1.5MHz 1.2A Step-Down Converter in SOT23-5 Package

DESCRIPTION

The ETA3406 is a high-efficiency, DC-to-DC step-down switching regulator, capable of delivering up to 1.2A of output current. The devices operate from an input voltage range of 2.6V to 5.5V and provide output voltages from 0.6V to VIN, making the ETA3406 ideal for low voltage power conversions. Running at a fixed frequency of 1.5MHz allows the use of small inductance value and low DCR inductors, thereby achieving higher efficiencies. Other external components, such as ceramic input and output caps, can also be small due to higher switching frequency, while maintaining exceptional low noise output voltages. Built-in EMI reduction circuitry makes this converter ideal power supply for RF applications. Internal soft-start control circuitry reduces inrush current. Short-circuit and thermal-overload protection improves design reliability.
ETA3406 is housed in a tiny SOT23-5L package

FEATURES

- Up to 1.2A Max Output Current
- 1.5MHz Frequency
- Light Load operation
- Internal Compensation
- Tiny SOT23-5L Package

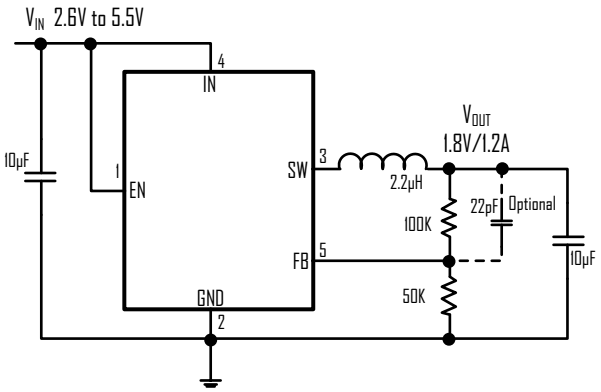
APPLICATIONS

- USB ports/Hubs
- Hot Swaps
- Cellphones
- Tablet PC
- Set Top Boxes

ORDERING INFORMATION

PART	PACKAGE PIN	TOP MARK
ETA3406S2F-T	SOT23-5	AHYW Date Code Product Number

TYPICAL APPLICATION



1.8V/1.2A 1.5MHz Step-Down Converter

