

FEATURES

- Ultra-Low Dropout Voltage
- Compatible with low ESR MLCC as Input / Output Capacitor
- Good Line and Load Regulation
- Guaranteed Output Current of 300mA
- Adjustable Output Voltage up to 5.0V
- Output Auto Discharge Function
- Over-Temperature/Over-Current Protection
- Available in SOT-23-6L Package

APPLICATIONS

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

DESCRIPTION

The TPS73001 is a high performance ultra-low dropout linear regulator that operates from 2.5V to 6.0V 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 TPS73001 is developed on a CMOS process technology which allows low quiescent current operation independent of output load current. This CMOS process also allows the TPS73001 to operate under extremely low dropout conditions.



SOT-23-6L

ORDERING INFORMATION

Device	Package
TPS73001SF6	SOT-23-6L

Please contact us for more information about this product.