



MCP19035 Power Module 8A Evaluation Board

Part Number: ADM00987

Summary

The PM8 module is a compact solution, highly efficient, step-down voltage converter that will convert the input voltage rail (typically 12V) to 5V regulated output voltage. The maximum output current for this step-down converter is 8A. The board demonstrates the capabilities of the MCP19035 600 kHz Synchronous Buck Converter Controller in a typical step-down application. The reference design can be modified to support output voltages from 3.3V to 5V by changing a single resistor.

Package Contents

1 x MCP19035 Power Module 8A Evaluation Board

Product Features

Features:

- Input Voltage range 6V to 16V
- Output Voltage: 0.8 to 5.5V set by external resistor
- 8A continuous output current with the module soldered on motherboard
- 6A continuous output current stand alone
- High Efficiency (up to 95.5%)