



## NCP57302DSADGEVB:3.0 A Adjustable VLDO Regulator Evaluation Board

### Evaluation Board Description

The NCP57302 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 3.0 A with a typical dropout voltage of 315 mV at 3.0 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 pin is available. The NCP57302 is an adjustable voltage device and is available in D2PAK-5 package.



### Design Support

- » [Technical Documentation](#)
- » [Design Resources](#)
- » [Technical Support](#)
- » [Sales Support](#)

### Evaluation Board Information

Evaluation Board	Status	Pb-free	Short Description	Parts Used	Action
<a href="#">NCP57302DSADGEVB</a>	Active		3.0 A Adjustable VLDO Regulator Evaluation Board	<a href="#">NCP57302DSADJR4G</a>	

### Technical Documents

Type	Document Title	Document ID/Size	Rev
Eval Board: BOM	NCP57302DSADGEVB Bill of Materials ROHS Compliant	<a href="#">NCP57302DSADGEVB_BOM_ROHS.PDF</a> - 43.0 KB	0
Eval Board: Gerber	NCP57302DSADGEVB Gerber Layout Files (Zip Format)	<a href="#">NCP57302DSADGEVB_GERBER.ZIP</a> - 28.0 KB	0
Eval Board: Schematic	NCP57302DSADGEVB Schematic	<a href="#">NCP57302DSADGEVB_SCHEMATIC.PDF</a> - 40.0 KB	0
Eval Board: Test Procedure	NCP57302DSADGEVB Test Procedure	<a href="#">NCP57302DSADGEVB_TEST_PROCEDURE.PDF</a> - 52.0 KB	0

