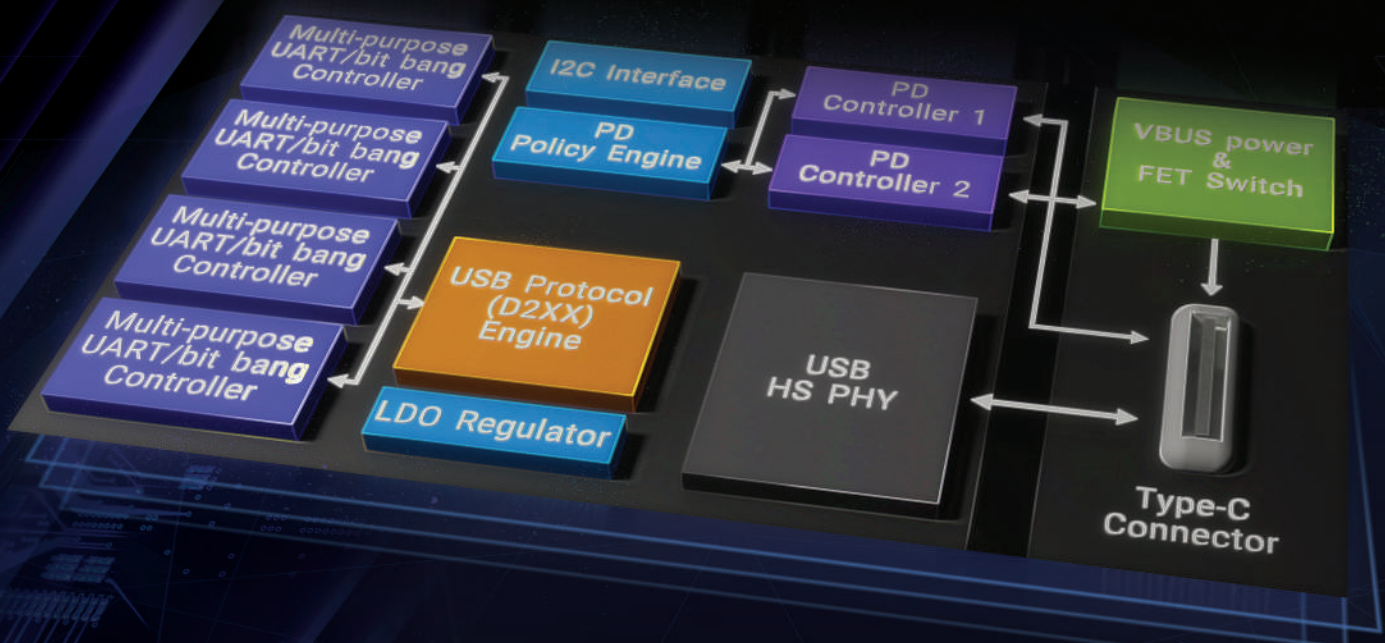


Power Delivery Series

HI-SPEED USB BRIDGE with
ENHANCED POWER DELIVERY



The Power Delivery series has up to two Type-C/PD ports, with PD1 port supporting both power sink and source roles (Initial Sink), and PD2 port only supporting a power sink port role.

Both PD ports support 5V, 9V, 12V, 15V and 20V PDO profiles, and these profiles are configurable through the external EEPROM at power-up or reset. PD1 port shares the same Type-C connector with USB data, and PD2 port is power port only without USB data.

	Application Interface	Channels	Power Delivery Ports	EEPROM	Data Throughput (Max)	Package
FT232HP	UART ASYNC FIFO SYNC FIFO MPSSE	1	1	External	12MBaud 8MByte/s 40MByte/s 30Mbit/s	56 QFN
FT233HP	UART ASYNC FIFO SYNC FIFO MPSSE	1	2	External	12MBaud 8MByte/s 40MByte/s 30Mbit/s	64 QFN
FT2232HP	UART ASYNC FIFO SYNC FIFO MPSSE x 2	2	1	External	12MBaud 8MByte/s 40MByte/s 30Mbit/s	68 QFN
FT2233HP	UART ASYNC FIFO SYNC FIFO MPSSE x 2	2	2	External	12MBaud 8MByte/s 40MByte/s 30Mbit/s	76 QFN
FT4232HP	UART MPSSE x2	4	1	External	12MBaud 30Mbit/s	68 QFN
FT4233HP	UART MPSSE x2	4	2	External	12MBaud 30Mbit/s	76 QFN

*IO Levels 3.3V (5V tolerant)
Typical operating current 70mA
Extended Temperature Range: -40 degrees celsius to +85 degrees celsius*

In addition to the higher data rates these devices offer, (up to 40Mbytes/s) when compared to full speed solutions, the Hi-speed series also offers a range of multi-channel interfacing. The benefit of a multi-channel bridge is that the system BOM is reduced by removing the need for a USB hub chip.

Additionally, each channel of the device appears to the host PC as a separate device enabling each channel to be independently configured for different modes, e.g. UART, MPSSE or FIFO and with different parameters such as 4 UARTS all operating with different baud rates.

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