SPI Programmable 10 A H-Bridge Brushed DC Motor Driver

HB2001

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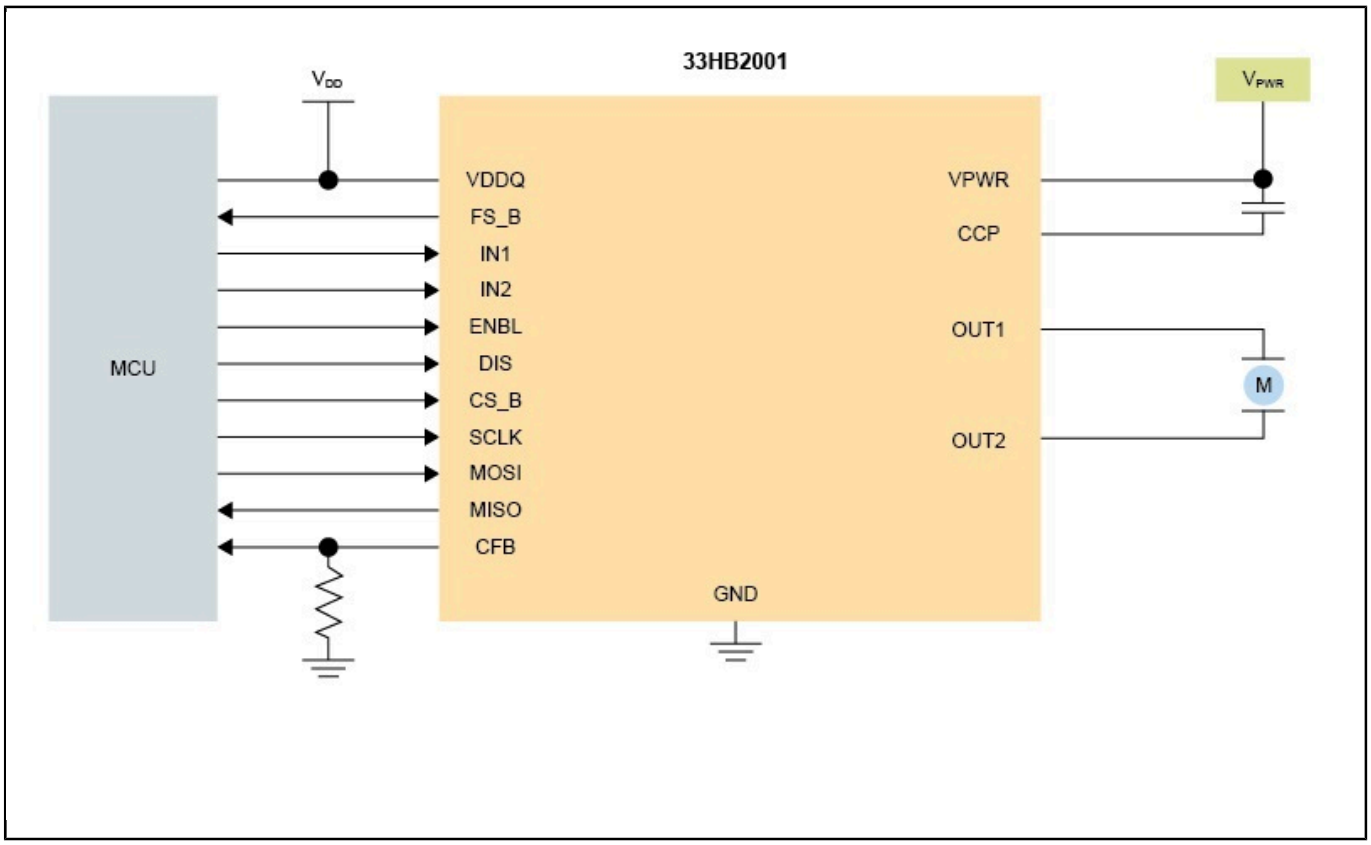
In line with the green revolution, electric motor control is moving very quickly in the direction of higher efficiency for motor drivers. The HB2001 unique features provide:

- 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.

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