

Parameters Subject to Change Without Notice

DESCRIPTION

JW[®]7118 is an over-voltage protection and over-current-protection device. JW7118 protect downstream components from abnormal high voltage input up to 30V and large current up to 2.5A by turning off its integrated N-channel MOSFET.

JW7118 provide a complete protection solution, including over-current protection (OCP), over-voltage protection (OVP), over-temperature protection (OTP) and under voltage lockout protection (UVLO).

The JW7118 integrates a 500Ω pull-down resistor for quick output discharge when the switch is turned off.

The JW7118 offers both 6-pin SOT23-6 and 8-pin DFN3x2 package.

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FEATURES

- Up to 30V Over-voltage Protection
- 70mΩ On Resistance
- Low 60μA Quiescent Current
- OVP Threshold: 6.1V
- High Accuracy OVP Threshold
- OVP Response Time Less than 1μS
- Power-on Debounce time: 8mS
- OCP Threshold: min 2.5A
- Over-temperature Protection
- Under Voltage Lockout Protection
- Quick Output Discharge

APPLICATIONS

- LCD Monitor TV
- USB Ports
- Laptop, Notebook Computers
- Portable Equipment

TYPICAL APPLICATION

