

## SINGLE SUPPLY 12V SYNCHRONOUS PWM CONTROLLER WITH INTERNAL COMPENSATION

### FEATURES

- 12V Gate Driver
- Bus voltage operation from 9V to 15V
- Loss-Less Current limit by sensing Rdson of Synchronous MOSFET
- Fixed compensation gain
- Internal 300kHz or 600kHz operation(2306A)
- Internal Digital Soft Start Function
- Adaptive deadband Control
- Shut Down via pulling OCP pin
- SOIC8 package

### TYPICAL APPLICATION

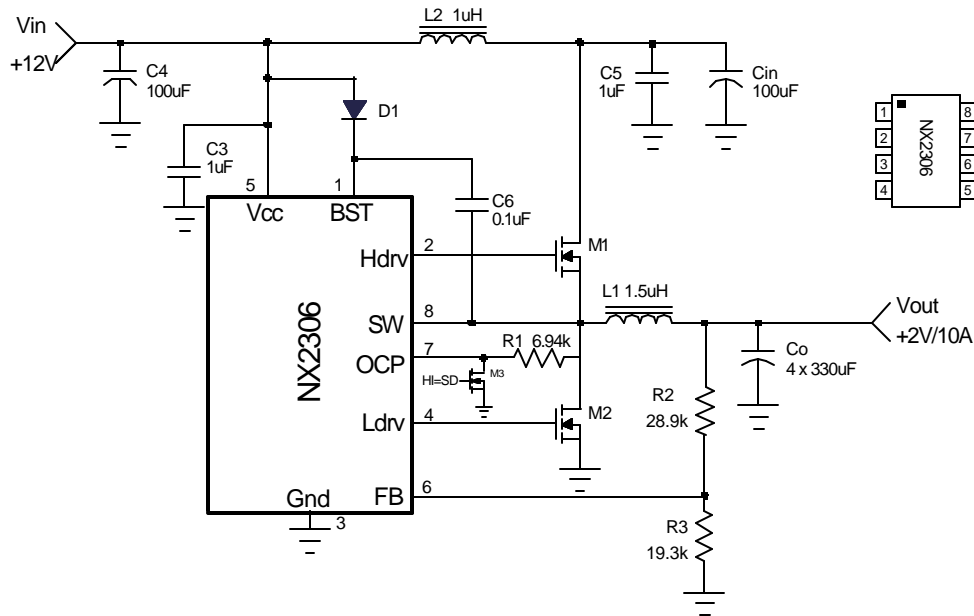


Figure 1 - Typical application of 2306