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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.

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	Short Description	Status	Parts Used	Action
MC34063SMDBKEVB	MC34063A up - to 100kHz, 40V / 1.5A SMD Buck Regulator Evaluation Board	Active	MC34063AD , MC34063ADR2G	Contact Local Sales Office

Technical Documents

Type	Document Title	Document ID/Size	Rev
Eval Board: BOM	MC34063SMDBKEVB BILL OF MATERIALS	MC34063SMDBKEVB_BOM.REV1.PDF - 28.0 KB	1
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

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