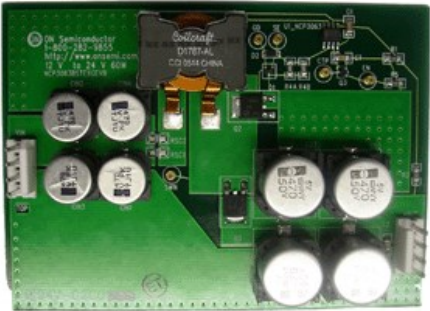


NCP3063BSTEXGEVB: ROHS Boost Demonstration External MOSFET Evaluation Board

The NCP3063 supports a boost configuration with a wide input voltage range from 3.0 V to 40.0 V input. The NCP3063 is a low cost converter that supports a peak current of 1.5A with a maximum duty cycle of 85.7 %. The NCP3063 can also be used as a controller for peak currents greater than 1.5A when an external device is used. The use of an external device also allows operating frequencies beyond 150 kHz to minimize component size.



Features and Applications

Features

- Wide range input: 3.0 to 40.0 Vdc
- Simple design with a small number of external components
- Programmable switching frequency
- CyclebyCycle current limiting

Evaluation/Development Tool Information

Product	Status	Compliance	Short Description	Parts Used	Action
NCP3063BSTEXGEVB	Active	Pb-free	ROHS Boost Demonstration External MOSFET Evaluation Board	NCP3063BDR2G	» Contact Local Sales Office » Inventory

Technical Documents

Type	Document Title	Document ID/Size	Rev
Eval Board: BOM	NCP3063BSTEXGEVB Bill of Materials ROHS Compliant	NCP3063BSTEXGEVB_BOM_ROHS.PDF - 75.0 KB	0
Eval Board: Gerber	NCP3063BSTEXGEVB Gerber Layout Files (Zip Format)	NCP3063BSTEXGEVB_GERBER.ZIP - 28.0 KB	0
Eval Board: Schematic	NCP3063BSTEXGEVB Schematic	NCP3063BSTEXGEVB_SCHEMATIC.PDF - 165.0 KB	2
Eval Board: Test Procedure	NCP3063BSTEXGEVB Test Procedure	NCP3063BSTEXGEVB_TEST_PROCEDURE.PDF - 133.0 KB	0
Video	Boost Demonstration External MOSFET Evaluation Board - NCP3063BSTEXGEVB	WVD17587/D	

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