



Synchronous Step-Up DC-DC Converter with PFM Control

Features

- External parts: Coil, capacitor
- Output voltage: Settable to between 2.1V to 5.5V in 0.1V steps
- Maximum Oscillation frequency :300KHz
- Accuracy of $\pm 2\%$
- High efficiency :95%
- Package: SOT23,SOT23-3,SOT23-5,SOT89 and TO92

Applications

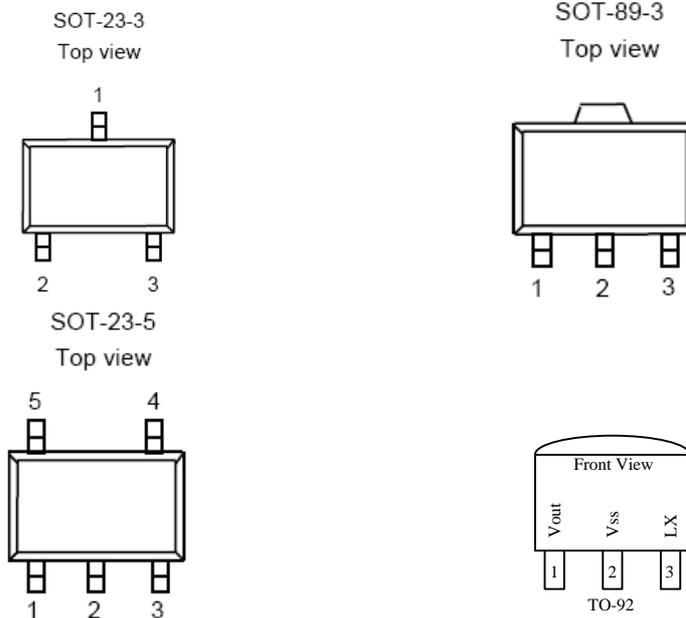
- Digital cameras
- Electronic notebooks and PDAS
- Portable CD/MD players
- Cameras , video equipment
- Communications equipment
- Power supply for microcomputers

General Description

The KF6386 Series is a Synchronous step-up DC/DC Converter with PFM Control. With the KF6386 Series, a step-up switching DC/DC converter can be configured by using

an external coil, capacitor. The built-in MOSFET is turned off by a protection circuit when the voltage at the LX pin exceeds the limit to prevent it from being damaged.

Pin Assignment



Application Circuits

1) KF6386A

