



NCP51460SN33GEVB: 20 mA Precise LDO Evaluation Board

The NCP51460 is a high performance, low power precision voltage reference. It can supply output current up to 20 mA at a 3.3 V fixed output voltage. Excellent line and load regulation characteristics, very good PSRR, low Output Noise and low Quiescent Current makes the NCP51460 ideal for precision regulator applications. The device is designed to be stable without an output capacitor which makes the device ideal for space constrained applications or where fast rise times are required. An optional output capacitor (which is present on the evaluation board) may be used to improve the load transient response. Protective features include Short Circuit and Reverse Input Voltage Protection. In the case of reverse input voltage on the output pin, the reference will not conduct any current protecting the device from damage. The NCP51460 is packaged in a 3-lead surface mount SOT-23 package.



Evaluation/Development Tool Information

Product	Status	Compliance	Short Description	Parts Used	Action
NCP51460SN33GEVB	Active	Pb-free	20 mA Precise LDO Evaluation Board	NCP51460SN33T1G	» Contact Local Sales Office

Technical Documents

Type	Document Title	Document ID/Size	Rev
Eval Board: BOM	NCP51460SN33GEVB Bill of Materials ROHS Compliant	NCP51460SN33GEVB_BOM_ROHS.PDF - 98.0 KB	0
Eval Board: Gerber	NCP51460SN33GEVB Gerber Layout Files (Zip Format)	NCP51460SN33GEVB_GERBER.ZIP - 10.0 KB	0
Eval Board: Schematic	NCP51460SN33GEVBEBV Schematic	NCP51460SN33GEVBEBV_SCHEMATIC.PDF - 124.0 KB	0
Eval Board: Test Procedure	NCP51460SN33GEVB Test Procedure	NCP51460SN33GEVB_TEST_PROCEDURE.PDF - 143.0 KB	0

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