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MC34063LBGEVB: Boost Regulator Evaluation Board

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/Development Tool Information

Product	Status	Compliance	Short Description	Parts Used	Action
MC34063LBGEVB	Active	Pb-free	Boost Regulator Evaluation Board	MC34063AP1G	Contact Local Sales Office Inventory

Technical Documents

Type	Document Title	Document ID/Size	Rev
Eval Board: BOM	MC34063LBGEVB Bill of Materials ROHS Compliant	MC34063LBGEVB_BOM_ROHS.PDF - 136.0 KB	1
Eval Board: Gerber	MC34063LBGEVB Gerber Layout Files (Zip Format)	MC34063LBGEVB_GERBER.ZIP - 212.0 KB	1
Eval Board: Schematic	MC34063LBGEVB Schematic	MC34063LBGEVB_SCHEMATIC.PDF - 67.0 KB	1
Eval Board: Test Procedure	MC34063LBGEVB Test Procedure	MC34063LBGEVB_TEST_PROCEDURE.PDF - 63.0 KB	1

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