

Parameters Subject to Change Without Notice

DESCRIPTION

JW[®]1992E is a non-isolated constant current LED regulator with high current accuracy which applies to single stage step-down LED drivers. Operating in the boundary mode makes it high efficiency and low radiation. Patented algorithms ensure good current accuracy and excellent line/load regulations.

JW1992E is supplied from the line directly without auxiliary winding or external capacitor, which can lower the system BOM cost.

With unique sampling techniques, JW1992E has multi-protection functions which can largely enhance the safety and reliability of the system, including LED short protection, LED open protection and over-temperature protection.

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FEATURES

- No auxiliary winding
- Excellent line/load regulation
- Boundary mode operation
- High efficiency
- LED short protection
- LED open protection
- DIP7 packages

APPLICATIONS

- LED driver

TYPICAL APPLICATION

