



NCP2890GEVB: 1 W Audio Power Amplifier Evaluation Board

The NCP2890 is an audio power amplifier designed for portable communication device applications such as mobile phone applications. The NCP2890 is capable of delivering 1.0 W of continuous average power to an 8.0 Ohm load from a 5.0 V power supply, and 320 mW to a 4.0 Ohm load from a 2.6 V power supply.



Features and Applications

Features

- Wide Power Voltage Range
- Operation 2.2 Volts to 5.5 Volts
- Low Distortion
- No Pop and Click

Evaluation/Development Tool Information

Product	Status	Compliance	Short Description	Parts Used	Action
NCP2890GEVB	Active	Pb-free	1 W Audio Power Amplifier Evaluation Board	NCP2890DMR2G	Contact Local Sales Office Inventory

Technical Documents

Type	Document Title	Document ID/Size	Rev
Eval Board: BOM	NCP2890GEVB Bill of Materials ROHS Compliant	NCP2890GEVB_BOM_ROHS.PDF - 19 KB	1
Eval Board: Gerber	NCP2890GEVB Gerber Layout Files (Zip Format)	NCP2890GEVB_GERBER.ZIP - 18 KB	1
Eval Board: Schematic	NCP2890GEVB Schematic	NCP2890GEVB_SCHEMATIC.PDF - 122 KB	1
Eval Board: Test Procedure	NCP2890GEVB Test Procedure	NCP2890GEVB_TEST_PROCEDURE.PDF - 68 KB	2
Video	Audio Amplification Solutions with the NCP2890GEVB Evaluation Board	TND6100/D	1

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Function Generator
Oscilloscope (2 probes)
Multimeter

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