word 11	0x0	(0x0)
2688	Word 12	0x0	(0x0)
2689	Word 13	0x0	(0x0)
2690	Word 14	0x0	(0x0)
2691	Word 15	0x0	(0x0)
2692	Word 16	0x0	(0x0)

2693

2694Interrupt Event for I2C1 (0x14) - (0x10000000000000000f802008)

2695 Interrupt Event for I2C1

2696 Interrupt Event for I2C1

2697	Soft Reset	False	(0x0)
2698	Hard Reset	False	(0x0)
2699	Cable Reset Event	False	(0x0)
2700	Plug Insert or Removal	True	(0x1)
2701	PR Swap Complete	False	(0x0)
2702	DR Swap Complete	False	(0x0)
2703	FR Swap Complete	False	(0x0)
2704	RDO Received from Sink	False	(0x0)
2705	Built-In Self Test	False	(0x0)
2706	Overcurrent Event	False	(0x0)
2707	Attention Received	False	(0x0)
2708	Vendor-Defined Message Received	False	(0x0)
2709	New Contract as Consumer	False	(0x0)
2710	New Contract as Provider	True	(0x1)
2711	Source Capabilities Message Ready	False	(0x0)
2712	Sink Capabilities Message Ready	False	(0x0)
2713	Low Voltage Warning	False	(0x0)
2714	PR Swap Requested	False	(0x0)
2715	DR Swap Requested	False	(0x0)
2716	Goto Min Received	False	(0x0)
2717	USB Host Present	False	(0x0)
2718	USB Host Present no longer	False	(0x0)
2719	High Voltage Warning	False	(0x0)
2720	PP Switch Changed	True	(0x1)

2718	Power Status Update	False (0x0)	2721	Power Status Update	True (0x1)
2719	Data Status Update	True (0x1)	2722	Data Status Update	True (0x1)
2720	Status Update	True (0x1)	2723	Status Update	True (0x1)
2721	PD Status Update	False (0x0)	2724	PD Status Update	True (0x1)
2722	VCONN Swap Complete	False (0x0)	2725	VCONN Swap Complete	False (0x0)
2723	VCONN Swap Requested	False (0x0)	2726	VCONN Swap Requested	False (0x0)
2724	CMD1 Complete	False (0x0)	2727	CMD1 Complete	False (0x0)
2725	CMD2 Complete	False (0x0)	2728	CMD2 Complete	False (0x0)
2726	Error: Device Incompatible	False (0x0)	2729	Error: Device Incompatible	False (0x0)
2727	Error: Cannot Provide Voltage or Current	False (0x0)	2730	Error: Cannot Provide Voltage or Current	False (0x0)
2728	Error: Can Provide Voltage or Current Later	False (0x0)	2731	Error: Can Provide Voltage or Current Later	False (0x0)
2729	Error: Power Event Occurred	False (0x0)	2732	Error: Power Event Occurred	False (0x0)
2730	Error: Missing Get Capabilities Message	False (0x0)	2733	Error: Missing Get Capabilities Message	False (0x0)
2731	Error: Protocol Error	False (0x0)	2734	Error: Protocol Error	False (0x0)
2732	Error: Message Data	False (0x0)	2735	Error: Message Data	False (0x0)
2733	Error: Discharge Failed	False (0x0)	2736	Error: Discharge Failed	False (0x0)
2734	Sink Transition Complete	False (0x0)	2737	Sink Transition Complete	False (0x0)
2735	Error: Unable to Source	False (0x0)	2738	Error: Unable to Source	False (0x0)
2736	Error: BIST Message Ignored	False (0x0)	2739	Error: BIST Message Ignored	False (0x0)
2737	AM Entry Failure	False (0x0)	2740	AM Entry Failure	False (0x0)
2738	AM Entered	False (0x0)	2741	AM Entered	False (0x0)
2739	Vendor Defined Message Sent	False (0x0)	2742	Vendor Defined Message Sent	False (0x0)
2740	Discover Mode Complete	False (0x0)	2743	Discover Mode Complete	False (0x0)
2741	Exit Mode Complete	False (0x0)	2744	Exit Mode Complete	False (0x0)
2742	User SVID Mode Entered	False (0x0)	2745	User SVID Mode Entered	False (0x0)
2743	User SVID Mode Exited	False (0x0)	2746	User SVID Mode Exited	False (0x0)
2744	User SVID Attention VDM Received	False (0x0)	2747	User SVID Attention VDM Received	False (0x0)
2745	User SVID Other VDM Received	False (0x0)	2748	User SVID Other VDM Received	False (0x0)
2746	DP SID Status Update	False (0x0)	2749	DP SID Status Update	False (0x0)
2747	Intel VID Status Update	False (0x0)	2750	Intel VID Status Update	False (0x0)
2748	PD3 Status Update	False (0x0)	2751	PD3 Status Update	False (0x0)
2749	TX Mem Buffer Empty	False (0x0)	2752	TX Mem Buffer Empty	False (0x0)
2750	RX Mem Buffer Full	False (0x0)	2753	RX Mem Buffer Full	False (0x0)
2751	Custom VDM Arrive	False (0x0)	2754	Custom VDM Arrive	False (0x0)
2752	Custom AM Entered	False (0x0)	2755	Custom AM Entered	False (0x0)
2753	Custom VDM Message Sent	False (0x0)	2756	Custom VDM Message Sent	False (0x0)
2754	SOC ACK Timeout	False (0x0)	2757	SOC ACK Timeout	False (0x0)
2755	FRS Signal Received	False (0x0)	2758	FRS Signal Received	False (0x0)
2756	Chunk Response Received	False (0x0)	2759	Chunk Response Received	False (0x0)
2757	Chunk Request Received	False (0x0)	2760	Chunk Request Received	False (0x0)
2758	Alert Message Received	False (0x0)	2761	Alert Message Received	False (0x0)
2759	Common Interrupt Mask for I2C1		2762	Common Interrupt Mask for I2C1	
2760	Patch Loaded	True (0x1)	2763	Patch Loaded	True (0x1)
2761	Ready for Patch	False (0x0)	2764	Ready for Patch	False (0x0)
2762			2765		
2763	Interrupt Event for I2C2 (0x15) - (0x100000000000002000008)		2766	Interrupt Event for I2C2 (0x15) - (0x100000000000002000008)	
2764	Interrupt Event for I2C2		2767	Interrupt Event for I2C2	
2765	Interrupt Event for I2C2		2768	Interrupt Event for I2C2	
2766	Soft Reset	False (0x0)	2769	Soft Reset	False (0x0)
2767	Hard Reset	False (0x0)	2770	Hard Reset	False (0x0)
2768	Cable Reset Event	False (0x0)	2771	Cable Reset Event	False (0x0)
2769	Plug Insert or Removal	True (0x1)	2772	Plug Insert or Removal	True (0x1)
2770	PR Swap Complete	False (0x0)	2773	PR Swap Complete	False (0x0)
2771	DR Swap Complete	False (0x0)	2774	DR Swap Complete	False (0x0)
2772	FR Swap Complete	False (0x0)	2775	FR Swap Complete	False (0x0)
2773	RDO Received from Sink	False (0x0)	2776	RDO Received from Sink	False (0x0)
2774	Built-In Self Test	False (0x0)	2777	Built-In Self Test	False (0x0)
2775	Overcurrent Event	False (0x0)	2778	Overcurrent Event	False (0x0)
2776	Attention Received	False (0x0)	2779	Attention Received	False (0x0)
2777	Vendor-Defined Message Received	False (0x0)	2780	Vendor-Defined Message Received	False (0x0)
2778	New Contract as Consumer	False (0x0)	2781	New Contract as Consumer	False (0x0)
2779	New Contract as Provider	False (0x0)	2782	New Contract as Provider	False (0x0)
2780	Source Capabilities Message Ready	False (0x0)	2783	Source Capabilities Message Ready	False (0x0)
2781	Sink Capabilities Message Ready	False (0x0)	2784	Sink Capabilities Message Ready	False (0x0)
2782	Low Voltage Warning	False (0x0)	2785	Low Voltage Warning	False (0x0)
2783	PR Swap Requested	False (0x0)	2786	PR Swap Requested	False (0x0)
2784	DR Swap Requested	False (0x0)	2787	DR Swap Requested	False (0x0)
2785	Goto Min Received	False (0x0)	2788	Goto Min Received	False (0x0)

