
Low power consumption, Low dropout voltage,

With CE function ME6215 Series

General Description

ME6215 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 current limiter's foldback circuit also operates as a short protect for the output current limiter and the output pin. The CE function allows the output of regulator to be turned off, resulting in greatly reduced power consumption. The ME6215 series can operate with up to 18V input.

Applications

- Battery powered equipment
- Communication tools
- Mobile phones
- Portable games
- Portable AV systems
- Cameras, Video systems
- Reference voltage sources

Features

- Highly Accurate: $\pm 2\%$
- Output voltage range: 1.5V~5.0V
- Low power consumption: 6 μ A(TYP.)
- Large output current:
300mA ($V_{IN}=3.8V, V_{OUT}=2.8V$)
- Input voltage: up to 18V
- Dropout voltage:
0.16V at 100mA and 0.32V at 200mA
- CE Pin Function : Active High
- Short-circuit Current: 25mA(TYP.)
- Excellent Input Stability
- Be available to regulator and reference voltage

Package

- 5-pin SOT23-5