

*Preliminary Specifications Subject to Change without Notice*

## DESCRIPTION

The JW<sup>®</sup>5213L is a current mode monolithic buck switching regulator. Operating with an input range of 2.5V-6V, the JW5213L delivers 3A of continuous output current with integrated P-Channel and N-Channel MOSFETs. The internal synchronous power switches provide high efficiency. At light loads, the regulator operate in low frequency to maintain high efficiency and low output ripples. Current mode control provides tight load transient response and cycle-by-cycle current limit.

The JW5213L guarantees robustness with latch off output short-circuit protection, latch off over-voltage protection, start-up current run-away protection, input under voltage lockout protection, hot-plug in protection, and thermal protection.

The JW5213L provides output power good indication.

The JW5213L is available in 8-pin DFN2X2-8 package, which provides a compact solution with minimal external components.

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

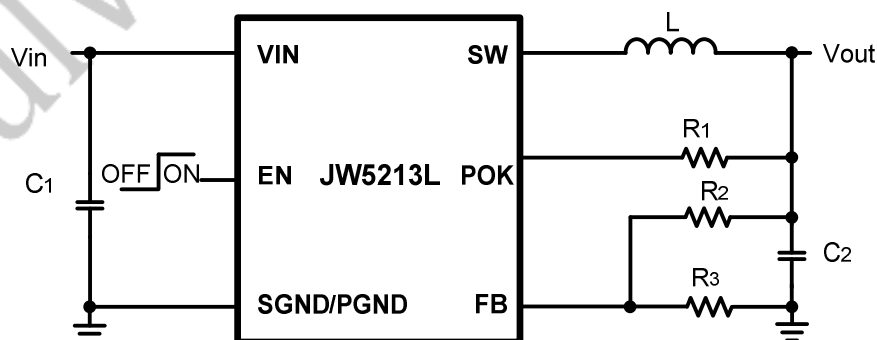
## FEATURES

- 2.5V to 6V operating input range
- Up to 3A output current
- Up to 95% peak efficiency
- Internal soft-start
- 1MHz switching frequency
- Input under voltage lockout
- Short circuit protection
- Over voltage protection
- Thermal protection
- Hot-plug in protection
- Output POK indication
- RoHS compliant and halogen free
- Available in DFN2X2-8 package

## APPLICATIONS

- 5V or 3.3V Point of Load Conversion
- Set Top Boxes
- Telecom/Networking Systems
- Storage Equipment
- GPU/DDR Power Supply

## TYPICAL APPLICATION



单击下面可查看定价，库存，交付和生命周期等信息

[>>JOULWATT\(杰华特\)](#)