2786	USB Host Present	False (0x0)	2789	USB Host Present	False (0x0)
2787	USB Host Present no longer	False (0x0)	2790	USB Host Present no longer	False (0x0)
2788	High Voltage Warning	False (0x0)	2791	High Voltage Warning	False (0x0)
2789	PP Switch Changed	False (0x0)	2792	PP Switch Changed	False (0x0)
2790	Power Status Update	False (0x0)	2793	Power Status Update	False (0x0)
2791	Data Status Update	True (0x1)	2794	Data Status Update	True (0x1)
2792	Status Update	False (0x0)	2795	Status Update	False (0x0)
2793	PD Status Update	False (0x0)	2796	PD Status Update	False (0x0)
2794	VCONN Swap Complete	False (0x0)	2797	VCONN Swap Complete	False (0x0)
2795	VCONN Swap Requested	False (0x0)	2798	VCONN Swap Requested	False (0x0)
2796	CMD1 Complete	False (0x0)	2799	CMD1 Complete	False (0x0)
2797	CMD2 Complete	False (0x0)	2800	CMD2 Complete	False (0x0)
2798	Error: Device Incompatible	False (0x0)	2801	Error: Device Incompatible	False (0x0)
2799	Error: Cannot Provide Voltage or Current	False (0x0)	2802	Error: Cannot Provide Voltage or Current	False (0x0)
2800	Error: Can Provide Voltage or Current Later	False (0x0)	2803	Error: Can Provide Voltage or Current Later	False (0x0)
2801	Error: Power Event Occurred	False (0x0)	2804	Error: Power Event Occurred	False (0x0)
2802	Error: Missing Get Capabilities Message	False (0x0)	2805	Error: Missing Get Capabilities Message	False (0x0)
2803	Error: Protocol Error	False (0x0)	2806	Error: Protocol Error	False (0x0)
2804	Error: Message Data	False (0x0)	2807	Error: Message Data	False (0x0)
2805	Error: Discharge Failed	False (0x0)	2808	Error: Discharge Failed	False (0x0)
2806	Sink Transition Complete	False (0x0)	2809	Sink Transition Complete	False (0x0)
2807	Error: Unable to Source	False (0x0)	2810	Error: Unable to Source	False (0x0)
2808	Error: BIST Message Ignored	False (0x0)	2811	Error: BIST Message Ignored	False (0x0)
2809	AM Entry Failure	False (0x0)	2812	AM Entry Failure	False (0x0)
2810	AM Entered	False (0x0)	2813	AM Entered	False (0x0)
2811	Vendor Defined Message Sent	False (0x0)	2814	Vendor Defined Message Sent	False (0x0)
2812	Discover Mode Complete	False (0x0)	2815	Discover Mode Complete	False (0x0)
2813	Exit Mode Complete	False (0x0)	2816	Exit Mode Complete	False (0x0)
2814	User SVID Mode Entered	False (0x0)	2817	User SVID Mode Entered	False (0x0)
2815	User SVID Mode Exited	False (0x0)	2818	User SVID Mode Exited	False (0x0)
2816	User SVID Attention VDM Received	False (0x0)	2819	User SVID Attention VDM Received	False (0x0)
2817	User SVID Other VDM Received	False (0x0)	2820	User SVID Other VDM Received	False (0x0)
2818	DP SID Status Update	False (0x0)	2821	DP SID Status Update	False (0x0)
2819	Intel VID Status Update	False (0x0)	2822	Intel VID Status Update	False (0x0)
2820	PD3 Status Update	False (0x0)	2823	PD3 Status Update	False (0x0)
2821	TX Mem Buffer Empty	False (0x0)	2824	TX Mem Buffer Empty	False (0x0)
2822	RX Mem Buffer Full	False (0x0)	2825	RX Mem Buffer Full	False (0x0)
2823	Custom VDM Arrive	False (0x0)	2826	Custom VDM Arrive	False (0x0)
2824	Custom AM Entered	False (0x0)	2827	Custom AM Entered	False (0x0)
2825	Custom VDM Message Sent	False (0x0)	2828	Custom VDM Message Sent	False (0x0)
2826	SOC ACK Timeout	False (0x0)	2829	SOC ACK Timeout	False (0x0)
2827	FRS Signal Received	False (0x0)	2830	FRS Signal Received	False (0x0)
2828	Chunk Response Received	False (0x0)	2831	Chunk Response Received	False (0x0)
2829	Chunk Request Received	False (0x0)	2832	Chunk Request Received	False (0x0)
2830	Alert Message Received	False (0x0)	2833	Alert Message Received	False (0x0)
2831	Common Interrupt Mask for I2C1		2834	Common Interrupt Mask for I2C1	
2832	Patch Loaded True (0x1)		2835	Patch Loaded True (0x1)	
2833	Ready for Patch False (0x0)		2836	Ready for Patch False (0x0)	
2834			2837		
2835	Interrupt Clear for I2C1 (0x18) - (0x1000000000000006800008)		2838	Interrupt Clear for I2C1 (0x18) - (0x100000000000000f802008)	
2836	Interrupt Event for I2C1		2839	Interrupt Event for I2C1	
2837	Interrupt Event for I2C1		2840	Interrupt Event for I2C1	
2838	Soft Reset	False (0x0)	2841	Soft Reset	False (0x0)
2839	Hard Reset	False (0x0)	2842	Hard Reset	False (0x0)
2840	Cable Reset Event	False (0x0)	2843	Cable Reset Event	False (0x0)
2841	Plug Insert or Removal	True (0x1)	2844	Plug Insert or Removal	True (0x1)
2842	PR Swap Complete	False (0x0)	2845	PR Swap Complete	False (0x0)
2843	DR Swap Complete	False (0x0)	2846	DR Swap Complete	False (0x0)
2844	FR Swap Complete	False (0x0)	2847	FR Swap Complete	False (0x0)
2845	RDO Received from Sink	False (0x0)	2848	RDO Received from Sink	False (0x0)
2846	Built-In Self Test	False (0x0)	2849	Built-In Self Test	False (0x0)
2847	Overcurrent Event	False (0x0)	2850	Overcurrent Event	False (0x0)
2848	Attention Received	False (0x0)	2851	Attention Received	False (0x0)
2849	Vendor-Defined Message Received	False (0x0)	2852	Vendor-Defined Message Received	False (0x0)
2850	New Contract as Consumer	False (0x0)	2853	New Contract as Consumer	False (0x0)
2851	New Contract as Provider	False (0x0)	2854	New Contract as Provider	True (0x1)
2852	Source Capabilities Message Ready	False (0x0)	2855	Source Capabilities Message Ready	False (0x0)
2853	Sink Capabilities Message Ready	False (0x0)	2856	Sink Capabilities Message Ready	False (0x0)

