



# MIC23656 6A Synch Buck Regulator Eval Bd

Part Number: ADM00886

# Summary

The MIC23656 Evaluation Board is developed to evaluate and demonstrate Microchip Technology's MIC23656 product. The board features the MIC23656 in a typical Buck application supplied from an external source, between 2.4V – 5.5V. The onboard MCP2221 USB bridge and Micro-USB interface allows easy parameter configuration and monitoring directly from a PC. Test connectors allow probing, while the board can be loaded up to 6A.

## Package Contents

1 x MIC23656 6A Synch Buck Regulator Eval Bd

## Product Features

- Input Voltage range 2.4V to 5.5V
- Output Voltage: 0.6V - 1.28V, 5 mV resolution or 0.6V - 3.84V, 20 mV resolution, set by I2C
- 6A peak Output Current
- High Efficiency (up to 95%)
- I2C programmable parameters and monitoring
- PG, EN, SW and loop gain measurement test points
- Micro USB interface via MCP2221 USB-I2C bridge