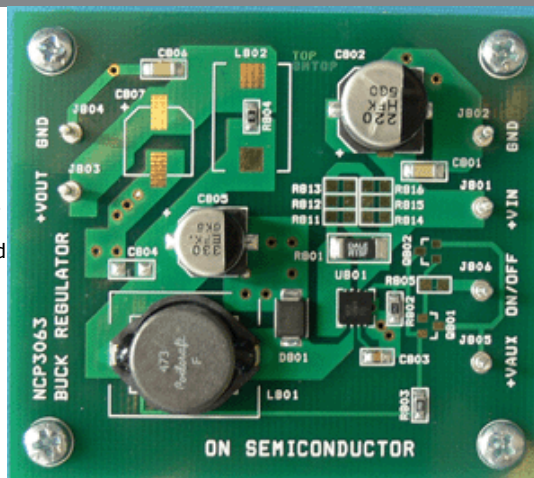




NCP3063DFBCKGEVB: DFN Buck Demonstration Evaluation Board

Evaluation Board Description

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
- Battery Chargers
- Battery Chargers

Applications

- High Power LED Lighting

Evaluation Board Information

Evaluation Board	Status	Compliance	Short Description	Parts Used	Action
NCP3063DFBCKGEVB	Active	Pb-free	DFN Buck Demonstration Evaluation Board	NCP3063BMNTXG	

Technical Documents

Type	Document Title	Document ID / Size	Rev
Eval Board: BOM	NCP3063DFBCKGEVB Bill of Materials ROHS Compliant	NCP3063DFBCKGEVB_BOM_ROHS.PDF - 119.0 KB	0
Eval Board: Gerber	NCP3063DFBCKGEVB Gerber Layout Files (Zip Format)	NCP3063DFBCKGEVB_GERBER.ZIP - 33.0 KB	0
Eval Board: Schematic	NCP3063DFBCKGEVB Schematic	NCP3063DFBCKGEVB_SCHEMATIC.PDF - 27.0 KB	0
Eval Board: Test Procedure	NCP3063DFBCKGEVB Test Procedure	NCP3063DFBCKGEVB_TEST_PROCEDURE.PDF - 34.0 KB	0