2854	Low Voltage Warning	False (0x0)	2857	Low Voltage Warning	False (0x0)
2855	PR Swap Requested	False (0x0)	2858	PR Swap Requested	False (0x0)
2856	DR Swap Requested	False (0x0)	2859	DR Swap Requested	False (0x0)
2857	Goto Min Received	False (0x0)	2860	Goto Min Received	False (0x0)
2858	USB Host Present	False (0x0)	2861	USB Host Present	False (0x0)
2859	USB Host Present no longer	False (0x0)	2862	USB Host Present no longer	False (0x0)
2860	High Voltage Warning	False (0x0)	2863	High Voltage Warning	False (0x0)
2861	PP Switch Changed	True (0x1)	2864	PP Switch Changed	True (0x1)
2862	Power Status Update	False (0x0)	2865	Power Status Update	True (0x1)
2863	Data Status Update	True (0x1)	2866	Data Status Update	True (0x1)
2864	Status Update	True (0x1)	2867	Status Update	True (0x1)
2865	PD Status Update	False (0x0)	2868	PD Status Update	True (0x1)
2866	VCONN Swap Complete	False (0x0)	2869	VCONN Swap Complete	False (0x0)
2867	VCONN Swap Requested	False (0x0)	2870	VCONN Swap Requested	False (0x0)
2868	CMD1 Complete	False (0x0)	2871	CMD1 Complete	False (0x0)
2869	CMD2 Complete	False (0x0)	2872	CMD2 Complete	False (0x0)
2870	Error: Device Incompatible	False (0x0)	2873	Error: Device Incompatible	False (0x0)
2871	Error: Cannot Provide Voltage or Current	False (0x0)	2874	Error: Cannot Provide Voltage or Current	False (0x0)
2872	Error: Can Provide Voltage or Current Later	False (0x0)	2875	Error: Can Provide Voltage or Current Later	False (0x0)
2873	Error: Power Event Occurred	False (0x0)	2876	Error: Power Event Occurred	False (0x0)
2874	Error: Missing Get Capabilities Message	False (0x0)	2877	Error: Missing Get Capabilities Message	False (0x0)
2875	Error: Protocol Error	False (0x0)	2878	Error: Protocol Error	False (0x0)
2876	Error: Message Data	False (0x0)	2879	Error: Message Data	False (0x0)
2877	Error: Discharge Failed	False (0x0)	2880	Error: Discharge Failed	False (0x0)
2878	Sink Transition Complete	False (0x0)	2881	Sink Transition Complete	False (0x0)
2879	Error: Unable to Source	False (0x0)	2882	Error: Unable to Source	False (0x0)
2880	Error: BIST Message Ignored	False (0x0)	2883	Error: BIST Message Ignored	False (0x0)
2881	AM Entry Failure	False (0x0)	2884	AM Entry Failure	False (0x0)
2882	AM Entered	False (0x0)	2885	AM Entered	False (0x0)
2883	Vendor Defined Message Sent	False (0x0)	2886	Vendor Defined Message Sent	False (0x0)
2884	Discover Mode Complete	False (0x0)	2887	Discover Mode Complete	False (0x0)
2885	Exit Mode Complete	False (0x0)	2888	Exit Mode Complete	False (0x0)
2886	User SVID Mode Entered	False (0x0)	2889	User SVID Mode Entered	False (0x0)
2887	User SVID Mode Exited	False (0x0)	2890	User SVID Mode Exited	False (0x0)
2888	User SVID Attention VDM Received	False (0x0)	2891	User SVID Attention VDM Received	False (0x0)
2889	User SVID Other VDM Received	False (0x0)	2892	User SVID Other VDM Received	False (0x0)
2890	DP SID Status Update	False (0x0)	2893	DP SID Status Update	False (0x0)
2891	Intel VID Status Update	False (0x0)	2894	Intel VID Status Update	False (0x0)
2892	PD3 Status Update	False (0x0)	2895	PD3 Status Update	False (0x0)
2893	TX Mem Buffer Empty	False (0x0)	2896	TX Mem Buffer Empty	False (0x0)
2894	RX Mem Buffer Full	False (0x0)	2897	RX Mem Buffer Full	False (0x0)
2895	Custom VDM Arrive	False (0x0)	2898	Custom VDM Arrive	False (0x0)
2896	Custom AM Entered	False (0x0)	2899	Custom AM Entered	False (0x0)
2897	Custom VDM Message Sent	False (0x0)	2900	Custom VDM Message Sent	False (0x0)
2898	SOC ACK Timeout	False (0x0)	2901	SOC ACK Timeout	False (0x0)
2899	FRS Signal Received	False (0x0)	2902	FRS Signal Received	False (0x0)
2900	Chunk Response Received	False (0x0)	2903	Chunk Response Received	False (0x0)
2901	Chunk Request Received	False (0x0)	2904	Chunk Request Received	False (0x0)
2902	Alert Message Received	False (0x0)	2905	Alert Message Received	False (0x0)
2903	Common Interrupt Mask for I2C1		2906	Common Interrupt Mask for I2C1	
2904	Patch Loaded True (0x1)		2907	Patch Loaded True (0x1)	
2905	Ready for Patch False (0x0)		2908	Ready for Patch False (0x0)	
2906			2909		
2907	Interrupt Clear for I2C2 (0x19) - (0x100000000000002000008)		2910	Interrupt Clear for I2C2 (0x19) - (0x100000000000002000008)	
2908	Interrupt Event for I2C2		2911	Interrupt Event for I2C2	
2909	Interrupt Event for I2C2		2912	Interrupt Event for I2C2	
2910	Soft Reset	False (0x0)	2913	Soft Reset	False (0x0)
2911	Hard Reset	False (0x0)	2914	Hard Reset	False (0x0)
2912	Cable Reset Event	False (0x0)	2915	Cable Reset Event	False (0x0)
2913	Plug Insert or Removal	True (0x1)	2916	Plug Insert or Removal	True (0x1)
2914	PR Swap Complete	False (0x0)	2917	PR Swap Complete	False (0x0)
2915	DR Swap Complete	False (0x0)	2918	DR Swap Complete	False (0x0)
2916	FR Swap Complete	False (0x0)	2919	FR Swap Complete	False (0x0)
2917	RDO Received from Sink	False (0x0)	2920	RDO Received from Sink	False (0x0)
2918	Built-In Self Test	False (0x0)	2921	Built-In Self Test	False (0x0)
2919	Overcurrent Event	False (0x0)	2922	Overcurrent Event	False (0x0)
2920	Attention Received	False (0x0)	2923	Attention Received	False (0x0)
2921	Vendor-Defined Message Received	False (0x0)	2924	Vendor-Defined Message Received	False (0x0)

