

深圳市芯创世纪电子有限公司 ME6206

Low power consumption, Low ESR Cap.Compatible ME6206 Series

General Description

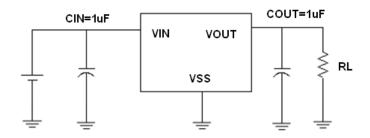
ME6206 series are highly precise, low power consumption, high voltage, positive voltage regulators manufactured using CMOS and laser trimming technologies .The series provides large currents with a significantly small dropout voltage.

The series is compatible with low ESR ceramic capacitors .The current limiter's foldback circuit also operates as a short protect for the output current limiter and the output pin.

Typical Application

- Mobile phones
- communication equipment
- Portable games
- Cameras, Video systems
- Reference voltage sources
- Battery powered equipment

Typical Application Circuit



Features

- Maximum Output Current: 300mA(V_{IN}=4.3V,V_{OUT}=3.3V)
- Dropout Voltage: 200mV@ I_{OUT} =100mA
- Input Voltage Range: up to 6.0V
- Highly Accuracy: ±2%
- Low Power Consumption: 8uA (TYP.)
- Excellent Input Stability
- Be available to regulator and reference voltage

Package

• 3-pin SOT89-3, SOT23-3, TO92, SOT23