

*Parameters Subject to Change Without Notice*

### DESCRIPTION

JW<sup>®</sup>7106 is a low on-resistance single channel load switch with programmable turn-on rise time. It contains n-channel MOSFETS that can provide 6A maximum continuous current per channel. JW7106 can operate over an input voltage range of 0.8V to 5.5V.

In JW7106, a 220Ω load resistor is integrated for quick output discharge when load switch is turned off. The optional external capacitor connected to SS is used for output slew rate control.

JW7106 offers DFN2×2-8 package.

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### FEATURES

- Operating Range : 0.8V ~ 5.5V
- Low Quiescent Current (35uA)
- Low ON-Resistance
- Up to 6A Maximum Load Current
- Low-voltage Enable Control
- Externally Programmable Rise Time
- Quick Output Discharge
- Thermal Shutdown
- Available in DFN2×2-8 Package

### APPLICATIONS

- Portable computers
- Tablet PCs
- Consumer Electronics
- Set-top Boxes and Residential Gateways
- Telecom Systems
- Solid-State Drives (SSD)

### TYPICAL APPLICATION

