

ON Semiconductor®



FUSB302BGEVB: Type-C Interface Detection Solution Evaluation Board

The FUSB302 evaluation board (EVB) and included software allows customers a complete platform to evaluate the Type-C interface detection solution the FUSB302 provides. The EVB is designed for both stand-alone operation and connection to test equipment for specific testing requirements. The FUSB302 software provides both fully automatic control and manual control of the FUSB302 functions. With a single connection to a PC and a couple configurations in the GUI, the EVB can function as a source, sink or dual?role port.

The FUSB302 targets system designers looking to implement a DRP/DFP/UFP USB Type-C connector with low amount of programmability. The FUSB302 does the USB Type-C detection including attach, and orientation. The FUSB302 integrates the physical layer of the USB BMC Power Delivery (PD) protocol to allow up to 100 W of power and role swap. The BMC PD block enables full support for alternative interfaces of the Type-C specification.

Evaluation/Development Tool Information

Product	Status	Compliance	Short Description	Parts Used
FUSB302BGEVB	Active	Pb-free	Type-C Interface Detection Solution Evaluation Board	FUSB302BMPX

