

## Hs Can Transceiver With Integrated Galvanic Isolation

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### Hs Can Transceiver With Integrated

HS-CAN transceiver with integrated galvanic isolation Key features ` 5 kV (RMS) rated isolation voltage, compliant with UL1577, IEC61010 and IEC60950 ` Suitable for 12 V and 24 V systems; compatible with 3 V to 5 V microcontrollers ` Low electromagnetic emission (EME) and high EMI ` Supports ISO6469 `Electrically propelled road vehicles.

### HS-CAN transceiver with integrated galvanic isolation

HS-CAN transceiver with integrated galvanic isolation. The TjF1052i high-speed controller area network (HS-CAN) transceiver provides a galvanically isolated interface between a CAN protocol controller and the physical two- wire HS-CAN bus. It is specifically aimed at industrial applications, where galvanic isolation is necessary to bridge CAN ...

### HS-CAN transceiver with integrated galvanic isolation

The HS CAN-transceiver family TLE6250 (TLE6250G and TLE6250GV33) are monolithic integrated circuits that are available as bare die as well as in a PG-D50-8 package. The ICs are optimized for high speed differential mode data transmission in automotive and industrial applications and they are compatible to ISO/DIS 11898.

### TLE6250G - Infineon Technologies

HS-CAN transceiver with integrated galvanic isolation HS-CAN transceiver with integrated galvanic isolation. The TjF1052i high-speed controller area network (HS-CAN) transceiver provides a galvanically isolated interface between a CAN protocol controller and the physical two- wire HS-CAN bus. It is specifically aimed at industrial applications, where galvanic isolation is

### Hs Can Transceiver With Integrated Galvanic Isolation ...

The TLE9255W is part of the Infineon standard HS CAN transceiver family and provides beside CAN partial networking functions also a CAN FD capability up to 5 MBit/s in HS CAN networks. Configured as a partial networking HS CAN transceiver the TLE9255W can drive and receive CAN FD messages. it can also be used to

### HS CAN Transceiver with Partial Networking

OverviewThe TJA1057 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 micr..

### Basic HS-CAN Transceiver-EDOM Technology

Our high-speed and low-speed controller area network transceivers offer, integrated isolation, high ESD and high fault protection with value-added features specified by the ISO 11898 standard. Our CAN ICs have integrated protection for more robust communication and handle the CAN bus connection with high ESD protection for a variety of applications.

### CAN Transceivers - Maxim Integrated

The HS CAN-transceivers of the TLE6250 family are monolithic integrated circ uits that are avai lable as bare die as well as in a PG-D50-8 package with the same functionality. The transceivers are optimized for high speed differential mode data transmission in automotive applications and industrial applications and they are compatible to ISO 11898.

### High Speed CAN-Transceiver

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### Hs Can Transceiver With Integrated Galvanic Isolation

The ADM3052 is an isolated controller area network (CAN) physical layer transceiver with a V + integrated linear regulator. The ADM3052 complies with the ISO 11898 standard. The device employs Analog Devices, Inc., iCoupler® technology to combine a 3-channel isolator, a CAN transceiver, and a linear regulator into a single package.

### Isolated CAN Transceiver with Integrated High Voltage, Bus ...

This application note explains how to supply the MAX13041 HS-CAN transceiver with the MAX683, a 3.3V-input-to-regulated-5V-output charge pump. It also discusses the impact on electromagnetic emissions and immunity. Overview Compliance with the ISO 11898-2 standard for high-speed CAN communication is only guaranteed if the VCC power supply of

### Achieving Standardized HS-CAN ... - Maxim Integrated

Data Sheet17Rev. 1.02017-08-09HS CAN TransceiverHigh Speed CAN TransceiverFail safe functions7.4Overtemperature protectionThe TLE9251V has an integrated overtemperature detection to protect the TLE9251V against thermal datasheet search, datasheets, Datasheet search site for Electronic Components and Semiconductors, integrated circuits, diodes and other semiconductors.

### TLE9251V datasheet(17/30 Pages) INFINEON | High Speed CAN ...

The wiring harness of the CAN system is particularly problematic, as the CAN\_H and CAN\_L pins of the CAN transceiver are the interface to the bus network running into the entire vehicle. If care is not taken, one can encounter, or create, interference that propagates from the CAN supply, through the transceiver, over the bus wires, and into the neighboring cables of the wiring harness.

### Achieve ISO 11898-2-Compliant 5V HS-CAN C - Maxim Integrated

The NI-XNET CAN HS/FD Transceiver Cable has one 9-pin male D-Sub connector that provides connections to a CAN bus. The NI-XNET CAN HS/FD Transceiver Cable has pins for CAN\_H and CAN\_L, to which you connect the CAN bus signals. Connect these signals using twisted-pair cable.

### NI-XNET CAN HS/FD

General description The TJA1042 High-speed CAN transceiver 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.

### HIGH-SPEED CAN TRANSCEIVER WITH STANDBY MODE Datasheet PDF ...

Keywords: 3V CAN, CAN, CAN Transceivers, TJA1041, TJA1040, TJA1050, PCA82C250, TLE625, CAN BUS, Automotive networks, Automotive CAN, High ESD, low power CAN APPLICATION NOTE 4643 Achieve ISO 11898-2-Compliant 5V HS-CAN Communication from a 3.3V Supply By: Robert Regensburger, Automotive Specialist, Automotive Product Definitions, Maxim Integrated

### Achieve ISO 11898-2-Compliant 5V HS-CAN ... - Maxim Integrated

CAN Interface IC Automotive high speed CAN transceiver 8-SOIC -40 to 125 Enlarge Mfr. Part # TCAN1044VDRQ1. Mouser Part # 595-TCAN1044VDRQ1. New Product. Texas ... Maxim Integrated: CAN Interface IC 3.3V CAN with High FP, CMR, and ESD with STBY Mode. Learn More. Datasheet.

### SMD/SMT SOIC-8 CAN Interface IC - Mouser

L99PM72PXP - Advanced power management IC, with embedded LIN and HS CAN transceiver, supporting CAN Partial Networking, L99PM72PXPTR, L99PM72PXP, STMicroelectronics

### L99PM72PXP - Advanced power management IC, with embedded ...

The receiving side of the automotive links can be integrated in a 19"-rack. On the picture below there are CAN-HS, CAN-LS, and LIN, all integrated in the 19"-case. On top of the 19"-receiver you can see the usual shielded aluminum cases for use in an anechoic chamber. optoA2B The optoA2B can be used for the optical transmission of A2B signals.

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