

## MIC22950 10A Synch Buck Reg Eval Board ★

Part Number: ADM00823

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MIC22950 Evaluation Board was developed to evaluate the capabilities of the MIC22950 high-efficiency 10A integrated switch, synchronous buck (step-down) regulator. The MIC22950 achieves over 95% efficiency while still switching at 2MHz over a broad load range.

The MIC22950 Evaluation Board features turret connectors for input and output power and test points for measuring various signals like Enable, Delay, Power-On Reset and RC.



### Features

### Package Contents

- 2.6V to 5.5V supply voltage
- Fully-integrated MOSFET switches
- Adjustable output voltage option down to 0.7V
- Output load current up to 10A
- Full sequencing and tracking capability
- Power-On Reset
- Efficiency >95% across a broad load range
- Operating frequency programmable: 400kHz to 2MHz
- Ultra-fast transient response
- 100% maximum duty cycle
- Micropower shutdown
- Thermal-shutdown and current-limit protection

## Documentation & Software

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| ★ <a href="#">MIC22950 10A Synch Buck Reg Eval Board (ADM00823) BOM</a> | 7/14/2017 6:13:18 AM | 30KB  |  |
| ★ <a href="#">MIC22950 10A Synch Buck Reg Eval Board (ADM00823)</a>     | 7/14/2017 6:13:17 AM | 352KB |  |

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| Schematic                                                                        |                       |       |                                                                                     |
| ★ MIC22950 10A Synch Buck Reg Eval Board (ADM00823) Gerber Files                 | 7/14/2017 6:12:47 AM  | 607KB |    |
| ★ MIC22950 - 10A Integrated Switch Synch Buck Reg with Freq Programmable to 2MHz | 11/6/2015 9:39:41 AM  | 1MB   |  |
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