



# SPI-Programmable H-Bridge Brushed DC Motor Driver

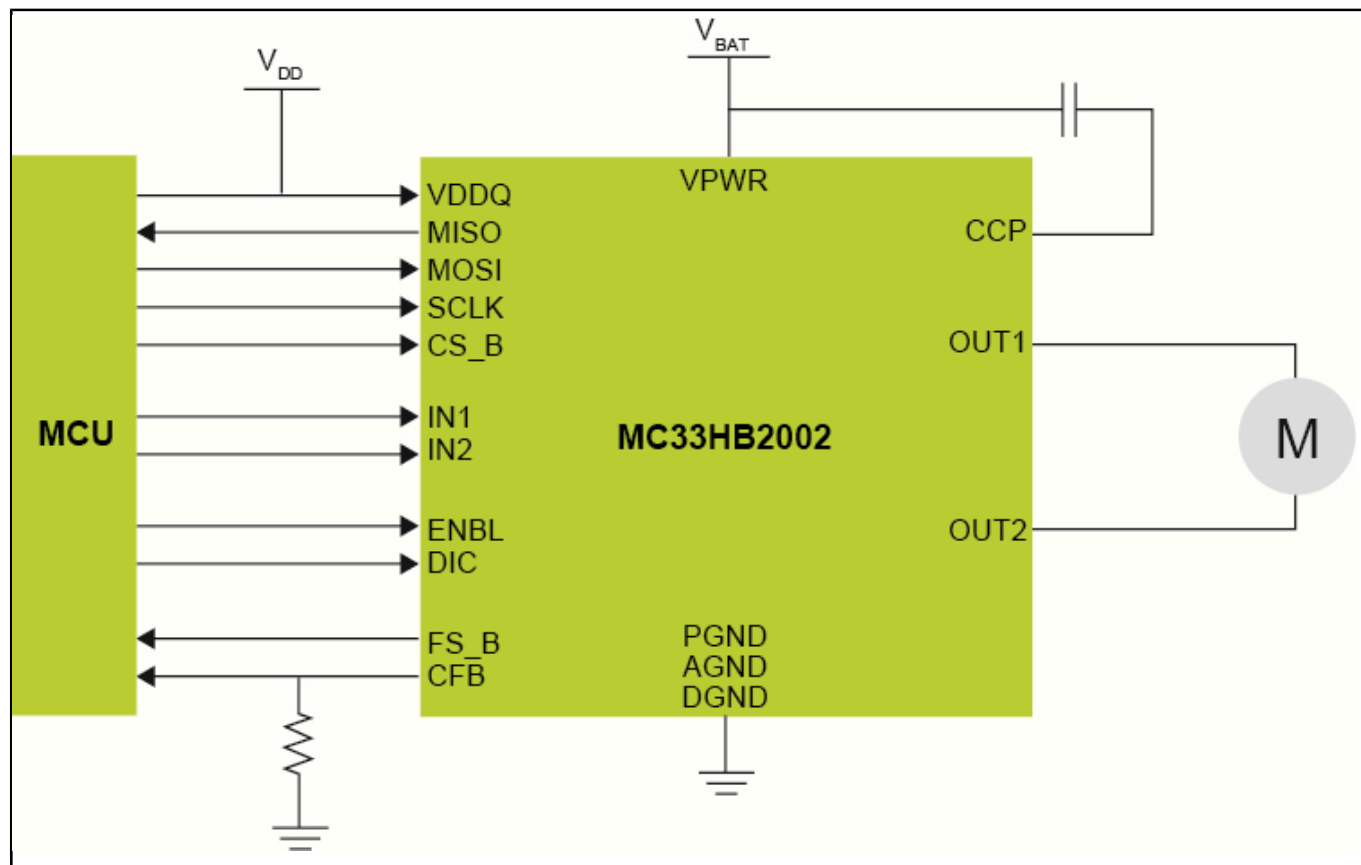
## HB2002

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The HB2002 meets shifting demands for motor control applications in automotive and industrial spaces, delivering the efficient and robust performance necessary for tomorrow's safety-critical solutions.

- **Safety and Protection:** H-Bridge motor driver designed using ISO 26262 processes to support ASIL C and D system qualifications.
- **Scalability:** SPI-programmable current limits, slew rates, fault reporting, and control schemes enable the same IC to service various applications and motor sizes.
- **Thermal Management:** Integrated power MOSFETs have temperature-dependent current limit foldback to reduce power and prevent excessive device heating.

## HB2002: SPI-Programmable H-Bridge Brushed DC Motor Driver Block Diagram



View additional information for [SPI-Programmable H-Bridge Brushed DC Motor Driver](#).

**Note:** The information on this document is subject to change without notice.

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