



300mA High PSRR LDO Regulators

Features

- Low, 90 μ A No-Load Supply Current
- Guaranteed 300mA Output Current
- Maximum Dropout Voltage is 2V @ 300mA Load
- PSRR=65dB @ 120Hz; 55dB @ 1kHz
- Over-Temperature Protection and Short-Circuit Protection
- Fixed Output Voltage: 1.20V
- Max. Supply Current in Shutdown Mode < 1 μ A
- Stable with low cost ceramic capacitors

Applications

- Notebook Computers
- Cellular Phones
- PDAs
- Digital still Camera and Video Recorders
- Hand-Held Devices
- Audio Codec

General Description

The G984 series is a low supply current, high PSRR, and low dropout linear regulator that comes in a space saving SOT-23-6 package. The supply current at no-load is 90 μ A. In the shutdown mode, the maximum supply current is less than 1 μ A. Operating voltage range is from 2.5V to 6.0V. The over-current protection limit is set at 550mA typical. An over-temperature protection circuit is built-in in the Device to prevent thermal overload. These power saving features make the G984 series ideal for use in the battery-powered applications such as notebook computers, cellular phones, and PDA's.

Ordering Information

| ORDER NUMBER | MARKING | VOLTAGE | TEMP. RANGE | PACKAGE (Green) |
|--------------|---------|---------|--------------|-----------------|
| G984-120TB1U | 984Cx | 1.2V | -40°C~ +85°C | SOT-23-6 |

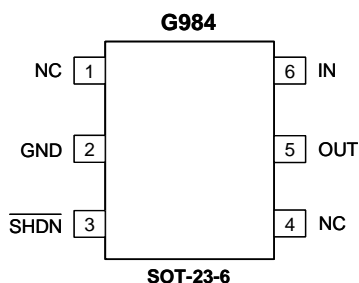
For other output voltage, please contact us at sales@gmt.com.tw

Note:TB: SOT-23-6

1: Bonding Code

U: Tape & Reel

Pin Configuration



Typical Application Circuit

