SBC with Enhanced High-Speed CAN Transceiver

MC33742

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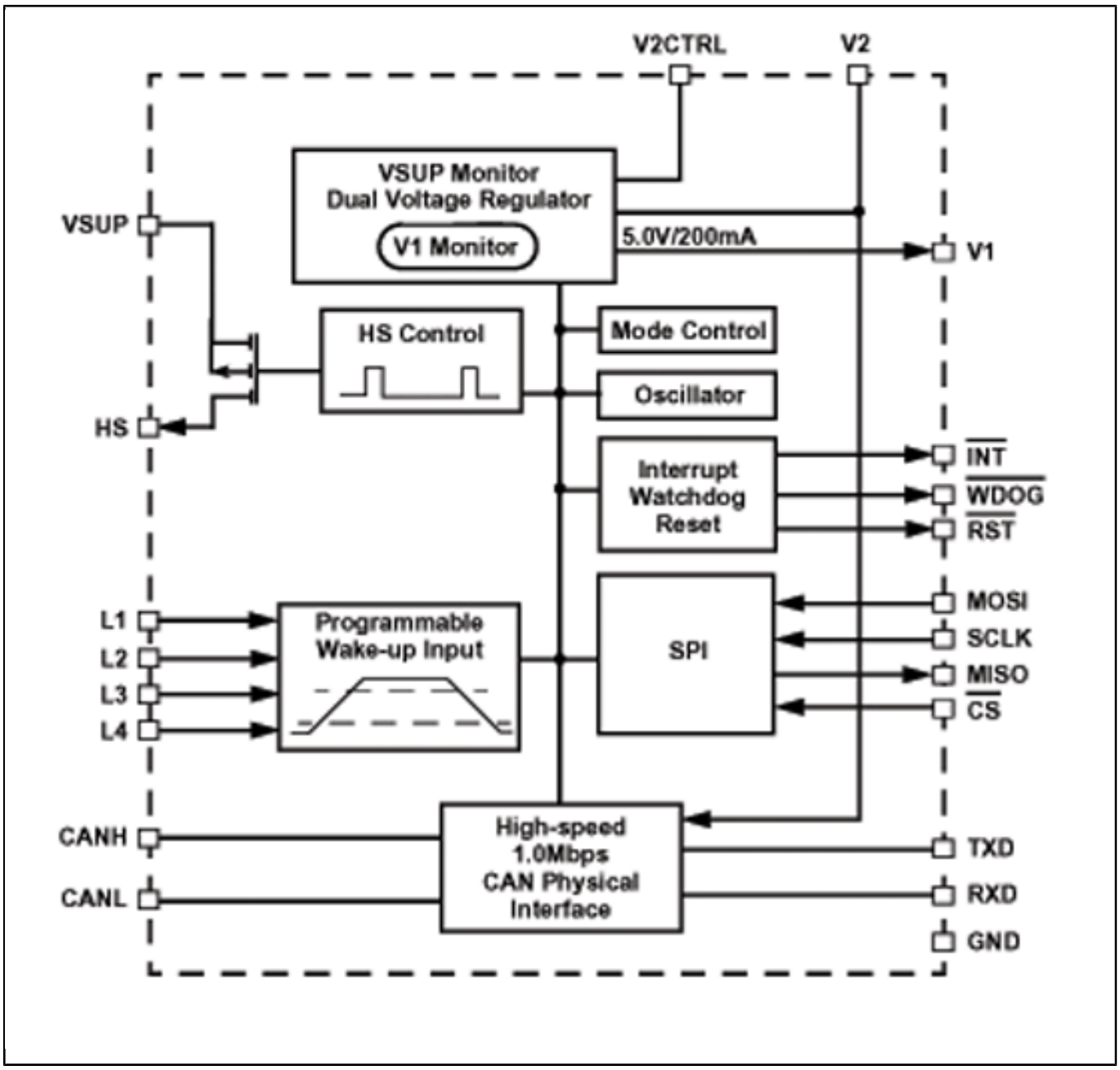
The NXP® MC33742 is a monolithic integrated circuit combining many functions frequently used by automotive environmental control units (ECUs).

- Fully protected fixed 5.0 V low-drop regulator with current limit, overtemperature pre-warning, and reset
- Output drive with sense input is also provided to implement a second 5.0 V regulator using an external PNP bipolar junction transistor
- Normal, standby, stop, and sleep modes, an internally switched high-side power supply output with four wake-up inputs, programmable window watchdog, interrupt, reset, SPI input control, and a high-speed CAN transceiver compatible with CAN 2.0 A and B protocols for module-to-module communication

MC33742 SBC with Enhanced High-Speed CAN Transceiver Block Diagram



View additional information for SBC with Enhanced High-Speed CAN Transceiver.

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