

CAN Interface IC Hi Spd CAN Transcvr 4.5V-5.5V 250ns

Manufacturers	<u>NXP Semiconductor</u>
Package/Case	SOT-96-1
Product Type	Interface ICs
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for TJA1051T/3,118 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

TJA1051T/3,118 is a transceiver IC (integrated circuit) that is designed to facilitate communication between two different network nodes over a single twisted pair cable. It is manufactured by NXP Semiconductors, a leading semiconductor company.

Features

It operates on a single 5 V supply voltage.

It supports data rates up to 1 Mbps.

It has a very low electromagnetic emission (EME) and electromagnetic susceptibility (EMS) which helps in reducing the system's radiation levels and increasing its immunity to electrical noise.

It supports bus fault detection and correction, which helps in detecting errors in the communication bus and correcting them automatically.

It has a wide temperature range of -40°C to 125°C, which makes it suitable for use in harsh industrial environments.

Application

CAN (Controller Area Network) communication in vehicles

Building automation systems

Industrial automation systems

Energy management systems



Related Products



[TJA1051TK3,118](#)

NXP Semiconductor
8-HVSON



[TJA1051T,118](#)

NXP Semiconductor
SOIC-8



[TJA1044GTJ](#)

NXP Semiconductor
SOIC-8



[TJA1042T/3,118](#)

NXP Semiconductor
SOT-782-1



[TJA1463AT/0Z](#)

NXP Semiconductor
SOP14



[TJA1050T/CM](#)

NXP Semiconductor



[TJA1040T/VM](#)

NXP Semiconductor
SOP-8



[TJA1055T/CM](#)

NXP Semiconductor
SOP-14