



H-Bridge, Brushed DC Motor Driver, 2–6.8 V, 3.0 A, 200 kHz

MPC17511

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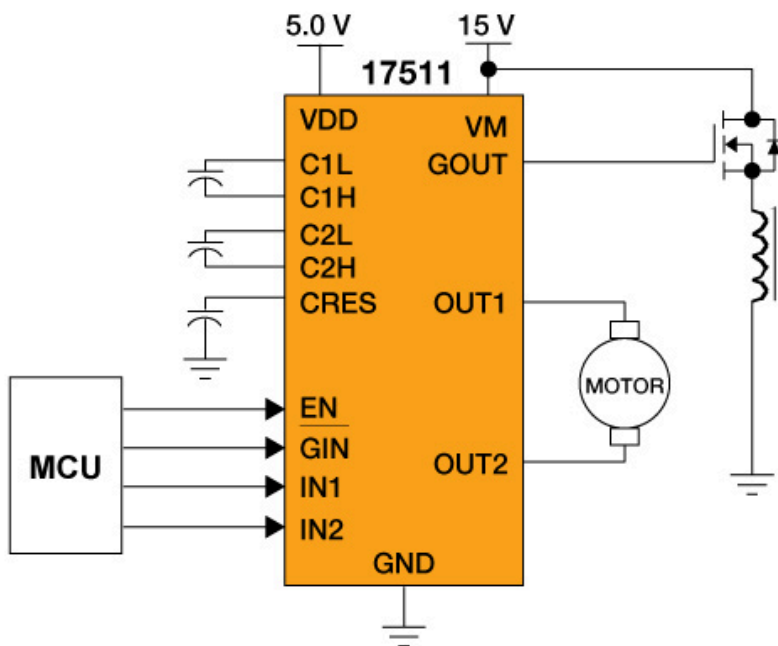
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The NXP® MPC17511 is a monolithic H-Bridge IC that is ideal for portable electronic applications to control various micro DC-motors such as single lens cameras and optical disc drives.

- Drives various types of micro motors with low loss via parallel drive; each section has efficient drivers designed for PWM control frequency up to 200 kHz for high speed drive and independent input/output circuitry
- Contains an integrated charge pump and level shifter for gate drive voltages, with an integrated shoot through current protection circuit and undervoltage circuit detector to avoid malfunction
- 4 output control modes: Forward, Reverse, Brake, Tri-state (Open)

H-Bridge, Brushed DC Motor Driver, 2-6.8V, 3.0A, 200kHz Block Diagram

Simplified Application Diagram



View additional information for [H-Bridge, Brushed DC Motor Driver, 2-6.8 V, 3.0 A, 200 kHz](#).

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