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## NCP3064DFBCKGEVB:NCP3064 DFN8 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 pcurrent of 1.5A with a maximum duty cycle of 85.7%. The ON/OFF function allows turn the device to low consumption mode. Size: 45mm x 28mm x 14mm

### 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
NCP3064DFBCKGEVB	Active	Pb-free	NCP3064 DFN8 BUCK DB	NCP3064MNTXG	Contact Local Sales Office

### Technical Documents

Type	Document Title	Document ID/Size	Rev
Eval Board: BOM	NCP3064DFBCKGEVB Bill of Materials ROHS Compliant	NCP3064DFBCKGEVB_BOM_ROHS.PDF - 39.0 KB	1
Eval Board: Gerber	NCP3064DFBCKGEVB Gerber Layout Files (Zip Format)	NCP3064DFBCKGEVB_GERBER.ZIP - 38.0 KB	0
Eval Board: Schematic	NCP3064DFBCKGEVB Schematic	NCP3064DFBCKGEVB_SCHEMATIC.PDF - 137.0 KB	0
Eval Board: Test Procedure	NCP3064DFBCKGEVB Test Procedure	NCP3064DFBCKGEVB_TEST_PROCEDURE.PDF - 152.0 KB	0

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