

# MIC22950 10A Synch Buck Reg Eval Board ★

Part Number: ADM00823

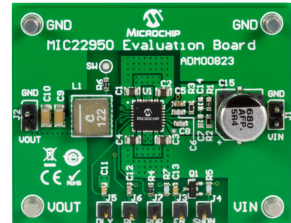
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MIC22950 Evaluation Board was developed to evaluate the capabilities of the MIC22950 high-efficiency 10A integrated switch, synchronous buck (step-down) regulator. The MIC22950 achieves over 95% efficiency while still switching at 2MHz over a broad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

|  |                       |       |   |
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