



Energy Efficient Innovations

MC34063SMDBKGEVB: MC34063 PB-FREE EVAL BOAR

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                                                                                         |
| MC34063SMDBKGEVB                        | Active | Pb-free    | MC34063 PB-FREE EVAL BOAR | MC34063ADR2G | <a href="#">» Contact</a><br><a href="#">Local Sales Office</a><br><a href="#">» Inventory</a> |

| Technical Documents        |                                                   |                                                |     |
|----------------------------|---------------------------------------------------|------------------------------------------------|-----|
| Type                       | Document Title                                    | Document ID/Size                               | Rev |
| Eval Board: BOM            | MC34063SMDBKGEVB Bill of Materials ROHS Compliant | MC34063SMDBKGEVB_BOM_ROHS.PDF - 79.0 KB        | 0   |
| Eval Board: Gerber         | MC34063SMDBKGEVB Gerber Layout Files (Zip Format) | MC34063SMDBKGEVB_GERBER.ZIP - 212.0 KB         | 1   |
| Eval Board: Schematic      | MC34063SMDBKGEVB Schematic                        | MC34063SMDBKGEVB_SCHEMATIC.PDF - 514.0 KB      | 1   |
| Eval Board: Test Procedure | MC34063SMDBKGEVB Test Procedure                   | MC34063SMDBKGEVB_TEST_PROCEDURE.PDF - 523.0 KB | 1   |

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