

FEATURES

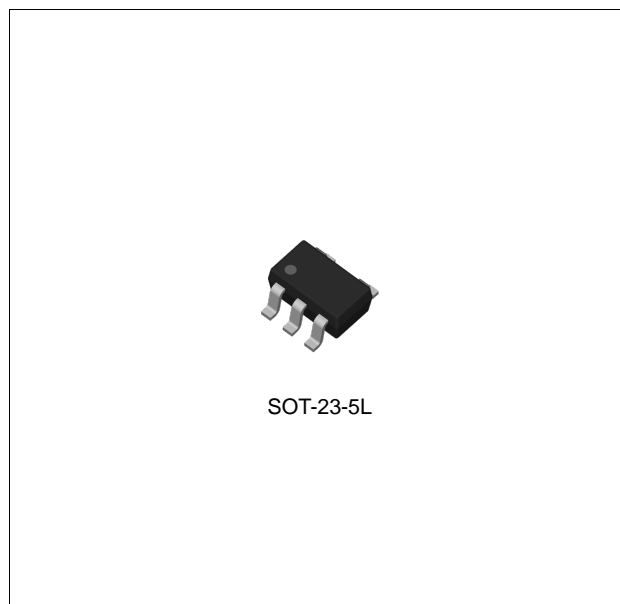
- Ultra-Low Dropout Voltage
- Compatible with low ESR MLCC as Input/ Output Capacitor
- Good Line and Load Regulation
- Guaranteed Output Current of 600 mA
- Adjustable Output Voltage up to 4.5 V
- Output Auto Discharge Function
- Over-Temperature/ Over-Current Protection
- Available in SOT-23-5L Package

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 TJ4306 of high performance ultra-low dropout linear regulator operates from 2.5 V to 6.0 V 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 TJ4306 is developed on a CMOS process technology which allows low quiescent current operation independent of output load current. This CMOS process also allows the TJ4306 to operate under extremely low dropout conditions.



SOT-23-5L

ORDERING INFORMATION

Device	Package
TJ4306GSF5-ADJ	SOT-23-5L

Please contact us for more information about this product.