



NCP59302DSADGEVB: 3.0 A Adjustable VLDO Regulator Evaluation Board

The NCP59300 series are high precision, very low dropout (VLDO), 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 300 mV at 3.0 A load current. The devices are stable with ceramic output capacitors. This series consists initially of an Adjustable output voltage version, with fixed voltage versions planned in the future. The NCP59300 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. The NCP59302 is an Adjustable voltage Device and is available in D2PAK-5 package.



Evaluation/Development Tool Information

Product	Status	Compliance	Short Description	Parts Used	Action
NCP59302DSADGEVB	Active	Pb-free	3.0 A Adjustable VLDO Regulator Evaluation Board	NCP59302DSADJR4G	» Contact Local Sales Office » Inventory

Technical Documents

Type	Document Title	Document ID/Size	Rev
Eval Board: BOM	NCP59302DSADGEVB Bill of Materials ROHS Compliant	NCP59302DSADGEVB_BOM_ROHS.PDF - 100.0 KB	0
Eval Board: Gerber	NCP59302DSADGEVB Gerber Layout Files (Zip Format)	NCP59302DSADGEVB_GERBER.ZIP - 25.0 KB	0
Eval Board: Schematic	NCP59302DSADGEVB Schematic	NCP59302DSADGEVB_SCHEMATIC.PDF - 133.0 KB	0
Eval Board: Test Procedure	NCP59302DSADGEVB Test Procedure	NCP59302DSADGEVB_TEST_PROCEDURE.PDF - 35.0 KB	0

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