



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

TJA1044V

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The TJA1044V is part of the Mantis family of high-speed CAN transceivers. It 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 applications in the automotive industry, providing the differential transmit and receive capability to (a microcontroller with) a CAN protocol controller.

The TJA1044V offers a feature set optimized for 12 V automotive applications, with significant improvements over NXP's first- and second-generation CAN transceivers, such as the TJA1040 and TJA1042, and excellent ElectroMagnetic Compatibility (EMC) performance.

