

Adaptive 100/120Hz Current Ripple Remover Max Input Current $\leq 0.3A$

Parameters Subject to Change Without Notice

DESCRIPTION

JW[®]1236A 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.

JW1236A 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 0.8 A.

Company's Logo is Protected, "JW" and "JOULWATT" are Registered Trademarks of JoulWatt technology Inc.

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
- SOT89-3 ,TO252-2 and TO220-3 packages

APPLICATIONS

- LED lighting

TYPICAL APPLICATION