LockedUp_TPS65988_FULL_Snapshot.bin - JustStartedWorking_TPS65988_FULL_Snapshot.bin					
2922	New Contract as Consumer	False (0x0)	2925	New Contract as Consumer	False (0x0)
2923	New Contract as Provider	False (0x0)	2926	New Contract as Provider	False (0x0)
2924	Source Capabilities Message Ready	False (0x0)	2927	Source Capabilities Message Ready	False (0x0)
2925	Sink Capabilities Message Ready	False (0x0)	2928	Sink Capabilities Message Ready	False (0x0)
2926	Low Voltage Warning	False (0x0)	2929	Low Voltage Warning	False (0x0)
2927	PR Swap Requested	False (0x0)	2930	PR Swap Requested	False (0x0)
2928	DR Swap Requested	False (0x0)	2931	DR Swap Requested	False (0x0)
2929	Goto Min Received	False (0x0)	2932	Goto Min Received	False (0x0)
2930	USB Host Present	False (0x0)	2933	USB Host Present	False (0x0)
2931	USB Host Present no longer	False (0x0)	2934	USB Host Present no longer	False (0x0)
2932	High Voltage Warning	False (0x0)	2935	High Voltage Warning	False (0x0)
2933	PP Switch Changed	False (0x0)	2936	PP Switch Changed	False (0x0)
2934	Power Status Update	False (0x0)	2937	Power Status Update	False (0x0)
2935	Data Status Update	True (0x1)	2938	Data Status Update	True (0x1)
2936	Status Update	False (0x0)	2939	Status Update	False (0x0)
2937	PD Status Update	False (0x0)	2940	PD Status Update	False (0x0)
2938	VCONN Swap Complete	False (0x0)	2941	VCONN Swap Complete	False (0x0)
2939	VCONN Swap Requested	False (0x0)	2942	VCONN Swap Requested	False (0x0)
2940	CMD1 Complete	False (0x0)	2943	CMD1 Complete	False (0x0)
2941	CMD2 Complete	False (0x0)	2944	CMD2 Complete	False (0x0)
2942	Error: Device Incompatible	False (0x0)	2945	Error: Device Incompatible	False (0x0)
2943	Error: Cannot Provide Voltage or Current	False (0x0)	2946	Error: Cannot Provide Voltage or Current	False (0x0)
2944	Error: Can Provide Voltage or Current Later	False (0x0)	2947	Error: Can Provide Voltage or Current Later	False (0x0)
2945	Error: Power Event Occurred	False (0x0)	2948	Error: Power Event Occurred	False (0x0)
2946	Error: Missing Get Capabilities Message	False (0x0)	2949	Error: Missing Get Capabilities Message	False (0x0)
2947	Error: Protocol Error	False (0x0)	2950	Error: Protocol Error	False (0x0)
2948	Error: Message Data	False (0x0)	2951	Error: Message Data	False (0x0)
2949	Error: Discharge Failed	False (0x0)	2952	Error: Discharge Failed	False (0x0)
2950	Sink Transition Complete	False (0x0)	2953	Sink Transition Complete	False (0x0)
2951	Error: Unable to Source	False (0x0)	2954	Error: Unable to Source	False (0x0)
2952	Error: BIST Message Ignored	False (0x0)	2955	Error: BIST Message Ignored	False (0x0)
2953	AM Entry Failure	False (0x0)	2956	AM Entry Failure	False (0x0)
2954	AM Entered	False (0x0)	2957	AM Entered	False (0x0)
2955	Vendor Defined Message Sent	False (0x0)	2958	Vendor Defined Message Sent	False (0x0)
2956	Discover Mode Complete	False (0x0)	2959	Discover Mode Complete	False (0x0)
2957	Exit Mode Complete	False (0x0)	2960	Exit Mode Complete	False (0x0)
2958	User SVID Mode Entered	False (0x0)	2961	User SVID Mode Entered	False (0x0)
2959	User SVID Mode Exited	False (0x0)	2962	User SVID Mode Exited	False (0x0)
2960	User SVID Attention VDM Received	False (0x0)	2963	User SVID Attention VDM Received	False (0x0)
2961	User SVID Other VDM Received	False (0x0)	2964	User SVID Other VDM Received	False (0x0)
2962	DP SID Status Update	False (0x0)	2965	DP SID Status Update	False (0x0)
2963	Intel VID Status Update	False (0x0)	2966	Intel VID Status Update	False (0x0)
2964	PD3 Status Update	False (0x0)	2967	PD3 Status Update	False (0x0)
2965	TX Mem Buffer Empty	False (0x0)	2968	TX Mem Buffer Empty	False (0x0)
2966	RX Mem Buffer Full	False (0x0)	2969	RX Mem Buffer Full	False (0x0)
2967	Custom VDM Arrive	False (0x0)	2970	Custom VDM Arrive	False (0x0)
2968	Custom AM Entered	False (0x0)	2971	Custom AM Entered	False (0x0)
2969	Custom VDM Message Sent	False (0x0)	2972	Custom VDM Message Sent	False (0x0)
2970	SOC ACK Timeout	False (0x0)	2973	SOC ACK Timeout	False (0x0)
2971	FRS Signal Received	False (0x0)	2974	FRS Signal Received	False (0x0)
2972	Chunk Response Received	False (0x0)	2975	Chunk Response Received	False (0x0)
2973	Chunk Request Received	False (0x0)	2976	Chunk Request Received	False (0x0)
2974	Alert Message Received	False (0x0)	2977	Alert Message Received	False (0x0)
2975	Common Interrupt Mask for I2C1		2978	Common Interrupt Mask for I2C1	
2976	Patch Loaded	True (0x1)	2979	Patch Loaded	True (0x1)
2977	Ready for Patch	False (0x0)	2980	Ready for Patch	False (0x0)
2978			2981		
2979	Status (0x1a) - (0x200007f)		2982	Status (0x1a) - (0x200007f)	
2980	Status		2983	Status	
2981	Plug Present	Plug present, see Conn State (below) for details. (0x1)	2984	Plug Present	Plug present, see Conn State (below) for details. (0x1)
2982	Conn State	Connection present, Ra detected (Rd and Ra detected) or Rp detected with	2985	Conn State	Connection present, Ra detected (Rd and Ra detected) or Rp detected with
2983	Plug Orientation	Upside-down orientation (plug CC on C_CC2). (0x1)	2986	Plug Orientation	Upside-down orientation (plug CC on C_CC2). (0x1)
2984	Port Role	PD Controller is Source (C_CCx pull-up active). (0x1)	2987	Port Role	PD Controller is Source (C_CCx pull-up active). (0x1)
2985	Data Role	PD Controller is DFP. (0x1)	2988	Data Role	PD Controller is DFP. (0x1)
2986	VBUS Status	VBUS is at vSafe0V (less than 0.8V) (0x0)	2989	VBUS Status	VBUS is at other PD-negotiated power level and within expected limits. Se
2987	USB Host Present	No far-end device present providing VBUS or PD Controller power role is S	2990	USB Host Present	No far-end device present providing VBUS or PD Controller power role is S
2988	Acting as Legacy	PD Controller is acting like a legacy source. It will not respond to USB	2991	Acting as Legacy	PD Controller is not in a legacy (non PD mode). (0x0)
2989	Go To Min Active	No PD contract established or GotoMin restriction has been cleared by Sou	2992	Go To Min Active	No PD contract established or GotoMin restriction has been cleared by Sou

