

## FEATURES

- Low Quiescent Current
- Very Low Dropout Voltage
- Excellent Line and Load Regulation
- Guaranteed Output Current of 300mA
- Fixed Output Voltage: 1.2V, 1.5V, 1.8V 2.5V, 2.8V, 3.0V, and 3.3V
- Logic Controlled Shutdown Option
- Stable with 1 $\mu$ F MLCC
- Output Auto Discharge Function
- Fast Turn-On Time
- Over Current Protection
- Over Temperature Protection
- Available in SOT-23-5L Package

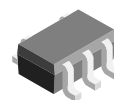
## APPLICATIONS

- Mobile Phones and Smart Phones
- Digital Cameras and Camcorders
- Portable Communication Devices
- GPS, PDAs and handhelds
- Battery-Powered Devices

## DESCRIPTION

The TPS730xx is a series of 300mA high performance low dropout linear voltage regulator ideal for mobile or portable applications with high output voltage accuracy, very low quiescent current, and very low dropout voltage. The TPS730xx series include enable function to save power moreover it provides output auto-discharge function when it is disabled. The series are available with fixed output voltages between 1.2V to 3.3V. The TPS730xx is stable with 1  $\mu$ F MLCC.

The TPS730xx series are available in a SOT-23-5L package which is ideal for high density form factor portable equipment.



SOT-23-5L

## ORDERING INFORMATION

| Device      | Package   |
|-------------|-----------|
| TPS730xxSF5 | SOT-23-5L |

xx: Output Voltage

Please contact us for more information about this product.