



Dual H-Bridge, Motor Driver, 2–6.8 V, 1.4 A, 200 kHz

MPC17529

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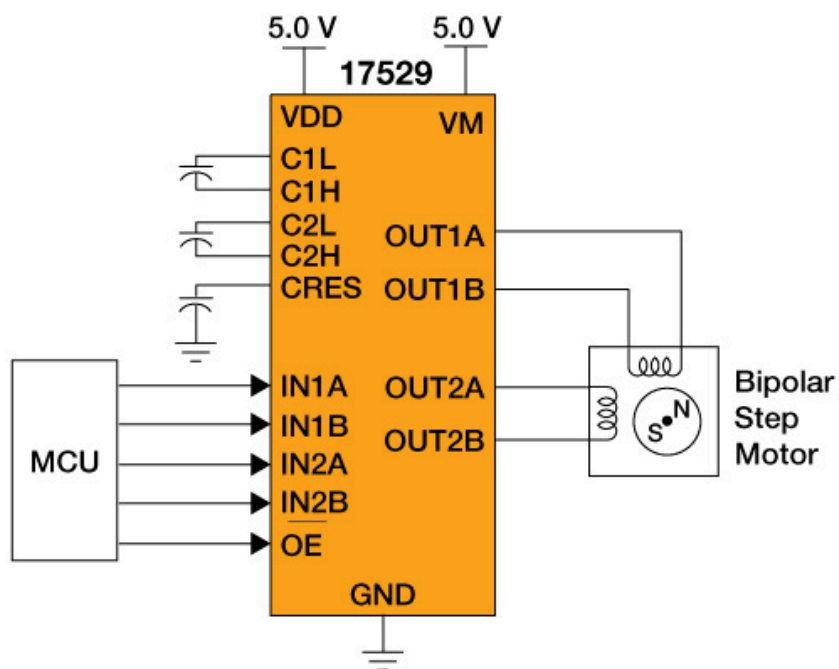
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The NXP® MPC17529 is a monolithic dual H-Bridge IC that is ideal for portable electronic applications to control bipolar stepper motors and Brush DC-motors, such as in camera lens shutters, optical disk drives and other head positioners.

- Enable and tri-state bridge control via a parallel MCU interface (3 and 5 V compatible logic)
- On-board charge pump, and built-in shoot through current protection and undervoltage detector to avoid malfunction
- Can drive various type of micro motor with low loss via parallel drive because each section has efficient drivers for PWM control frequency up to 200kHz for high speed drive and independent input/output circuitry

H-Bridge, Brushed DC/Stepper Motor Driver, 2-6.8V, 1.4A, 200kHz Block Diagram

Simplified Application Diagram



View additional information for [Dual H-Bridge, Motor Driver, 2-6.8 V, 1.4 A, 200 kHz](#).

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