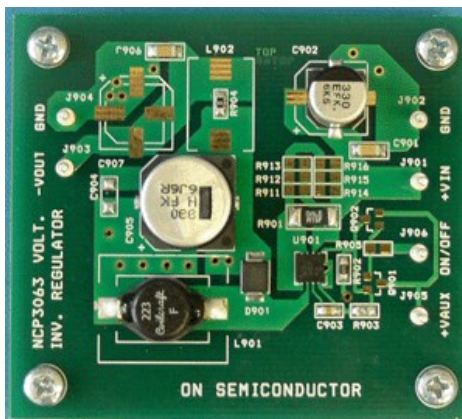




NCP3063SMINVGEVB: DFN Inverter Demonstration Evaluation Board

The NCP3063 Series is a higher frequency upgrade to the popular MC34063A and MC33063A monolithic DC-DC converters. These devices consist of an internal temperature compensated reference, comparator, a controlled duty cycle oscillator with an active current limit circuit, a driver and a high current output switch. This series was specifically designed to be incorporated in Step-Down, Step-Up and Voltage-Inverting applications with a minimum number of external components.



Features and Applications

Features

- Operation to 40 V Input
- Low Standby Current
- Output Switch Current to 1.5 A
- Output Voltage Adjustable
- Frequency Operation of 150 kHz

Applications

- High Power LED Lighting
- Battery Chargers

Evaluation/Development Tool Information

Product	Status	Compliance	Short Description	Parts Used	Action
NCP3063SMINVGEVB	Active	Pb-free	DFN Inverter Demonstration Evaluation Board	NCP3063BMNTXG	Contact Local Sales Office Inventory

Technical Documents

Type	Document Title	Document ID/Size	Rev
Eval Board: BOM	NCP3063SMINVGEVB Bill of Materials ROHS Compliant	NCP3063SMINVGEVB_BOM_ROHS.PDF - 34 KB	2
Eval Board: Gerber	NCP3063SMINVGEVB Gerber Layot Files (Zip Format)	NCP3063SMINVGEVB_GERBER.ZIP - 34.0 KB	0
Eval Board: Schematic	NCP3063SMINVGEVB Schematic	NCP3063SMINVGEVB_SCHEMATIC.PDF - 26.0 KB	0
Eval Board: Test Procedure	NCP3063SMINVGEVB Test Procedure	NCP3063SMINVGEVB_TEST_PROCEDURE.PDF - 38.0 KB	0
Video	Buck Boost Switching Regulator Solutions with the NCP3063SMINVGEVB Evaluation Board	TND6053/D	1

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