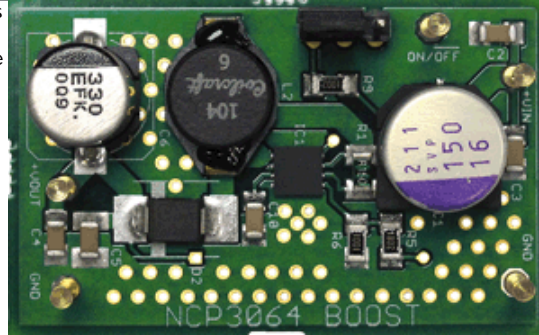




NCP3064DFBSTGEVB:DFN-8 Boost Evaluation Board

Evaluation Board Description

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.



Design Support

- » Technical Documentation
- » Design Resources
- » Technical Support
- » Sales Support

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

- Step-Down, Step-Up, and Inverting supply applications
- High Power LED Lighting
- Battery Chargers

Evaluation Board Information

Evaluation Board	Status	Pb-free	Short Description	Parts Used	Action
NCP3064DFBSTGEVB	Active		DFN-8 Boost Evaluation Board	NCP3064MNTXG	

Technical Documents

Type	Document Title	Document ID/Size	Rev
Eval Board: BOM	NCP3064DFBSTGEVB Bill of Materials ROHS Compliant	NCP3064DFBSTGEVB_BOM_ROHS.PDF - 40.0 KB	0
Eval Board: Gerber	NCP3064DFBSTGEVB Gerber Layout Files (Zip Format)	NCP3064DFBSTGEVB_GERBER.ZIP - 129.0 KB	0
Eval Board: Schematic	NCP3064DFBSTGEVB Schematic	NCP3064DFBSTGEVB_SCHEMATIC.PDF - 558.0 KB	0
Eval Board: Test Procedure	NCP3064DFBSTGEVB Test Procedure	NCP3064DFBSTGEVB_TEST_PROCEDURE.PDF - 1199.0 KB	0