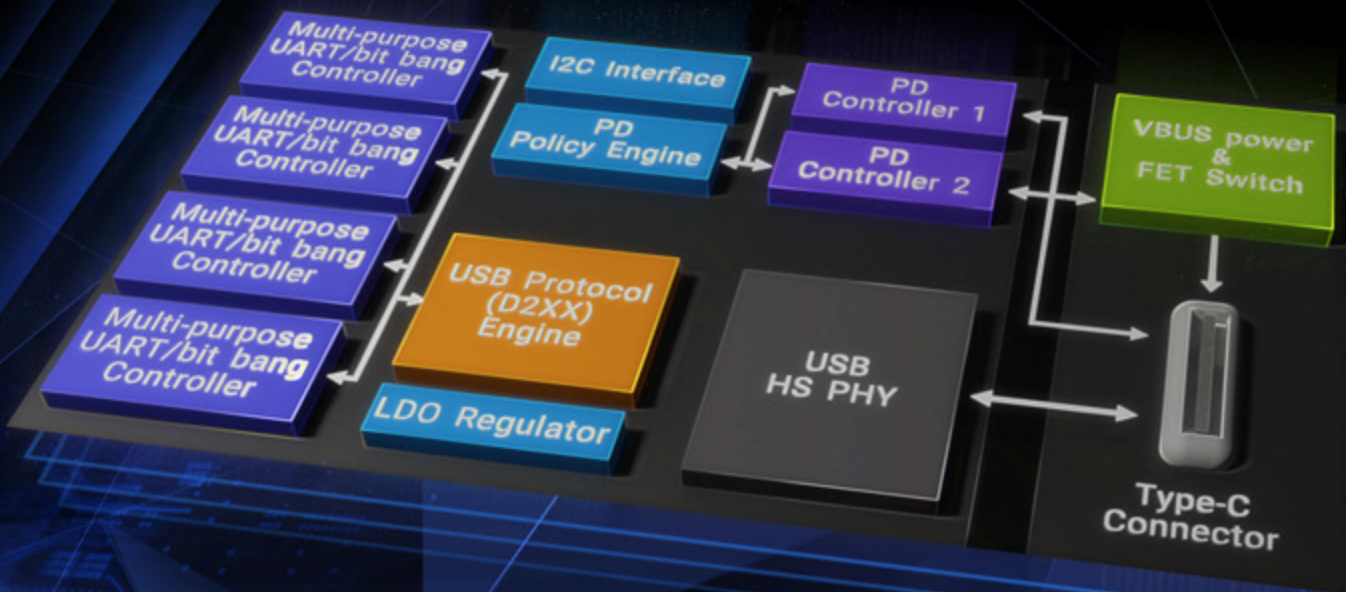


Power Delivery Series

HI-SPEED USB BRIDGE with
ENHANCED POWER DELIVERY



The Power Delivery series has two Type-C/PD ports, with PD1 port supporting both power sink and source roles (DRP), and PD2 port works as a power sink port.

Both PD ports support 5V, 9V, 15V and 20V PDO profiles, and these profiles are configurable through the external EEPROM at power-up or reset. PD1 port share 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	Package
FT2232HP	UART ASYNC FIFO SYNC FIFO MPSSE x 2	2	1	External	12MBaud 10MByte/s 40MByte/s 30Mbit/s	68 QFN
FT2233HP	UART ASYNC FIFO SYNC FIFO MPSSE x 2	2	2	External	12MBaud 10MByte/s 40MByte/s 30Mbit/s	76 QFN 80 LQFP
FT4232HP	UART MPSSE x2	4	1	External	12MBaud 30Mbit/s	68 QFN
FT4233HP	UART MPSSE x2	4	2	External	12MBaud 30Mbit/s	76 QFN 80 LQFP

IO Levels 3.3V (5V tolerant)

Typical operating current 70mA

Extended Temperature Range: -40 degrees celcius to + 85 degrees celcius

In addition to the higher data rates these devices offer, (upto 40Mbytes/s) when compared to full speed solutions, the Hi-speed series also offers a range of multi-channel interfacing. The benefits of a multi channel bridge is that the system BOM is reduced by taking away 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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