



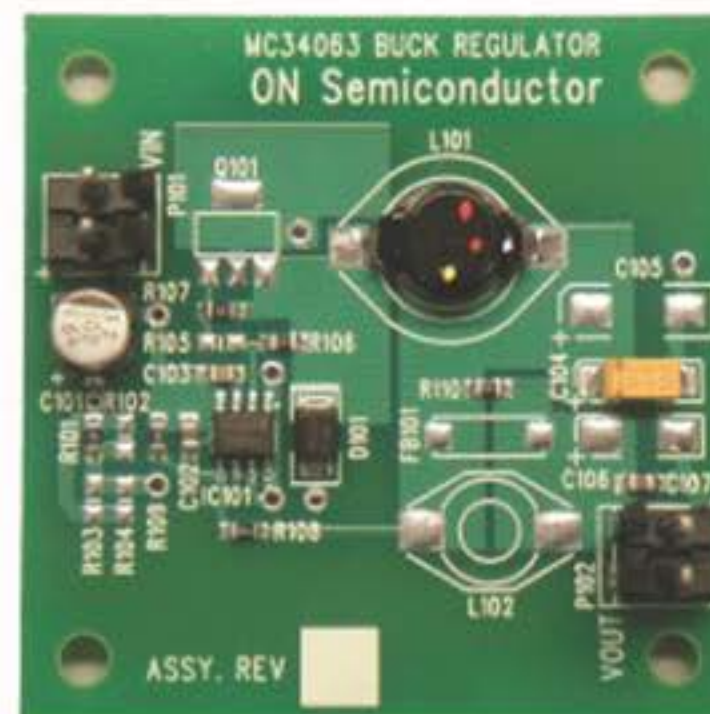
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## MC34063SMDBKEVB:MC34063A up-to 100kHz, 40V / 1.5A SMD Buck Regulator Evaluation Board

### Evaluation Board Description

The MC34063 is a switching control circuit for use in DC to DC converters. With an on board switch capable of delivering 1.5 A, this versatile controller can be utilized in step up, step down, buck-boost, or voltage inverting topologies with a minimum number of components.



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### Features and Applications

#### Features

- Wide Input Range from 3.0 V to 40 V
- Operating Frequency to 100 kHz
- Current Limiting
- 2% Reference
- Adjustable Output Voltage
- Switch Current to 1.5 A
- No Error Amplifier Compensation is Required

### Evaluation Board Information

Evaluation Board	Status	Pb-free	Short Description	Parts Used	Action
MC34063SMDBKEVB	Active		MC34063A up-to 100kHz, 40V / 1.5A SMD Buck Regulator Evaluation Board	MC34063ADR2G	<input type="button" value="Buy Now"/> <a href="#">▶▶ Contact Local Sales Office</a> <a href="#">▶▶ Inventory</a>

### Technical Documents

Type	Document Title	Document ID/Size	Rev
Eval Board: Gerber	MC34063SMDBKEVB GERBER LAYOUT FILES (ZIP FORMAT)	MC34063SMDBKEVB_GERBER.REV1.ZIP - 212.0 KB	1
Eval Board: Schematic	MC34063SMDBKEVB SCHEMATIC	MC34063SMDBKEVB_SCHEMATIC.REV1.PDF - 70.0 KB	1
Eval Board: Test Procedure	MC34063SMDBKEVB TEST PROCEDURE	MC34063SMDBKEVB_TEST_PROCEDURE.REV1.PDF - 68.0 KB	1
Eval Board: BOM	MC34063SMDBKEVB Bill of Materials RoHS Compliant	MC34063SMDBKEVB_BOM_ROHS.PDF - 55.0 KB	0