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NCP3064S3BCKGEVB:NCP3064 3A SOIC BUCK DB

Evaluation Board Description

The NCP3064 device supports a buck configuration with a wide input voltage range from 3.0V to 40.0V. 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. The NCP3064 can also be used as a controller for peak currents greater than 1.5A when an external device is used.
Size: 66mm x 58mm x 16mm

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
- ? CyclebyCycle Current Limiting
- ? NCV Prefix for Automotive and Other Applications Requiring Site and Control Changes
- ? These are PbFree Devices

Evaluation Board Information

Evaluation Board	Status	Pb-free	Short Description	Parts Used	Action
NCP3064S3BCKGEVB	Active	Pb-free	NCP3064 3A SOIC BUCK DB	NCP3064DR2G	Contact Local Sales Office

Technical Documents

Type	Document Title	Document ID/Size	Rev
Eval Board: BOM	NCP3064S3BCKGEVB Bill of Materials ROHS Compliant	NCP3064S3BCKGEVB_BOM_ROHS.PDF - 35.0 KB	1
Eval Board: Gerber	NCP3064S3BCKGEVB Gerber Layout Files (Zip Format)	NCP3064S3BCKGEVB_GERBER.ZIP - 73.0 KB	0
Eval Board: Schematic	NCP3064S3BCKGEVB Schematic	NCP3064S3BCKGEVB_SCHEMATIC.PDF - 131.0 KB	0
Eval Board: Test Procedure	NCP3064S3BCKGEVB Test Procedure	NCP3064S3BCKGEVB_TEST_PROCEDURE.PDF - 451.0 KB	0

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