



NCP57152MNADGEVB: 1.5 A Adjustable VLDO Regulator Demonstration Evaluation Board

The NCP57152 is a high precision, very low dropout (VLDO), low minimum input voltage and low ground current positive voltage regulator that is capable of providing an output current in excess of 1.5 A with a typical dropout voltage of 330 mV at 1.5 A load current and input voltage from 1.8 V and up. The device is stable with ceramic output capacitors. The device can withstand up to 18 V max input voltage. Internal protection features consist of output current limiting, built-in thermal shutdown and reverse output current protection. Logic level enable and error flag pins are available. The NCP57152 is an Adjustable Voltage device and is available in D2PAK-5 and DFN8 packages.



Evaluation/Development Tool Information

Product	Status	Compliance	Short Description	Parts Used	Action
NCP57152MNADGEVB	Active	Pb-free	1.5 A Adjustable VLDO Regulator Demonstration Evaluation Board	NCP57152MNADJTYG	Contact Local Sales Office

Technical Documents

Type	Document Title	Document ID/Size	Rev
Eval Board: BOM	NCP57152MNADGEVB Bill of Materials ROHS Compliant	NCP57152MNADGEVB_BOM_ROHS.PDF - 39.0 KB	0
Eval Board: Gerber	NCP57152MNADGEVB Gerber Layout Files (Zip Format)	NCP57152MNADGEVB_GERBER.ZIP - 22.0 KB	0
Eval Board: Schematic	NCP57152MNADGEVB Schematic	NCP57152MNADGEVB_SCHEMATIC.PDF - 40.0 KB	0
Eval Board: Test Procedure	NCP57152MNADGEVB Test Procedure	NCP57152MNADGEVB_TEST_PROCEDURE.PDF - 48.0 KB	0
Video	1.5 A Adjustable VLDO Regulator Demonstration Evaluation Board - NCP57152MNADGEVB	WVD17616/D	

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