

NCP508SQ33T1GEVB: 3.3 V WDFN Evaluation Board

The NCP508 is a 50 mA low noise voltage regulator, designed to exhibit fast turn on time and high ripple rejection. Each device contains a voltage reference unit, an error amplifier, a PMOS power transistor, resistors for setting output voltage, current limit, and temperature limit protection circuits.



Features and Applications

Features

- Very Low Noise at 39 Vrms without a Bypass Capacitor
- High Ripple Rejection of 70 dB at 1 kHz
- Low Dropout Voltage of 140 mV (typ) at 30 mA

Evaluation/Development Tool Information					
Product	Status	Compliance	Short Description	Parts Used	Action
NCP508SQ33T1GEVB	Active	Pb-free	3.3 V WDFN Evaluation Board	NCP508SQ33T1G	» Contact Local Sales Office » Inventory

Technical Documents			
Type	Document Title	Document ID/Size	Rev
Eval Board: BOM	NCP508SQ33T1GEVB Bill of Materials ROHS Compliant	NCP508SQ33T1GEVB_BOM_ROHS.PDF - 117.0 KB	0
Eval Board: Gerber	NCP508SQ33T1GEVB Gerber Layout Files (Zip Format)	NCP508SQ33T1GEVB_GERBER.ZIP - 21.0 KB	0
Eval Board: Schematic	NCP508SQ33T1GEVB Schematic	NCP508SQ33T1GEVB_SCHEMATIC.PDF - 44.0 KB	0
Eval Board: Test Procedure	NCP508SQ33T1GEVB Test Procedure	NCP508SQ33T1GEVB_TEST_PROCEDURE.PDF - 89.0 KB	0

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