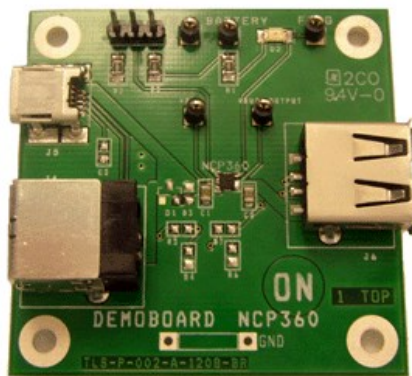




NCP360GEVB: USB Positive OVP Evaluation Board

NCP360 is able to disconnect the systems from its output pin incase wrong VBUS operating conditions is detected.The systemis positive overvoltage protected up to +20V. Thanks to this device using internal PMOS FET, no external device is necessary, reducing the system cost and the PCB area of the application board. NCP360 is able to instantaneously disconnect the output from the input if the input voltage exceeds the overvoltage threshold (OVLO). NCP360 provides a negative going flag output, which alerts the system that a fault has occurred.In addition, the device has ESD protected input (15kV Air) when bypassed with a 1µF or larger capacitor.



Features and Applications

Features

- Overvoltage Lockout (OVLO)
- Undervoltage Lockout (UVLO)
- Very Fast Protection, Up to 20 V, with 25 uA Current Consumption

Evaluation/Development Tool Information

Product	Status	Compliance	Short Description	Parts Used	Action
NCP360GEVB	Active	Pb-free	USB Positive OVP Evaluation Board	NCP360MUTBG	» Contact Local Sales Office

Technical Documents

Type	Document Title	Document ID/Size	Rev
Eval Board: BOM	NCP360GEVB Bill of Materials ROHS Compliant	NCP360GEVB_BOM_ROHS.PDF - 179.0 KB	0
Eval Board: Gerber	NCP360GEVB Gerber Layout Files (Zip Format)	NCP360GEVB_GERBER.ZIP - 43.0 KB	0
Eval Board: Schematic	NCP360GEVB Schematic	NCP360GEVB_SCHEMATIC.PDF - 118.0 KB	0
Eval Board: Test Procedure	NCP360GEVB Test Procedure	NCP360GEVB_TEST_PROCEDURE.PDF - 150.0 KB	0
Video	USB Positive OVP Evaluation Board - NCP360GEVB	WVD17589/D	

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