

FEATURES

- Low Ground Pin Current
- Ultra Low Dropout Voltage
- Excellent Line and Load Regulation
- Guaranteed Output Current of 1.0A
- Fixed Output Voltage: 1.0V, 1.2V, 1.5V 1.8V, 2.5V, 2.8V, and 3.3V
- Over Current Protection
- Over Temperature Protection
- Available in SOT-223 Package

APPLICATIONS

- Battery Powered Equipment
- Motherboards and Graphic Cards
- Microprocessor Power Supplies
- Peripheral Cards
- High Efficiency Linear Regulators
- Battery Chargers

DESCRIPTION

The TPS1117LVxx series of high performance ultra low dropout linear regulators operates from 2.5V to 5.5V input supply and provides ultra low dropout voltage, high output current with low ground current. Wide range of preset output voltage options are available. These ultra low dropout linear regulators respond fast to step changes in load which makes them suitable for low voltage micro-processor applications. The TPS1117LVxx is developed on a CMOS process technology which allows low quiescent current operation independent of output load current. This CMOS process also allows the TPS1117LVxx to operate under extremely low dropout conditions.



ORDERING INFORMATION

Device	Package
TPS1117LVxxS	SOT-223-3L

xx: Output Voltage

Please contact us for more information about this product.