



NCP3063DIPBCKEVB: Buck Regulator Evaluation Board

The NCP3063 Series is a performance enhancement to the popular MC33063 and MC34063 monolithic dc-dc converters. These devices consist of an internal temperature compensated reference, comparator, controlled duty cycle oscillator with an active current limit circuit, driver and high output current switch. This controller was specifically designed to be incorporated in step-down, step-up, or voltage inverting applications with a minimum number of external components. The NCP3063 Buck Evaluation Board is a 250 kHz maximum switching frequency board with 3.3V output. The output is capable of loads from 0.2 A to 0.8 A with the efficiency higher than 73% (at 150 kHz). The input voltage for the 3.3V output is 7V to 15V.



Features and Applications

Features

- 250 kHz maximum switching frequency
- 7V to 15V input voltage range
- Efficiency greater than 73% at 150 kHz

Evaluation/Development Tool Information

Product	Status	Compliance	Short Description	Parts Used	Action
NCP3063DIPBCKEVB	Active		Buck Regulator Evaluation Board	NCP3063PG	» Contact Local Sales Office » Inventory

Technical Documents

Type	Document Title	Document ID/Size	Rev
Eval Board: BOM	NCP3063DIPBCKEVB Bill of Materials ROHS Compliant	NCP3063DIPBCKEVB_BOM_ROHS.PDF - 75.0 KB	0
Eval Board: Gerber	NCP3063DIPBCKEVB Gerber Layout Files (Zip Format)	NCP3063DIPBCKEVB_GERBER.ZIP - 41.0 KB	0
Eval Board: Schematic	NCP3063DIPBCKEVB Schematic	NCP3063DIPBCKEVB_SCHEMATIC.R1.PDF - 127.0 KB	0
Eval Board: Test Procedure	NCP3063DIPBCKEVB Test Procedure	NCP3063DIPBCKEVB_TEST_PROCEDURE.PDF - 0 260.0 KB	
Video	Buck Regulator Evaluation Board - NCP3063DIPBCKEVB Test Procedure	WVD17512/D	

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