

Parameters Subject to Change Without Notice

DESCRIPTION

The JW[®]7801 is a low power high withstand-voltage voltage regulator which can also provide a reset function. The JW7801 has high-accuracy output voltage and detection voltage. The short circuit protection can protect the chip from a large load current or deadly output short to ground. The quiescent current is as low as 2.5uA.

The JW7801 is available in a 5-pin SOT23-5 package, which provides a compact solution with minimal external components.

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FEATURES

- High-accuracy output voltage
 $V_{OUT}=3.3V$, Accuracy $\pm 2.4\%$
- High-accuracy detection voltage
 $V_{DET}=10/7.5/5V$, Accuracy $\pm 2.4\%$
- Low current consumption
 $I_Q=2.5\mu A$, $I_{SD}=1.77\mu A$
- Wide operating input range voltage from 10V to 40V
- Short circuit protection
- Available in SOT23-5 package

APPLICATIONS

- Constant voltage power supply or reset circuit of battery-powered equipment, VTR, camera, communications equipment and others.
- Lithium-ion secondary battery pack

TYPICAL APPLICATION

