VeLIO Certified, Dual High-Speed CAN Transceivers with Standby Mode for Automotive Applications

TJA1046V

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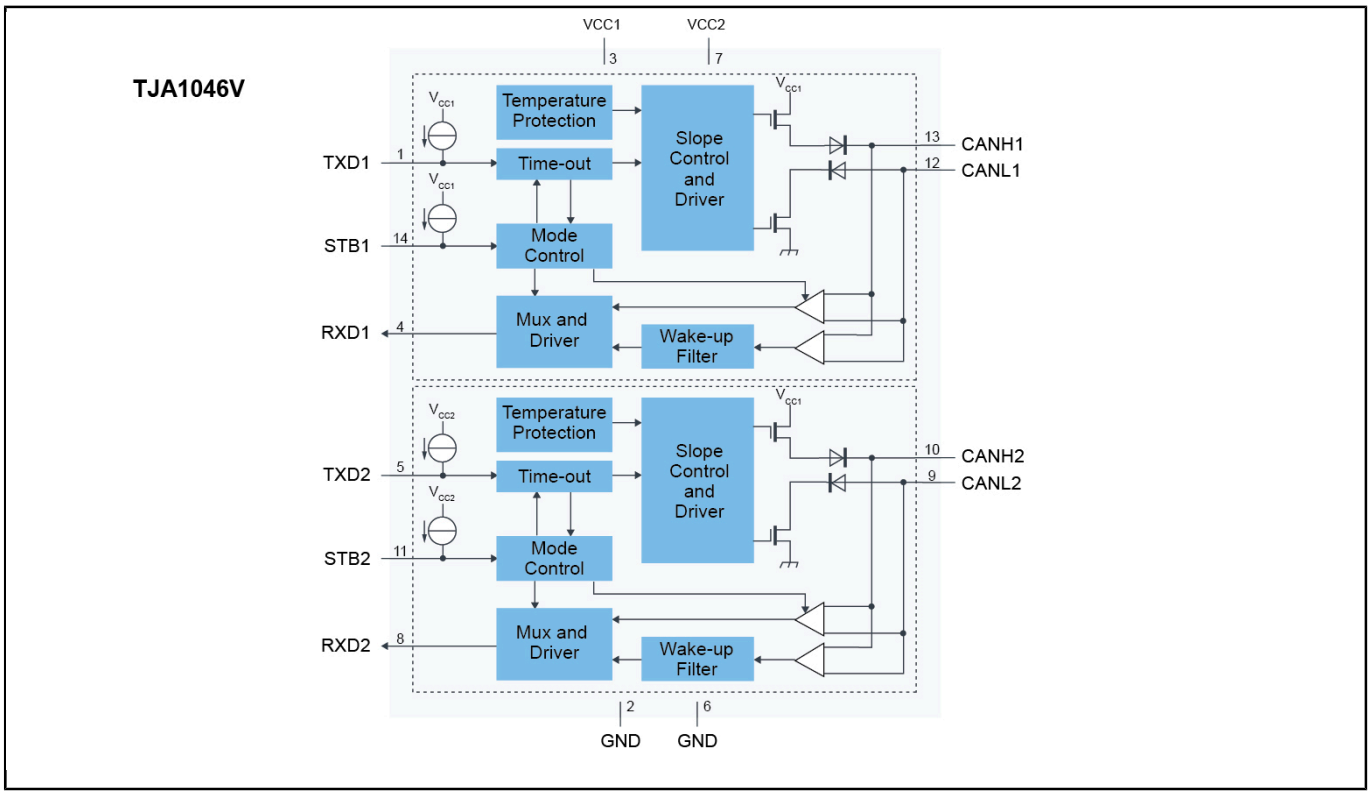
The TJA1046V is a dual high-speed CAN transceiver that provides two interfaces between a Controller Area Network (CAN) protocol controller and the physical two-wire CAN-bus. It is composed of two fully independent TJA1044V transceivers.

The transceivers are designed for high-speed CAN applications in the automotive industry, providing the differential transmit and receive capability to (a microcontroller with) a CAN protocol controller.

The TJA1046V guarantees robust communication at data rates up to 5 Mbit/s as used in, for example, CAN FD networks. The TJA1046V offers a feature set optimized for 12 V automotive applications and excellent ElectroMagnetic Compatibility (EMC) performance.

TJA1046V Block Diagram Block Diagram



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