High Speed CAN Transceiver with Partial Networking, CAN FD Data Rates up to 5 Mbit/s

TJA1145A

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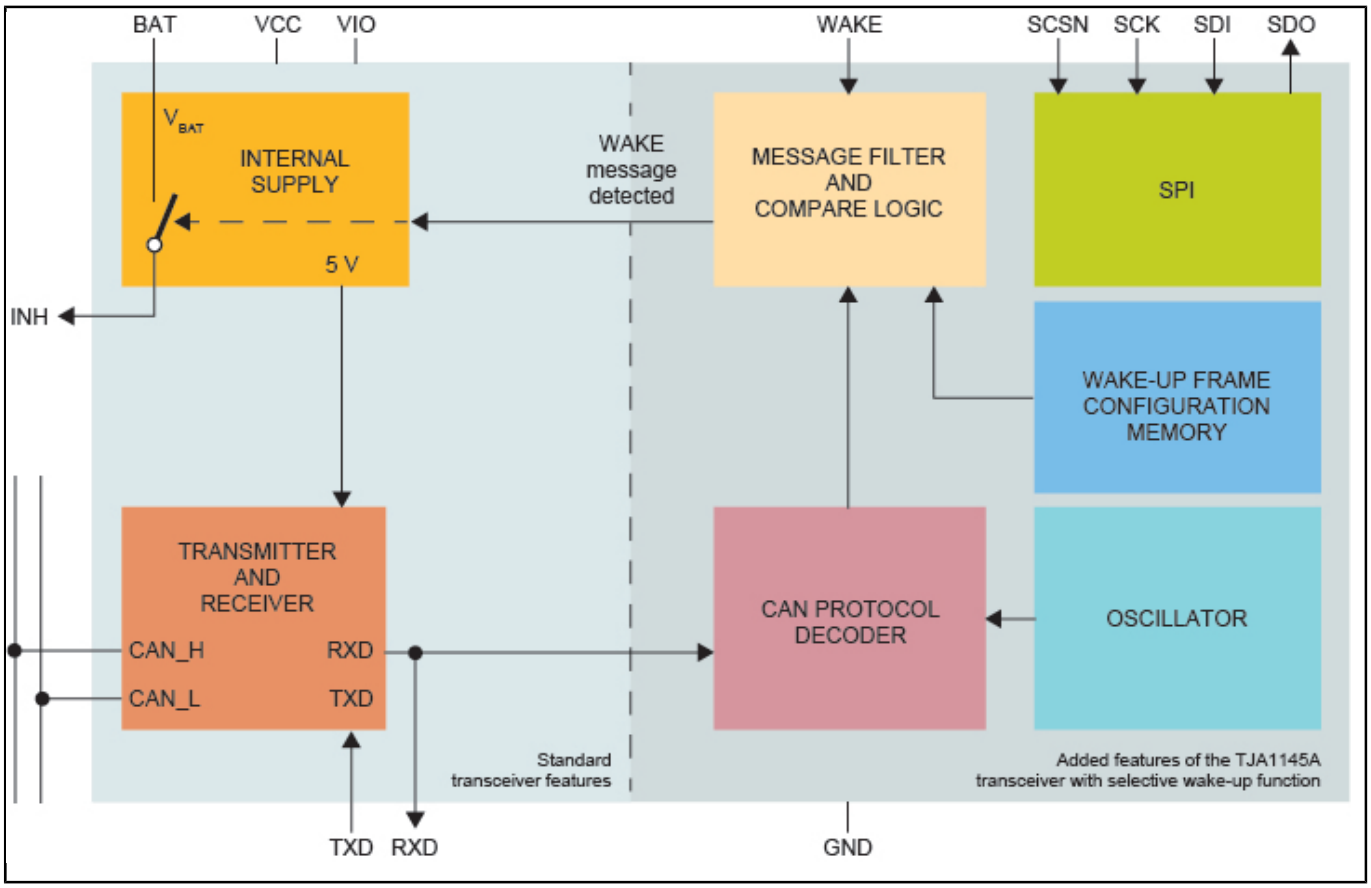
The TJA1145A is a high-speed CAN transceiver that provides an interface between a controller area network (CAN) protocol controller and the physical two-wire CAN bus. The transceiver is designed for high-speed CAN and CAN FD applications in the automotive industry, providing differential transmit and receive capability to a microcontroller with a CAN protocol controller.

TJA1145A supports reliable communication in the CAN FD fast phase at data rates up to 5 Mbit/s.

The TJA1145A features very low power consumption in standby and sleep modes and supports ISO 11898-2:2016 compliant CAN Partial Networking by means of a selective wake-up function.

TJA1145A High Speed CAN Transceiver Block Diagram Block Diagram



View additional information for High Speed CAN Transceiver with Partial Networking, CAN FD Data Rates up to 5 Mbit/s.

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