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Part Number: DT100107

MIC33M650 6A STEP DOWN MODULE EVAL BOARD ☆

The DT100107 has the following features:
• 2.4V to 5.5V Input Voltage Range
• 6A (maximum) Continuous Output Current
• Programmable VSEL (Voltage Selection):
- 9 voltage combinations of 2 three-state pins combinations
- 0.6V, 0.8V, 0.9V, 1.0V, 1.2V, 1.5V, 1.8V, 2.5V, 3.3V output voltage
• High Efficiency (up to 95%)
• 2 MHz Switching Frequency

Read More

In Stock : 13 (Processes Immediately)
When can I get more?

Quantity: 1

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Overview

DT100107 evaluation boards are intended to provide a platform allowing customers to easily evaluate the features of the new MIC33M650 6A Power Modules in a buck converter application with adjustable output voltage through pin-strapping using on board jumpers. These boards are ideal for powering core supply voltages and also high power single-cell Li-ion battery powered applications. The evaluation boards also provide a reference for proper choice and PCB layout of components that are critical to switching regulator implementations.
DT100107 were developed to help engineers reduce product design cycle time and have an optimum platform to evaluate the performance of these device. DT100107 provide onboard jumpers to easily set the VSEL1 and VSEL2 tristate pins to configure the output voltages requirements.

Package Contents
1x MIC33M650 6A Step Down Module Eval Board

All Application Notes

Documentation

Title		
DT100107 Schematic	Download	☆
DT100107 BOM	Download	☆
DT100107 Gerbers	Download	☆

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