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Energy Efficient Innovations

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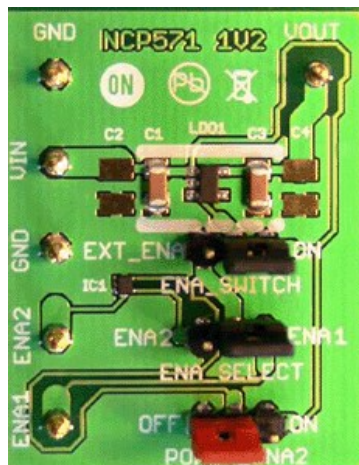


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NCP571SN12T1GEVB: LDO Regulator Evaluation Board

The demoboard supports the LDO regulator NCP571 with fix output voltage 1.2 V. An additional circuitry based on Single Input Buffer allows connect Enable signal with higher voltage than input voltage of LDO regulator up to 7 V. The ENABLE function allows turn the device to low consumption mode with quiescent current below 1 μ A.

Size: 38mm x 30mm x 18mm



Features and Applications

Features

- Input Voltage Range from 2.7 V to 12 V (Limited to 5.5 V in case the Single Output Buffer is powered too.)
- Low Quiescent Current, Typical 2.7 μ A
- Output Current up to 150 mA
- Precision 3% at $T_a = 25^\circ\text{C}$
- Internal Thermal Shutdown Protection
- Current Limiting
- NCV Prefix for Automotive and Other Applications Requiring Site and Control Changes
- These are Pb-Free Devices

Applications

- Battery Powered Instruments
- Hand-Held Instruments
- Camcorders and Cameras

Evaluation/Development Tool Information

Product	Status	Compliance	Short Description	Parts Used	Action
NCP571SN12T1GEVB	Active	Pb-free	LDO Regulator Evaluation Board	NCP571SN12T1G	» Contact Local Sales Office

Technical Documents

Type	Document Title	Document ID/Size	Review Status
Eval Board: BOM	NCP571SN12T1GEVB Bill of Materials ROHS Compliant	NCP571SN12T1GEVB_BOM_ROHS.PDF - 208.0 KB	0
Eval Board: Gerber	NCP571SN12T1GEVB Gerber Layout Files (Zip Format)	NCP571SN12T1GEVB_GERBER.ZIP - 20.0 KB	0
Eval Board: Schematic	NCP571SN12T1GEVB Schematic	NCP571SN12T1GEVB_SCHEMATIC.PDF - 201.0 KB	0
Eval Board: Test Procedure	NCP571SN12T1GEVB Test Procedure	NCP571SN12T1GEVB_TEST_PROCEDURE.PDF - 249.0 KB	0

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