

FEATURES

- Up to 7 V Supply Voltage
- Configurable Phase Multiplier as Doubler from A Single PWM Input
- Capable of Generating High Output Switching Frequency from 200 kHz to 2000 kHz
- Tri-State PWM Input for Power Stage Shutdown
- Small Size: DFN2x2-8L Package
- Operating Ambient Temperature Range of -40°C to 125°C

APPLICATIONS

Desktop Computers
Data Center

GENERAL DESCRIPTION

The **HP1800** is a phase multiplier which is designed to double the phase count from a controller.

The **HP1800** is capable of driving two independent power stages from a single PWM input. The input PWM signal is internally split to drive two power stages 180° out of phase, each at half of the PWM input frequency.

The **HP1800** is available in DFN-8L package, 2 mm x 2 mm body size.

TYPICAL APPLICATION CIRCUIT

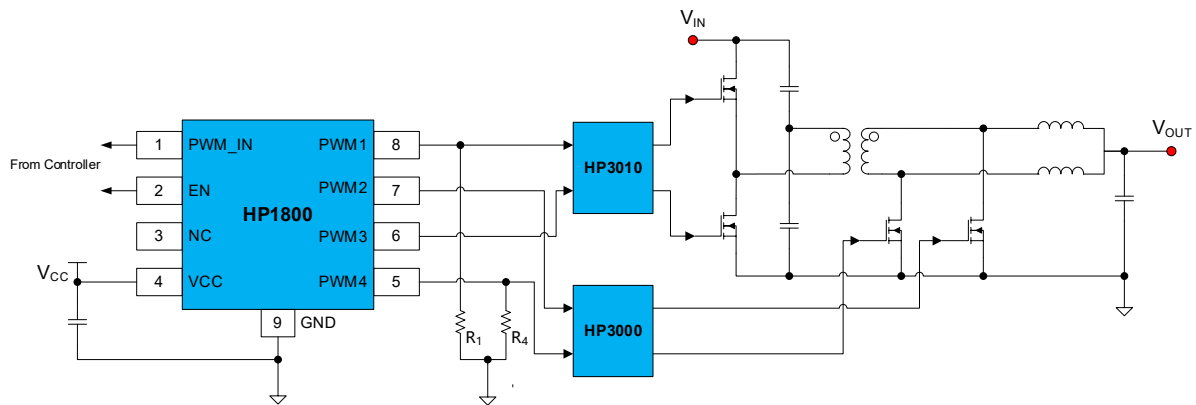


Figure 1 Typical Application Circuit