

Application Customization Tool

Project Binary Device Settings Adapter Debug Documents Help

General Settings Port Settings

Configuration Mode

GUI Build Version : 6.1.1

Configuration File Version : 6.1.1

Configuration File Supported Device : TPS65987DDH (Standard)

Configuration File Name: TPS65987DDH_Standard_v6_1_1.tpl

USB to I2C/SPI Adapter : FTDI

Customer Use	Global System Configuration (0x27)
Global System Configuration	
Port Configuration	
Port Control	
Transmit Source Capabilities	
Transmit Sink Capabilities	
PD3 Configuration Register	
Transmit Identity Data Object	
Display Port Capabilities	
I/O Config	
Tx Manufacturer Info SOP	
Tx Source Capabilities Extended Data Block	
Raw View	

Field	Value
PP Cable 1 Switch Config	PP Cable Switch as Output, Guaranteed 4.5-5.5V
PP 1 Switch Config	PP Switch Disabled
PP 2 Switch Config	PP Switch as Sink or Source
PP 3 Switch Config	PP Switch Disabled
PP 4 Switch Config	PP Switch Disabled
Power Duo Mode	☐
External Processor	Default
TBT Controller I2C Port	I2C1

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USB to I2C/SPI Adapter : FTDI

Customer Use	Port Configuration (0x28)
Global System Configuration	
Port Configuration	
Port Control	
Transmit Source Capabilities	
Transmit Sink Capabilities	
PD3 Configuration Register	
Transmit Identity Data Object	
Display Port Capabilities	
I/O Config	
Tx Manufacturer Info SOP	
Tx Source Capabilities Extended Data Block	
Raw View	

Field	Value
Port Configuration	DFP
Audio Accessory Support	☒
Debug Accessory Support	☒
Type-C Supported Options	No Options
USB3.0/3.1 Rate	USB3 Gen2 signaling rate supported
Voltage Threshold as Sink Contract	0

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Port Control (0x29)

Field	Value
Type-C Current	3 A (strongest pullup)
Power Swap Strategy	No Preference, Rejects All Swaps
Data Swap Strategy	No Preference, Rejects All Swaps
Externally Powered	☐
Sink Control Bit	☐
Charger Advertise Enable	Charger Advertise Disabled
Charger Detect Enable	Charger Detect Disabled

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Tx Source Capabilities Extended Data Block

Raw View

Transmit Source Capabilities (0x32)

Bank 0 Settings

Number of Bank 0 Source PDOs

1

Source PDO 1

Field	Value
Switch Source	PP2 sources this PDO
Maximum Current	3 A
Voltage	5 V
Peak Current	100%
Unchunked Extended Msg Supported	☒
USB Capable	☐
USB Suspend Supported	☐
Supply Type	Fixed Source

