

### Adaptive 100/120Hz Current Ripple Remover Max Input Current $\leq 1.5A$

*Parameters Subject to Change Without Notice*

#### DESCRIPTION

JW<sup>®</sup>1236B is used to drive a LED string ( $\leq 80V$ ), and remove the 100/120Hz current ripple on AC/DC power.

Patented control scheme ensures the good ripple removing performance with ultra-low BOM cost, no external components.

JW1236B provides all-round protections, output short protection (SCP), output open protection (OVP), HOT-PLUG protection and over thermal protection (OTP). When the OTP is triggered, ripple current will be released with the temperature.

The maximum LED current is internally limited at 2.3A.

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#### FEATURES

- Adaptive 100/120Hz current ripple remover
- Input voltage range 15V~80V
- Built-in 80V power MOSFET
- Internal LED voltage limit
- Internal LED current limit
- Short/Open protection
- Hot plug protection
- Over temperature protection
- TO252-2 , TO220-3 packages

#### APPLICATIONS

- LED lighting

#### TYPICAL APPLICATION

