

Parameters Subject to Change Without Notice

DESCRIPTION

JW[®]1763M/A/B/C/D is a constant current LED regulator with high output current accuracy which applies to single stage step-down LED drivers. High voltage power MOSFET is integrated, which can significantly simplify the driver system. High precision constant current control ensures high accuracy of output current. Critical conduction mode operation reduces the switching loss and significantly increases the efficiency, also reduces the electromagnetic interference.

JW1763M/A/B/C/D can be supplied from the bus voltage directly, and auxiliary winding is not needed.

JW1763M/A/B/C/D has multi-protection functions which largely enhance the safely and reliability of the system, including LED short-circuit protection, LED open protection and over-temperature protection.

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FEATURES

- High Voltage MOSFET Integrated
- Good Line and Load Regulation
- High Accuracy ($\pm 5\%$) Output Current Control
- Under Voltage/Clamping Protection
- LED Short Protection and LED Open Protection
- SOP7, DIP7, SOP8, DIP8 packages

APPLICATIONS

- LED Driver

TYPICAL APPLICATION

