



# SPI Programmable 10 A H-Bridge Brushed DC Motor Driver

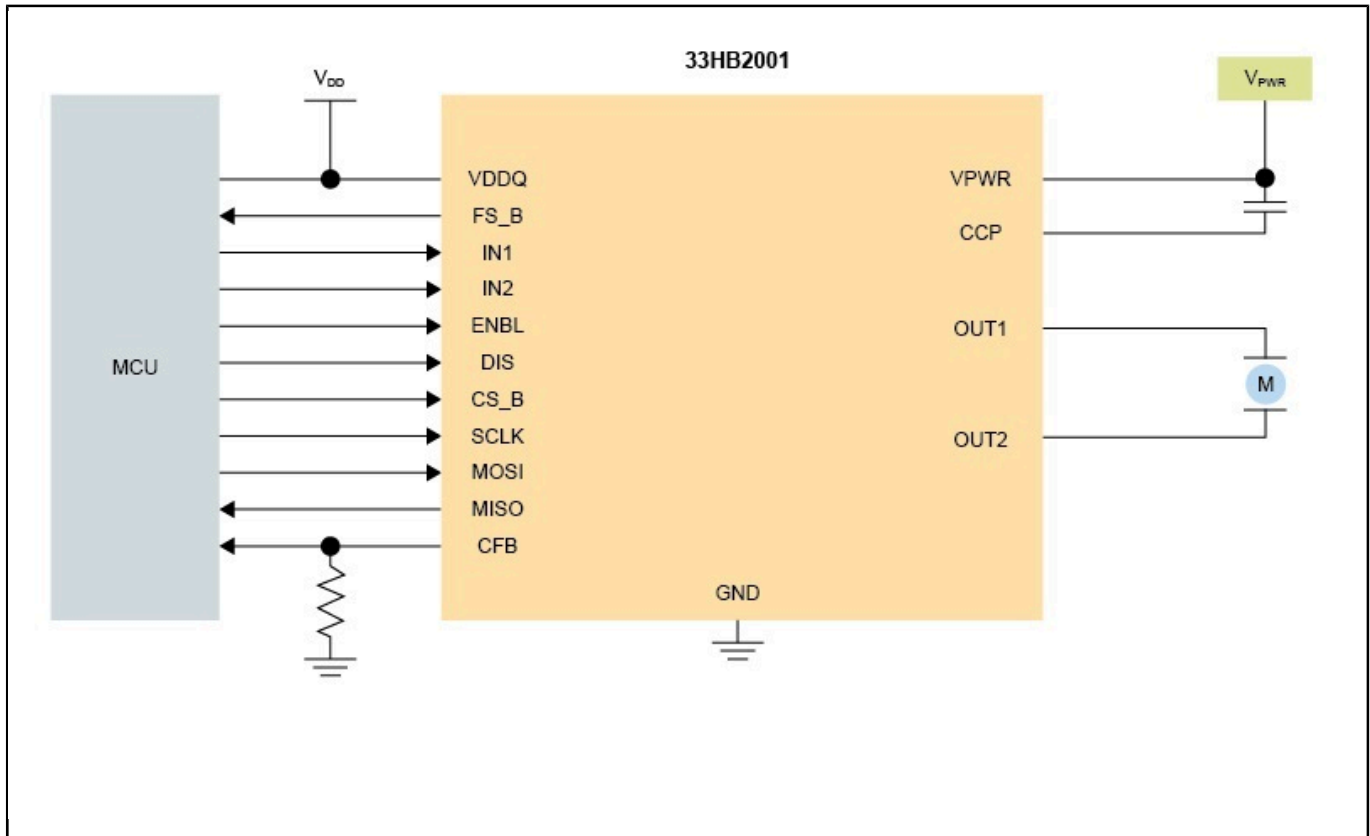
## HB2001

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In line with the green revolution, electric motor control is moving very quickly in the direction of higher efficiency for motor drivers. The HB2001 unique features provide:

- **Safety and Protection:** First NXP® H-Bridge motor driver designed using ISO 26262 processes in support of ASIL level C and D system qualification.
- **Efficient thermal management:** Integrated MOSFETs with temperature dependent current limit scheme to prevent excessive heating of device.
- **Scalability:** SPI programmable current limits and slew rates enable the use of the same motor driver for various motor sizes.

## SPI Programmable 10 A H-Bridge Brushed DC Motor Driver Block Diagram



View additional information for [SPI Programmable 10 A H-Bridge Brushed DC Motor Driver](#).

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

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