



TK11835

ADVANCED INFORMATION

POSITIVE TO NEGATIVE DC-DC CONVERTER

FEATURES

- Positive-to-Negative Switching Regulator
- Adjustable Output Voltage
- Thermal Protection Sensor
- Broad Operating Voltage Range
- Miniature Package (SOT-26)
- Synchronization to External Pulse

DESCRIPTION

The TK11835 is a positive to negative switching regulator. This IC converts a positive input voltage into a regulated negative output voltage. The maximum regulated output voltage and current are determined by the choice of the external transistor and inductor.

The thermal protection feature provides oscillator shutdown in the event of an overload condition. The wide input voltage range of 1.8 V to 15 V and a 50 mA base drive capability for the external transistor allow flexible operation in a large number of applications.

The TK11835 is available in a miniature SOT-26 surface mount package.

ORDERING INFORMATION

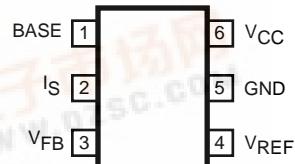
TK11835MTL

Note: Standard packaging is tape left, 1000 pcs/reel.

APPLICATIONS

- Cellular Phones
- Cordless Telephones
- Radio Control Systems
- Wireless Communications Systems
- Battery Operated Equipment
- Portable Instrumentations
- Portable Computers
- Personal Digital Assistants
- Local Area Network (LAN) Receivers

TK11835



BLOCK DIAGRAM