2990	BIST	No BIST in progress (0x0)	2993	BIST	No BIST in progress (0x0)
2991	High Voltage Warning	PD Controller operating as Sink or VBUS voltage is below limit specified	2994	High Voltage Warning	PD Controller operating as Sink or VBUS voltage is below limit specified
2992	Low Voltage Warning	PD Controller operating as Sink or VBUS voltage is above limit specified	2995	Low Voltage Warning	PD Controller operating as Sink or VBUS voltage is above limit specified
2993	SOC ACK Timeout Occurred	Unknown (0x0) (0x0)	2996	SOC ACK Timeout Occurred	Unknown (0x0) (0x0)
2994	Alternative Mode Status	No Alternate Modes attempted. (0x0)	2997	Alternative Mode Status	No Alternate Modes attempted. (0x0)
2995			2998		
2996	Received Source Capabilities (0x30) - (0x1900000)		2999	Received Source Capabilities (0x30) - (0x1900000)	
2997	Received Source Capabilities		3000	Received Source Capabilities	
2998	Number of Source PDOs	0 (0x0)	3001	Number of Source PDOs	0 (0x0)
2999			3002		
3000	Received Sink Capabilities (0x31) - (0x1900000)		3003	Received Sink Capabilities (0x31) - (0x1900000)	
3001	Received Sink Capabilities		3004	Received Sink Capabilities	
3002	Number of Sink PDOs	0 (0x0)	3005	Number of Sink PDOs	0 (0x0)
3003			3006		
3004	Active Contract PDO (0x34) - (0x0)		3007	Active Contract PDO (0x34) - (0x2d12c)	
3005	Active Contract PDO		3008	Active Contract PDO	
3006	Maximum Current	0 A (0x0)	3009	Maximum Current	3 A (0x12c)
3007	Voltage	0 V (0x0)	3010	Voltage	9 V (0xb4)
3008	Peak Current	100% (0x0)	3011	Peak Current	100% (0x0)
3009	reserved	reserved, set 0 (0x0)	3012	reserved	reserved, set 0 (0x0)
3010	Supply Type	Fixed Source (0x0)	3013	Supply Type	Fixed Source (0x0)
3011			3014		
3012	Active Contract RDO (0x35) - (0x0)		3015	Active Contract RDO (0x35) - (0x2304b12c)	
3013	Active Contract RDO		3016	Active Contract RDO	
3014	Max/Min Operating Current	0 A (0x0)	3017	Max/Min Operating Current	3 A (0x12c)
3015	Operating Current	0 A (0x0)	3018	Operating Current	3 A (0x12c)
3016	No USB Suspend	False (0x0)	3019	No USB Suspend	True (0x1)
3017	USB Communication Capable	False (0x0)	3020	USB Communication Capable	True (0x1)
3018	Capability Mismatch	False (0x0)	3021	Capability Mismatch	False (0x0)
3019	Giveback Flag	False (0x0)	3022	Giveback Flag	False (0x0)
3020	Object Position	0 (0x0)	3023	Object Position	2 (0x2)
3021			3024		
3022	Sink Request RDO (0x36) - (0x0)		3025	Sink Request RDO (0x36) - (0x2304b12c)	
3023	Sink Request RDO		3026	Sink Request RDO	
3024	Max/Min Operating Current	0 A (0x0)	3027	Max/Min Operating Current	3 A (0x12c)
3025	Operating Current	0 A (0x0)	3028	Operating Current	3 A (0x12c)
3026	No USB Suspend	False (0x0)	3029	No USB Suspend	True (0x1)
3027	USB Communication Capable	False (0x0)	3030	USB Communication Capable	True (0x1)
3028	Capability Mismatch	False (0x0)	3031	Capability Mismatch	False (0x0)
3029	Giveback Flag	False (0x0)	3032	Giveback Flag	False (0x0)
3030	Object Position	0 (0x0)	3033	Object Position	2 (0x2)
3031			3034		
3032	Power Status (0x3f) - (0x109)		3035	Power Status (0x3f) - (0x10d)	
3033	Power Status		3036	Power Status	
3034	Power Connection	Connection Present (0x1)	3037	Power Connection	Connection Present (0x1)
3035	Source or Sink	Source (0x0)	3038	Source or Sink	Source (0x0)
3036	Type-C Current	3A Current (0x2)	3039	Type-C Current	PD Contract Negotiated (0x3)
3037	Charger Detect Status	Disabled or Not Run (0x0)	3040	Charger Detect Status	Disabled or Not Run (0x0)
3038	Charger Advertise Status	In Progress (0x1)	3041	Charger Advertise Status	In Progress (0x1)
3039			3042		
3040	PD Status (0x40) - (0x20)		3043	PD Status (0x40) - (0x61)	
3041	PD Status		3044	PD Status	
3042	Plug Details	USB Type-C full-featured plug (0x0)	3045	Plug Details	USB 2.0 Type-C plug (0x1)
3043	CC Pull-up	Not in CC pull-down mode / no CC pull-up detected. (0x0)	3046	CC Pull-up	Not in CC pull-down mode / no CC pull-up detected. (0x0)
3044	Port Type	Source (0x2)	3047	Port Type	Source (0x2)
3045	Present Role	Sink (0x0)	3048	Present Role	Source (0x1)
3046	Soft Reset Details	Reset value, no soft reset (0x0)	3049	Soft Reset Details	Reset value, no soft reset (0x0)
3047	Hard Reset Details	Reset value, no hard reset. (0x0)	3050	Hard Reset Details	Reset value, no hard reset. (0x0)
3048			3051		
3049	PD3.0 Status (0x41) - (0x0)		3052	PD3.0 Status (0x41) - (0x50800001)	
3050	PD3.0 Status		3053	PD3.0 Status	
3051	PD3.0 Status		3054	PD3.0 Status	
3052	Received Message not supported	0 (0x0)	3055	Received Message not supported	1 (0x1)
3053	Source Capabilities Received Message	0 (0x0)	3056	Source Capabilities Received Message	0 (0x0)
3054	Security Response Received Message	0 (0x0)	3057	Security Response Received Message	0 (0x0)
3055	Get Source Capabilities Received Message	0 (0x0)	3058	Get Source Capabilities Received Message	0 (0x0)
3056	Security Request Message received	0 (0x0)	3059	Security Request Message received	0 (0x0)
3057	Port Partner Negotiation SVDM received	PD Specification revision 1 (0x0)	3060	Port Partner Negotiation SVDM received	PD Specification revision 1 (0x0)

