



# System Basis Chip with High Speed CAN

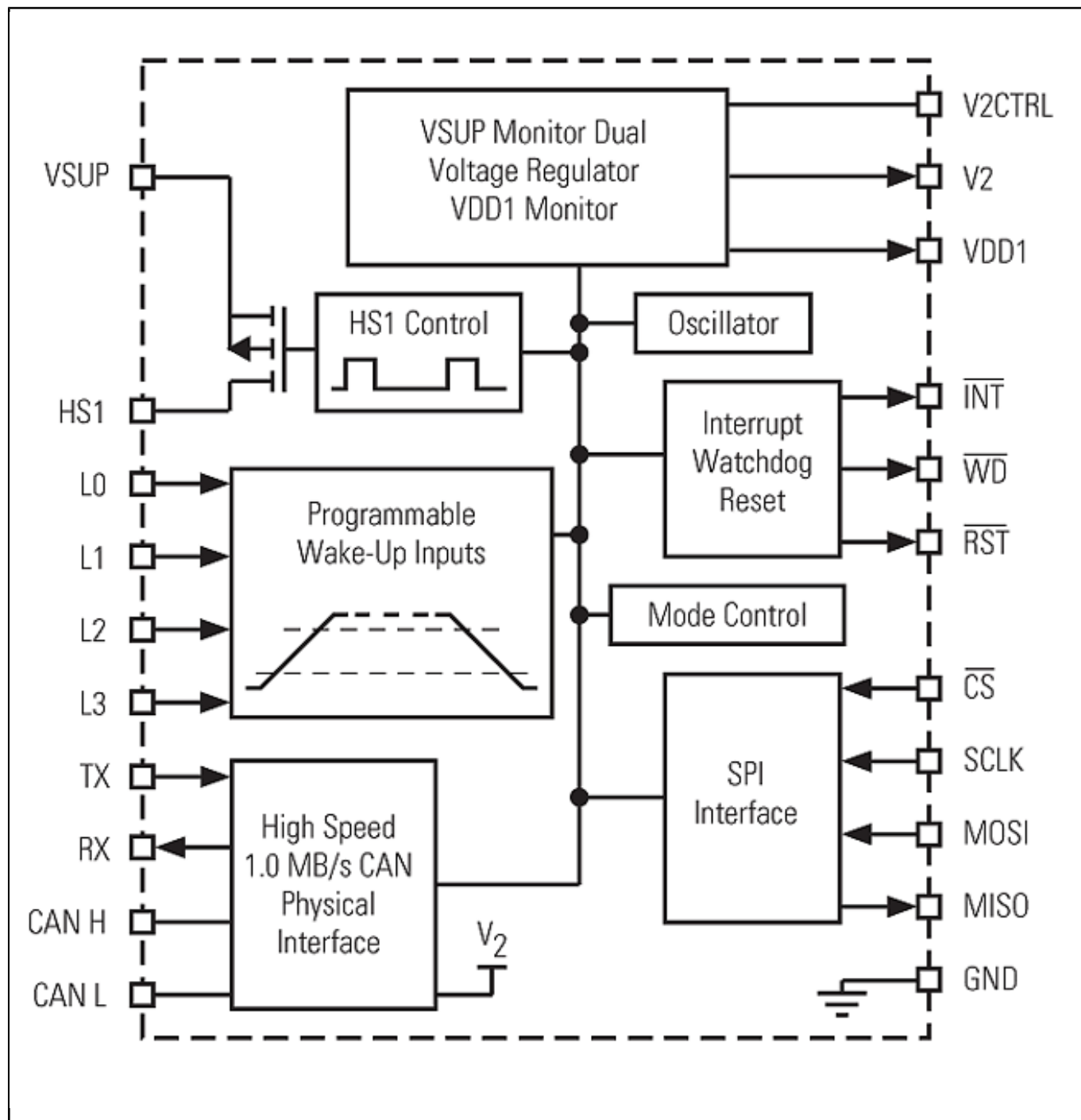
## MC33989

Last Updated: Dec 17, 2024

The NXP® MC33989 is a monolithic integrated circuit that combines many functions frequently used in MCU-based systems, making it an economical solution for providing power, high speed communication, and control.

- Fully protected fixed 5.0 V low drop regulator output with current limit, over temperature pre-warning, and reset provides power for CAN and the MCU
- Provides drive and sense inputs to implement a second 5.0 V regulator using an external series pass PNP that is resistor ratio adjustable to meet peripheral needs
- An internally power supply voltage output with four wake-up inputs, programmable window watch-dog, interrupt, reset, high speed CAN transceiver and SPI input control

## MC33989 BD Block Diagram



View additional information for [System Basis Chip with High Speed CAN](#).

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

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