



NCP508MT18TBGEVB: 1.8 V WDFN Evaluation Board

The NCP508 is a 50mA 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. The NCP508 has been designed for use with ceramic capacitors. The device is housed in SC-88A and WDFN6 1.5x1.5 packages. Standard voltage versions are 1.5, 1.8, 2.5, 2.8, 3.0 and 3.3. Other voltages are available in 100mV steps.



Features and Applications

Applications

- RF Subsystems in Handsets
- Noise sensitive circuits; VCOs, PLL

Evaluation/Development Tool Information

Product	Status	Compliance	Short Description	Parts Used	Action
NCP508MT18TBGEVB	Active	Pb-free	1.8 V WDFN Evaluation Board	NCP508MT18TBG	» Contact Local Sales Office

Technical Documents

Type	Document Title	Document ID/Size	Rev
Eval Board: BOM	NCP508MT18TBGEVB Bill of Materials ROHS Compliant	NCP508MT18TBGEVB_BOM_ROHS.PDF - 187 KB	1
Eval Board: Gerber	NCP508MT18TBGEVB Gerber Layout Files (Zip Format)	NCP508MT18TBGEVB_GERBERS.ZIP - 21.0 KB	0
Eval Board: Schematic	NCP508MT18TBGEVB Schematic	NCP508MT18TBGEVB_SCHEMATIC.PDF - 142.0 KB	0
Eval Board: Test Procedure	NCP508MT18TBGEVB Test Procedure	NCP508MT18TBGEVB_TEST_PROCEDURE.PDF - 1143.0 KB	0

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