



Dual Channel CAN SIC Transceiver with Standby Mode (ASIL B)

TJA1468 NEW

Preproduction

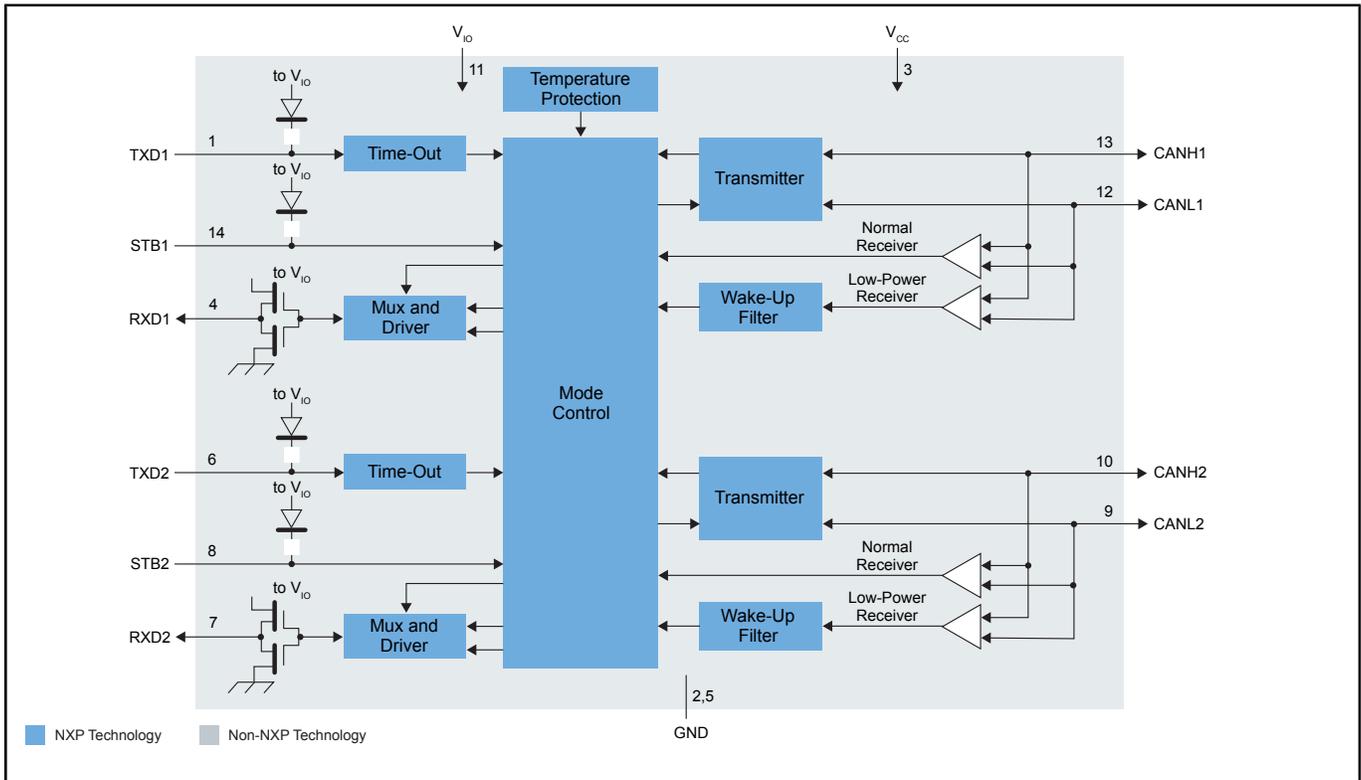
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The TJA1468 is a dual-channel CAN SIC (Signal Improvement Capability) transceiver with standby mode, designed for high-speed automotive and industrial CAN networks. Fully compliant with ISO 11898-2:2024 and SAE J2284-1 through J2284-5, it minimizes signal ringing to ensure reliable CAN FD communication at 5 Mbit/s and supports data rates up to 8 Mbit/s in larger or more complex topologies.

Compared with two single-channel SIC transceivers, the TJA1468 reduces overall system cost and bill-of-materials (BOM) size while providing ASIL B functional safety and bus-load capability compatible with CAN XL. It is a direct drop-in replacement for NXP's TJA1448, enabling an easy upgrade path for existing CAN and CAN FD designs.

TJA1468 Block Diagram



View additional information for [Dual Channel CAN SIC Transceiver with Standby Mode \(ASIL B\)](#).

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