



NCP2890EVB:NCP2890 1 W Audio Power Amplifier Evaluation Board

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Evaluation Board Description

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.



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Features and Applications

Features

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

Evaluation Board Information

Evaluation Board	Short Description	Status	Parts Used	Action
NCP2890EVB	NCP2890 1 W Audio Power Amplifier Evaluation Board	Active	NCP2890DMR2	Contact Local Sales Office

Technical Documents

Type	Document Title	Document ID/Size	Rev
Eval Board: Gerber	NCP2890 Evaluation Board Gerber Layout Files (ZIP format)	NCP2890EVB_GERBER - 18.0 KB	1
Eval Board: Schematic	NCP2890 Evaluation Board Schematic	NCP2890EVB_Schematic.pdf - 13.0 KB	1
Eval Board: Test Procedure	NCP2890 Evaluation Board Test Procedure	NCP2890EVB_Test_Procedure.pdf - 4.0 KB	1
Eval Board: BOM	NCP2890 Evaluation Board Bill of Materials	NCP2890EVB_BOM.pdf - 12.0 KB	1