3058	Plug Partner Negotiation SVDM received	PD Specification	revision 1 (0x0)	3061	Plug Partner Negotiation SVDM received	PD Specification	revision 1 (0x0)
3059	Port Partner Negotiation received	PD Specification	revision 1 (0x0)	3062	Port Partner Negotiation received	PD Specification	revision 1 (0x0)
3060	Plug Partner Negotiation received	PD Specification	revision 1 (0x0)	3063	Plug Partner Negotiation received	PD Specification	revision 1 (0x0)
3061	Unchunked messages	0 (0x0)		3064	Unchunked messages	0 (0x0)	
3062				3065			
3063	RX Identity SOP (0x48) - (0x0)			3066	RX Identity SOP (0x48) - (0x80)		
3064	RX Identity SOP			3067	RX Identity SOP		
3065	VDO configuration			3068	VDO configuration		
3066	Number of valid VDOs 0 (0x0)			3069	Number of valid VDOs 0 (0x0)		
3067	SOP Message Source SOP Discover Identity request not sent or pending. (0x0)			3070	SOP Message Source Responder NAK received or response timeout. (0x2)		
3068	Received VDO			3071	Received VDO		
3069	IDO Header			3072	IDO Header		
3070	USB Vendor ID 0x0 (0x0)			3073	USB Vendor ID 0x0 (0x0)		
3071	Connector Type Reserved Legacy (0x0)			3074	Connector Type Reserved Legacy (0x0)		
3072	Product Type (DFP) Undefined (0x0)			3075	Product Type (DFP) Undefined (0x0)		
3073	Modal Operation Supported False (0x0)			3076	Modal Operation Supported False (0x0)		
3074	Product Type (UFP) Undefined (0x0)			3077	Product Type (UFP) Undefined (0x0)		
3075	Data Capable as USB Device False (0x0)			3078	Data Capable as USB Device False (0x0)		
3076	Data Capable as USB Host False (0x0)			3079	Data Capable as USB Host False (0x0)		
3077	Product Vendor Defined Object			3080	Product Vendor Defined Object		
3078	BCD Device 0x0 (0x0)			3081	BCD Device 0x0 (0x0)		
3079	USB Product ID 0x0 (0x0)			3082	USB Product ID 0x0 (0x0)		
3080	Alternate Mode Adapter VDO			3083	Alternate Mode Adapter VDO		
3081	USB SS Signalling USB 2.0 Only (0x0)			3084	USB SS Signalling USB 2.0 Only (0x0)		
3082	VBus Required False (0x0)			3085	VBus Required False (0x0)		
3083	VConn Required False (0x0)			3086	VConn Required False (0x0)		
3084	VConn Power 1 W (0x0)			3087	VConn Power 1 W (0x0)		
3085	SSRx 2 Directionality Fixed (0x0)			3088	SSRx 2 Directionality Fixed (0x0)		
3086	SSRx 1 Directionality Fixed (0x0)			3089	SSRx 1 Directionality Fixed (0x0)		
3087	SSTx 2 Directionality Fixed (0x0)			3090	SSTx 2 Directionality Fixed (0x0)		
3088	SSTx 1 Directionality Fixed (0x0)			3091	SSTx 1 Directionality Fixed (0x0)		
3089	AMA Firmware Version 0x0 (0x0)			3092	AMA Firmware Version 0x0 (0x0)		
3090	AMA Hardware Version 0x0 (0x0)			3093	AMA Hardware Version 0x0 (0x0)		
3091	Certification Test ID 0x0 (0x0)			3094	Certification Test ID 0x0 (0x0)		
3092	UFP IDO VDO #5 0x0 (0x0)			3095	UFP IDO VDO #5 0x0 (0x0)		
3093	UFP IDO VDO #6 0x0 (0x0)			3096	UFP IDO VDO #6 0x0 (0x0)		
3094				3097			
3095	Received SOP Prime Identity Data Object (0x49) - (0x0)			3098	Received SOP Prime Identity Data Object (0x49) - (0x8204000000000000000000001800000044)		
3096	Received SOP Prime Identity Data Object			3099	Received SOP Prime Identity Data Object		
3097	Record Counts			3100	Record Counts		
3098	Number of Received Identity Objects 0 (0x0)			3101	Number of Received Identity Objects 4 (0x4)		
3099	Received SOP Prime Discover Identity Response			3102	Received SOP Prime Discover Identity Response		
3100	SOP Prime IDO Header			3103	SOP Prime IDO Header		
3101	USB Vendor ID 0x0 (0x0)			3104	USB Vendor ID 0x0 (0x0)		
3102	Connector Type Reserved Legacy (0x0)			3105	Connector Type Reserved Legacy (0x0)		
3103	Product Type (DFP) Undefined (0x0)			3106	Product Type (DFP) Undefined (0x0)		
3104	Modal Operation Supported False (0x0)			3107	Modal Operation Supported False (0x0)		
3105	Product Type (UFP) Undefined (0x0)			3108	Product Type (UFP) Undefined (0x0)		
3106	Data Capable as USB Device False (0x0)			3109	Data Capable as USB Device False (0x0)		
3107	Data Capable as USB Host False (0x0)			3110	Data Capable as USB Host False (0x0)		
3108	Product Vendor Defined Object			3111	Product Vendor Defined Object		
3109	BCD Device 0x0 (0x0)			3112	BCD Device 0x0 (0x0)		
3110	USB Product ID 0x0 (0x0)			3113	USB Product ID 0x0 (0x0)		
3111	Cable Vendor Defined Object			3114	Cable Vendor Defined Object		
3112	USB SS Signalling USB 2.0 Only (0x0)			3115	USB SS Signalling USB 2.0 Only (0x0)		
3113	VBus Current Handling Capability Reserved (0x0)			3116	VBus Current Handling Capability Reserved (0x0)		
3114	Maximum Vbus Voltage 20V (0x0)			3117	Maximum Vbus Voltage 20V (0x0)		
3115	Cable Termination Type Both Ends Passive, VConn Not Required (0x0)			3118	Cable Termination Type Both Ends Passive, VConn Not Required (0x0)		
3116	Cable Latency reserved (0000b) (0x0)			3119	Cable Latency reserved (0000b) (0x0)		
3117	Type-C Plug to Type-C/Captive reserved (0x0)			3120	Type-C Plug to Type-C/Captive reserved (0x0)		
3118	VDO version 0x0 (0x0)			3121	VDO version 0x0 (0x0)		
3119	Cable Firmware Version 0x0 (0x0)			3122	Cable Firmware Version 0x0 (0x0)		
3120	Cable Hardware Version 0x0 (0x0)			3123	Cable Hardware Version 0x0 (0x0)		
3121	Certification Test ID 0x0 (0x0)			3124	Certification Test ID 0x0 (0x0)		
3122	SOP Prime IDO VDO #5 0x0 (0x0)			3125	SOP Prime IDO VDO #5 0x0 (0x0)		
3123	SOP Prime IDO VDO #6 0x0 (0x0)			3126	SOP Prime IDO VDO #6 0x0 (0x0)		
3124				3127			
3125	RX Attention structured VDM (0x4e) - (0x0)			3128	RX Attention structured VDM (0x4e) - (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 disabled (0x0)
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 (0x0)
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 disabled (0x0)
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_HPD 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 disabled (0x0)
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_HPD since last status (0x0)
3238	reserved	reserved (0x0)
3239	DP Configure to Plug	
3240	Select Configuration	Set configuration for USB (0x0)
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 (0x0)
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)

3197	Exit DisplayPort Mode Request	Maintain current mode (0x0)
3198	HPD State	HPD_Low (0x0)
3199	IRQ HPD	No IRQ_HPD since last status (0x0)
3200	reserved	reserved (0x0)
3201	DP Status RX	
3202	Connection Status	Neither DFP_D or UFP_D connected (0x0)
3203	Power Low	Adapter is functioning normally or disabled (0x0)
3204	Enabled	DP functionality is Disabled (0x0)
3205	Multi-function Preferred	No Preference for Multi-function (0x0)
3206	USB Configuration Request	Maintain current configuration (0x0)
3207	Exit DisplayPort Mode Request	Maintain current mode (0x0)
3208	HPD State	HPD_Low (0x0)
3209	IRQ HPD	No IRQ_HPD since last status (0x0)
3210	reserved	reserved (0x0)
3211	DP Configure	
3212	Select Configuration	Set configuration for USB (0x0)
3213	Supports DP v1.3 signalling	False (0x0)
3214	Supports USB Gen 2 signalling	False (0x0)
3215	DFPD Receptacle or UFPD Plug Pin Assignment	(none) (0x0)
3216	UFPD Receptacle or DFPD Plug Pin Assignment	(none) (0x0)
3217	reserved	reserved (0x0)
3218	DP Mode Data	
3219	Port Capability	Reserved (0x0)
3220	Supports DP v1.3 signalling	False (0x0)
3221	Supports USB Gen 2 signalling	False (0x0)
3222	DFPD Receptacle or UFPD Plug Pin Assignment	(none) (0x0)
3223	UFPD Receptacle or DFPD Plug Pin Assignment	(none) (0x0)
3224	reserved	reserved (0x0)
3225	DP Status To Plug	
3226	Connection Status	Neither DFP_D or UFP_D connected (0x0)
3227	Power Low	Adapter is functioning normally or disabled (0x0)
3228	Enabled	DP functionality is Disabled (0x0)
3229	Multi-function Preferred	No Preference for Multi-function (0x0)
3230	USB Configuration Request	Maintain current configuration (0x0)
3231	Exit DisplayPort Mode Request	Maintain current mode (0x0)
3232	HPD State	HPD_Low (0x0)
3233	IRQ HPD	No IRQ_HPD since last status (0x0)
3234	reserved	reserved (0x0)
3235	DP Status ACK From Plug	
3236	Connection Status	Neither DFP_D or UFP_D connected (0x0)
3237	Power Low	Adapter is functioning normally or disabled (0x0)
3238	Enabled	DP functionality is Disabled (0x0)
3239	Multi-function Preferred	No Preference for Multi-function (0x0)
3240	USB Configuration Request	Maintain current configuration (0x0)
3241	Exit DisplayPort Mode Request	Maintain current mode (0x0)
3242	HPD State	HPD_Low (0x0)
3243	IRQ HPD	No IRQ_HPD since last status (0x0)
3244	reserved	reserved (0x0)
3245	DP Configure to Plug	
3246	Select Configuration	Set configuration for USB (0x0)
3247	Supports DP v1.3 signalling	False (0x0)
3248	Supports USB Gen 2 signalling	False (0x0)
3249	DFPD Receptacle or UFPD Plug Pin Assignment	(none) (0x0)
3250	UFPD Receptacle or DFPD Plug Pin Assignment	(none) (0x0)
3251	reserved	reserved (0x0)
3252	DP Configure ACK From Plug	
3253	Select Configuration	Set configuration for USB (0x0)
3254	Supports DP v1.3 signalling	False (0x0)
3255	Supports USB Gen 2 signalling	False (0x0)
3256	DFPD Receptacle or UFPD Plug Pin Assignment	(none) (0x0)
3257	UFPD Receptacle or DFPD Plug Pin Assignment	(none) (0x0)
3258	reserved	reserved (0x0)
3259	DP Mode Data, SOP Prime	
3260	Port Capability	Reserved (0x0)
3261	Supports DP v1.3 signalling	False (0x0)
3262	Supports USB Gen 2 signalling	False (0x0)
3263	DFPD Receptacle or UFPD Plug Pin Assignment	(none) (0x0)
3264	UFPD Receptacle or DFPD Plug Pin Assignment	(none) (0x0)

