



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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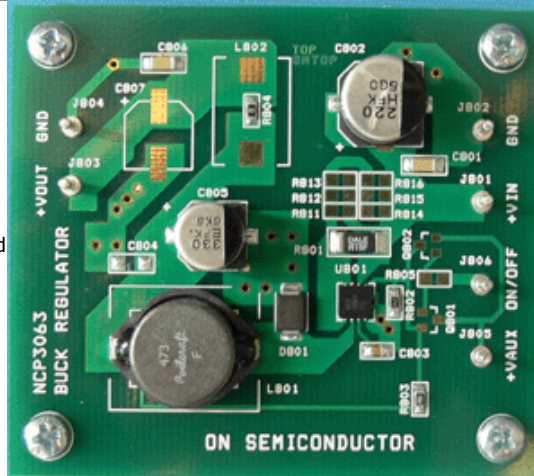




NCP3063DFBCKGEVB: DFN Buck Demonstration Evaluation Board

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