



NCP3064PDBSTGEVB: PDIP-8 Boost Evaluation Board

The NCP3064 device supports a buck configuration with a wide input voltage range. The NCP3064 is a low cost converter that supports a peak current of 1.5A with a maximum duty cycle of 85.7%. The ON/OFF function allows turn the device to low consumption mode.



Features and Applications

Features

- Input Voltage Range from 3.0 V to 40 V
- Logic Level Shutdown Capability
- Low Power Standby Mode, Typical 100 uA
- Output Switch Current to 1.5 A
- Adjustable Output Voltage Range
- 150 kHz Frequency Operation
- Precision 2% Reference
- Internal Thermal Shutdown Protection
- Cycle-by-Cycle Current Limiting
- NCV Prefix for Automotive and Other Applications Requiring Site and Control Changes
- These are Pb-Free Devices

Applications

- StepDown, StepUp, and Inverting supply applications
- High Power LED Lighting
- Battery Chargers

Evaluation/Development Tool Information

Product	Status	Compliance	Short Description	Parts Used	Action
NCP3064PDBSTGEVB	Active	Pb-free	PDIP-8 Boost Evaluation Board	NCP3064PG	» Contact Local Sales Office

Technical Documents

Type	Document Title	Document ID/Size	Rev
Eval Board: BOM	NCP3064PDBSTGEVB Bill of Materials ROHS Compliant	NCP3064PDBSTGEVB_BOM_ROHS.PDF - 573.0 KB	0
Eval Board: Gerber	NCP3064PDBSTGEVB Gerber Layout Files (Zip Format)	NCP3064PDBSTGEVB_GERBER.ZIP - 100.0 KB	0
Eval Board: Schematic	NCP3064PDBSTGEVB Schematic	NCP3064PDBSTGEVB_SCHEMATIC.PDF - 576.0 KB	0
Eval Board: Test Procedure	NCP3064PDBSTGEVB Test Procedure	NCP3064PDBSTGEVB_TEST_PROCEDURE.PDF - 612.0 KB	0
Video	1.5 A Boost / Buck, Inverting Converter, Switching Regulator Evaluation Boards - NCP3064 Series	WVD17619/D	

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[1.5 A Boost / Buck, Inverting Converter, Switching Regulator Evaluation Boards - NCP3064 Series](#)

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