LockedUp_TPS65988_FULL_Snapshot.bin - JustStartedWorking_TPS65988_FULL_Snapshot.bin			
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		
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			
3271	RX 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			
3294	RX 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) - (0x60020102)		
3318	Type C State Register		
3319	CC Pin For PD C_CC2 is CC pin (0x2)		
3320	CC1 Pin State Ra detected (Source only) (0x1)		
3321	CC2 Pin State Rd detected (Source only) (0x2)		
3322	Type C Port State Attached SRC (0x60)		
3323			
3324	ADC results Register (0x6a) - (0x0)		
3325	ADC results		
3326	ADC conversion results		

3265	reserved	reserved (0x0)	
3266	DP SID Detected DP SID not detected (0x0)		
3267	DP Mode Active 0x0 (0x0)		
3268	Error Code 0x0 (0x0)		
3269			
3270	TI VID Status Register (0x5b) - (0x0)		
3271	TI Mode Status		
3272	Texas Instruments VID Status		
3273	TI VID Status False (0x0)		
3274	TI PDIO Status False (0x0)		
3275	TI VID Error Code 0x0 (0x0)		
3276			
3277	RX User VID Attention VDM Register (0x60) - (0x0)		
3278	RX User VID Attention VDM Register		
3279	RX Attention Status		
3280	Number of Valid VDOs 0 (0x0)		
3281	Number of Register Updates 0 (0x0)		
3282	Data Objects Received		
3283	Data Object 1		
3284	Payload 0x0 (0x0)		
3285	Type Unstructured (0x0)		
3286	SVID 0x0 (0x0)		
3287	Data Object 2		
3288	Data Object 2 0x0 (0x0)		
3289	Data Object 3		
3290	Data Object 3 0x0 (0x0)		
3291	Data Object 4		
3292	Data Object 4 0x0 (0x0)		
3293	Data Object 5		
3294	Data Object 5 0x0 (0x0)		
3295	Data Object 6		
3296	Data Object 6 0x0 (0x0)		
3297	Data Object 7		
3298	Data Object 7 0x0 (0x0)		
3299			
3300	RX User VID Other VDM Register (0x61) - (0x0)		
3301	RX User VID Other VDM Register		
3302	RX VDM Status		
3303	Number of Valid VDOs 0 (0x0)		
3304	Number of Register Updates 0 (0x0)		
3305	Data Objects Received		
3306	Data Object 1		
3307	Payload 0x0 (0x0)		
3308	Type Unstructured (0x0)		
3309	SVID 0x0 (0x0)		
3310	Data Object 2		
3311	Data Object 2 0x0 (0x0)		
3312	Data Object 3		
3313	Data Object 3 0x0 (0x0)		
3314	Data Object 4		
3315	Data Object 4 0x0 (0x0)		
3316	Data Object 5		
3317	Data Object 5 0x0 (0x0)		
3318	Data Object 6		
3319	Data Object 6 0x0 (0x0)		
3320	Data Object 7		
3321	Data Object 7 0x0 (0x0)		
3322			
3323	Type C State Register (0x69) - (0x60020102)		
3324	Type C State Register		
3325	CC Pin For PD C_CC2 is CC pin (0x2)		
3326	CC1 Pin State Ra detected (Source only) (0x1)		
3327	CC2 Pin State Rd detected (Source only) (0x2)		
3328	Type C Port State Attached SRC (0x60)		
3329			
3330	ADC results Register (0x6a) - (0x0)		
3331	ADC results		
3332	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)	
3334	Received Manufacturer Info Data Block SOP	
3335	VID	0x0 (0x0)
3336	PID	0x0 (0x0)
3337	ManufacturerString	0x0 (0x0)
3338		
3339	GPIO Status Register (0x72) - (0xf0e700000046)	
3340	GPIO Status Register	
3341	GPIO0 Data	0x0 (0x0)
3342	GPIO1 Data	0x1 (0x1)
3343	GPIO2 Data	0x1 (0x1)
3344	GPIO3 Data	0x0 (0x0)
3345	GPIO4 Data	0x0 (0x0)
3346	GPIO5 Data	0x0 (0x0)
3347	GPIO6 Data	0x1 (0x1)
3348	GPIO7 Data	0x0 (0x0)
3349	GPIO8 Data	0x0 (0x0)
3350	GPIO9 Data	0x0 (0x0)
3351	GPIO10 Data	0x0 (0x0)
3352	GPIO11 Data	0x0 (0x0)
3353	GPIO12 Data	0x0 (0x0)
3354	GPIO13 Data	0x0 (0x0)
3355	GPIO14 Data	0x0 (0x0)
3356	GPIO15 Data	0x0 (0x0)
3357	GPIO16 Data	0x0 (0x0)
3358	GPIO17 Data	0x0 (0x0)
3359	GPIO18 Data	0x0 (0x0)
3360	GPIO19 Data	0x0 (0x0)
3361	GPIO20 Data	0x0 (0x0)
3362	GPIO21 Data	0x0 (0x0)
3363	GPIO0 Direction	0x1 (0x1)
3364	GPIO1 Direction	0x1 (0x1)
3365	GPIO2 Direction	0x1 (0x1)
3366	GPIO3 Direction	0x0 (0x0)
3367	GPIO4 Direction	0x0 (0x0)
3368	GPIO5 Direction	0x1 (0x1)
3369	GPIO6 Direction	0x1 (0x1)
3370	GPIO7 Direction	0x1 (0x1)
3371	GPIO8 Direction	0x0 (0x0)
3372	GPIO9 Direction	0x0 (0x0)
3373	GPIO10 Direction	0x0 (0x0)
3374	GPIO11 Direction	0x0 (0x0)
3375	GPIO12 Direction	0x1 (0x1)
3376	GPIO13 Direction	0x1 (0x1)
3377	GPIO14 Direction	0x1 (0x1)
3378	GPIO15 Direction	0x1 (0x1)
3379	GPIO16 Direction	0x0 (0x0)
3380	GPIO17 Direction	0x0 (0x0)
3381	GPIO18 Direction	0x0 (0x0)
3382	GPIO19 Direction	0x0 (0x0)
3383	GPIO20 Direction	0x0 (0x0)
3384	GPIO21 Direction	0x0 (0x0)
3385		
3386	Received Alert Data Object (ADO) Register (0x74) - (0x0)	
3387	Received Alert Data Object (ADO) Register	
3388	Hot Swap Batteries	0x0 (0x0)
3389	Fixed Batteries	0x0 (0x0)
3390	Alert Type	0x0 (0x0)
3391		
3392	Transmit Alert Data Object (ADO) Register (0x75) - (0x0)	
3393	Transmit Alert Data Object (ADO) Register	
3394	Hot Swap Batteries	0x0 (0x0)

