

SYNCHRONOUS PWM CONTROLLER WITH INTERNAL COMPENSATION

FEATURES

- Bus voltage operation from 2V to 25V
- Fixed 300kHz(NX2118), 600kHz(NX2118A)
- Internal Digital Soft Start Function
- Less than 50 nS adaptive deadband
- Internal compensation
- Programmable hiccup Current limit by sensing R_{dson} of Synchronous MOSFET
- No negative spike at V_{out} during startup and shutdown
- SOIC8 package

TYPICAL APPLICATION

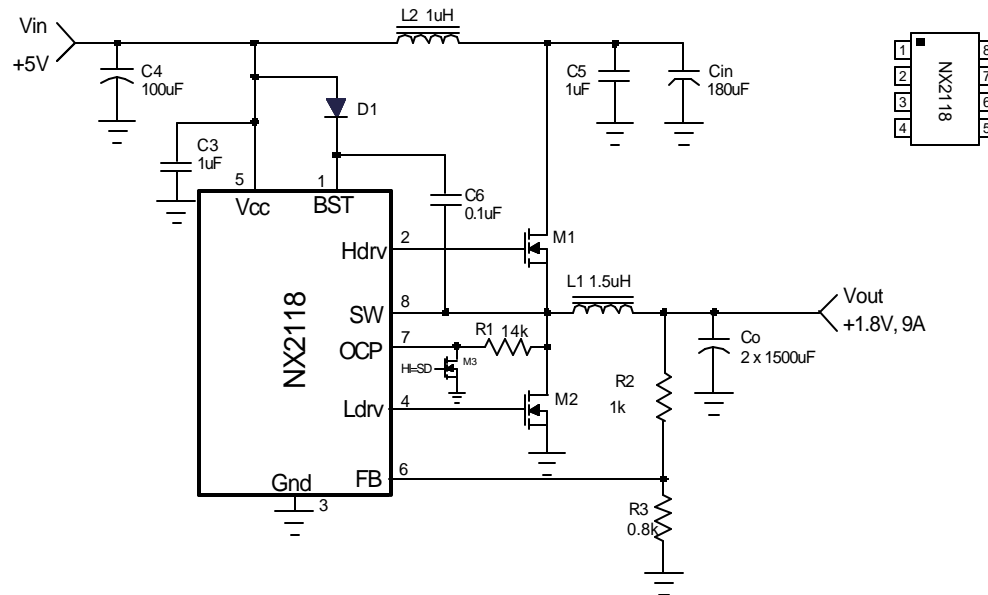


Figure1 - Typical application of 2118