



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China

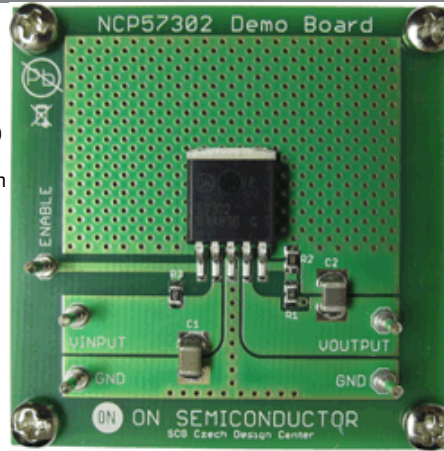




## NCP57302DSADGEVB:3.0 A Adjustable VLDO Regulator Evaluation Board

### 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