3333	Single ADC conversion	0 (0x0)
3334	Channel 1 ADC conversion	0 (0x0)
3335	Channel 2 ADC conversion	0 (0x0)
3336	Channel 3 ADC conversion	0 (0x0)
3337	Channel 4 ADC conversion	0 (0x0)
3338		
3339	Received Manufacturer Info Data Block SOP (0x71) - (0x0)	
3340	Received Manufacturer Info Data Block SOP	
3341	VID	0x0 (0x0)
3342	PID	0x0 (0x0)
3343	ManufacturerString	0x0 (0x0)
3344		
3345	GPIO Status Register (0x72) - (0xf0e700009046)	
3346	GPIO Status Register	
3347	GPIO0 Data	0x0 (0x0)
3348	GPIO1 Data	0x1 (0x1)
3349	GPIO2 Data	0x1 (0x1)
3350	GPIO3 Data	0x0 (0x0)
3351	GPIO4 Data	0x0 (0x0)
3352	GPIO5 Data	0x0 (0x0)
3353	GPIO6 Data	0x1 (0x1)
3354	GPIO7 Data	0x0 (0x0)
3355	GPIO8 Data	0x0 (0x0)
3356	GPIO9 Data	0x0 (0x0)
3357	GPIO10 Data	0x0 (0x0)
3358	GPIO11 Data	0x0 (0x0)
3359	GPIO12 Data	0x1 (0x1)
3360	GPIO13 Data	0x0 (0x0)
3361	GPIO14 Data	0x0 (0x0)
3362	GPIO15 Data	0x1 (0x1)
3363	GPIO16 Data	0x0 (0x0)
3364	GPIO17 Data	0x0 (0x0)
3365	GPIO18 Data	0x0 (0x0)
3366	GPIO19 Data	0x0 (0x0)
3367	GPIO20 Data	0x0 (0x0)
3368	GPIO21 Data	0x0 (0x0)
3369	GPIO0 Direction	0x1 (0x1)
3370	GPIO1 Direction	0x1 (0x1)
3371	GPIO2 Direction	0x1 (0x1)
3372	GPIO3 Direction	0x0 (0x0)
3373	GPIO4 Direction	0x0 (0x0)
3374	GPIO5 Direction	0x1 (0x1)
3375	GPIO6 Direction	0x1 (0x1)
3376	GPIO7 Direction	0x1 (0x1)
3377	GPIO8 Direction	0x0 (0x0)
3378	GPIO9 Direction	0x0 (0x0)
3379	GPIO10 Direction	0x0 (0x0)
3380	GPIO11 Direction	0x0 (0x0)
3381	GPIO12 Direction	0x1 (0x1)
3382	GPIO13 Direction	0x1 (0x1)
3383	GPIO14 Direction	0x1 (0x1)
3384	GPIO15 Direction	0x1 (0x1)
3385	GPIO16 Direction	0x0 (0x0)
3386	GPIO17 Direction	0x0 (0x0)
3387	GPIO18 Direction	0x0 (0x0)
3388	GPIO19 Direction	0x0 (0x0)
3389	GPIO20 Direction	0x0 (0x0)
3390	GPIO21 Direction	0x0 (0x0)
3391		
3392	Received Alert Data Object (ADO) Register (0x74) - (0x0)	
3393	Received Alert Data Object (ADO) Register	
3394	Hot Swap Batteries	0x0 (0x0)
3395	Fixed Batteries	0x0 (0x0)
3396	Alert Type	0x0 (0x0)
3397		
3398	Transmit Alert Data Object (ADO) Register (0x75) - (0x0)	
3399	Transmit Alert Data Object (ADO) Register	
3400	Hot Swap Batteries	0x0 (0x0)

3395	Fixed Batteries	0x0 (0x0)
3396	Alert Type	0x0 (0x0)
3397		
3398	Received Source Capabilities Extended Data Block (SCEDB) Register (0x76) - (0x0)	
3399	Received Source Capabilities Extended Data Block (SCEDB) Register	
3400	VID	0x0 (0x0)
3401	PID	0x0 (0x0)
3402	PXD	0x0 (0x0)
3403	FW Version	0x0 (0x0)
3404	HW Version	0x0 (0x0)
3405	VoltageRegulation	0x0 (0x0)
3406	Holdup Time	0x0 (0x0)
3407	Compliance	0x0 (0x0)
3408	TouchCurrent	0x0 (0x0)
3409	Peak Current 1	0x0 (0x0)
3410	Peak Current 2	0x0 (0x0)
3411	Peak Current 3	0x0 (0x0)
3412	Touch Temperature	0x0 (0x0)
3413	Source Inputs	0x0 (0x0)
3414	Batteries	0x0 (0x0)
3415	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)

3401	Fixed Batteries	0x0 (0x0)
3402	Alert Type	0x0 (0x0)
3403		
3404	Received Source Capabilities Extended Data Block (SCEDB) Register (0x76) - (0x0)	
3405	Received Source Capabilities Extended Data Block (SCEDB) Register	
3406	VID	0x0 (0x0)
3407	PID	0x0 (0x0)
3408	PXD	0x0 (0x0)
3409	FW Version	0x0 (0x0)
3410	HW Version	0x0 (0x0)
3411	VoltageRegulation	0x0 (0x0)
3412	Holdup Time	0x0 (0x0)
3413	Compliance	0x0 (0x0)
3414	TouchCurrent	0x0 (0x0)
3415	Peak Current 1	0x0 (0x0)
3416	Peak Current 2	0x0 (0x0)
3417	Peak Current 3	0x0 (0x0)
3418	Touch Temperature	0x0 (0x0)
3419	Source Inputs	0x0 (0x0)
3420	Batteries	0x0 (0x0)
3421	Source PD Power	0 W (0x0)
3422		
3423	Received Status Data Block (SDB) Register (0x78) - (0x0)	
3424	Received Status Data Block (SDB) Register	
3425	Internal Temperature	0 (0x0)
3426	Present Input	0x0 (0x0)
3427	Present Battery Input	0x0 (0x0)
3428	Event Flags	0x0 (0x0)
3429	Temperature Status	0x0 (0x0)
3430		
3431	Transmitted Status Data Block (SDB) Register (0x79) - (0x0)	
3432	Transmitted Status Data Block (SDB) Register	
3433	Internal Temperature	0 (0x0)
3434	Present Input	0x0 (0x0)
3435	Present Battery Input	0x0 (0x0)
3436	Event Flags	0x0 (0x0)
3437	Temperature Status	0x0 (0x0)
3438		
3439	Received Battery Status Data Objects (BSDO) Register (0x7a) - (0x0)	
3440	Received Battery Status Data Objects (BSDO) Register	
3441	Battery Info	0 (0x0)
3442	Battery State of Charge (SOC)	0x0 (0x0)
3443	Latest BSDO Fixed Battery 0	0x0 (0x0)
3444	Latest BSDO Fixed Battery 1	0x0 (0x0)
3445	Latest BSDO Fixed Battery 2	0x0 (0x0)
3446	Latest BSDO Fixed Battery 3	0x0 (0x0)
3447	Latest BSDO Hot-Swappable Battery 0	0x0 (0x0)
3448	Latest BSDO Hot-Swappable Battery 1	0x0 (0x0)
3449	Latest BSDO Hot-Swappable Battery 2	0x0 (0x0)
3450	Latest BSDO Hot-Swappable Battery 3	0x0 (0x0)
3451		
3452	Transmitted Battery Status Data Objects (BSDO) Register (0x7b) - (0x0)	
3453	Transmitted Battery Status Data Objects (BSDO) Register	
3454	Battery Info	0 (0x0)
3455	Battery State of Charge (SOC)	0x0 (0x0)
3456	Latest BSDO Fixed Battery 0	0x0 (0x0)
3457	Latest BSDO Fixed Battery 1	0x0 (0x0)
3458	Latest BSDO Fixed Battery 2	0x0 (0x0)
3459	Latest BSDO Fixed Battery 3	0x0 (0x0)
3460	Latest BSDO Hot-Swappable Battery 0	0x0 (0x0)
3461	Latest BSDO Hot-Swappable Battery 1	0x0 (0x0)
3462	Latest BSDO Hot-Swappable Battery 2	0x0 (0x0)
3463	Latest BSDO Hot-Swappable Battery 3	0x0 (0x0)
3464		
3465	Received Battery Capability Data Block (BCDB) Register (0x7c) - (0x0)	
3466	Received Battery Capability Data Block (BCDB) Register	
3467	VID	0 (0x0)
3468	PID	0x0 (0x0)

LockedUp_TPS65988_FULL_Snapshot.bin - JustStartedWorking_TPS65988_FULL_Snapshot.bin

[illegible]