



NCP58302DSADGEVB: Adjustable VLDO Regulator Evaluation Board

The NCP58300 series are high precision, very low dropout (V_{DO}), low ground current positive voltage regulators that are capable of providing an output current in excess of 3.0 A with a typical dropout voltage lower than 370 mV at 3.0 A load current. The devices are stable with tantalum output capacitors. This series consists initially of an Adjustable output voltage version, with fixed voltage versions planned in the future.

The NCP58300 series 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 on the 5-pin version.



Evaluation/Development Tool Information

Product	Status	Compliance	Short Description	Parts Used	Action
NCP58302DSADGEVB	Active	Pb-free	Adjustable VLDO Regulator Evaluation Board	NCP58302DSADJR4G	» Contact Local Sales Office

Technical Documents

Type	Document Title	Document ID/Size	Rev
Eval Board: BOM	NCP58302DSADGEVB Bill of Materials ROHS Compliant	NCP58302DSADGEVB_BOM_ROHS.PDF - 42.0 KB	0
Eval Board: Gerber	NCP58302DSADGEVB Gerber Layout Files (Zip Format)	NCP58302DSADGEVB_GERBER.ZIP - 26.0 KB	0
Eval Board: Schematic	NCP58302DSADGEVB Schematic	NCP58302DSADGEVB_SCHEMATIC.PDF - 41.0 KB	0
Eval Board: Test Procedure	NCP58302DSADGEVB Test Procedure	NCP58302DSADGEVB_TEST_PROCEDURE.PDF - 52.0 KB	0

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