

FEATURES

- Guaranteed Output Current of 150mA
- Highly Output Accuracy: $\pm 1.0\%$
- Low Quiescent Current
- Very Low Dropout Voltage
- Ultra Low Noise Output
- Excellent Line and Load Regulation
- Fixed Output Voltage: 1.2V, 1.8V, 2.5V, and 3.3V
- Adjustable Output Voltage: 1.5V to 12V
- Logic Controlled Shutdown Option
- Stable with Low ESR MLCC
- Over Current Protection
- Over Temperature Protection
- Available in SOT-23-5L Package

APPLICATIONS

- Mobile Phones and Smart Phones
- Digital Cameras and Camcorders
- Portable Communication Devices
- GPS, PDAs and handhelds
- Battery-Powered Devices
- SMPS Post-regulator/DC to DC Modules
- High-efficiency Linear Power Supplies

DESCRIPTION

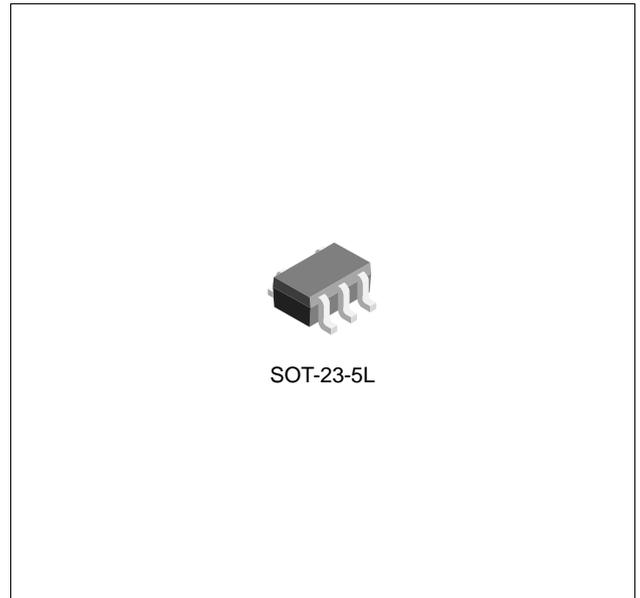
The TPS761xx is an efficient linear voltage regulator with ultra-low noise output, very low dropout voltage, and very low ground current.

The TPS761xx offers better than 1% initial accuracy. Designed especially for hand-held, battery-powered devices, the TPS761xx includes a CMOS or TTL compatible enable/shutdown control input. When shutdown, power consumption drops nearly to zero.

Regulator ground current increases only slightly in dropout, further prolonging battery life.

Key TPS761xx features include reversed-battery protection, current limiting, and over temperature shutdown.

The TPS761xx is available in fixed and adjustable output voltage versions in SOT-23-5 package. The maximum output voltage of the adjustable type is 12V.



ORDERING INFORMATION

Device	Package
TPS761xxSF5	SOT-23-5L

xx: Output Voltage

Please contact us for more information about this product.