

MCP1640, professional Joule Thief



Regulated 5V Charge-Pump DC-DC Converter

Features

- † Regulated 5V $\pm 4\%$ Charge Pump
- † Output Current Guaranteed over Temperature
20mA ($V_{IN} \geq 2V$)
50mA ($V_{IN} \geq 3V$)
- † 2V to 3.6V Input Range
- † No Inductors; Very Low EMI Noise

