

Enhanced fault-tolerant CAN transceiver

Manufacturers	NXP Semiconductor
Package/Case	SOP-14
Product Type	Integrated Circuits (ICs)
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for TJA1055 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

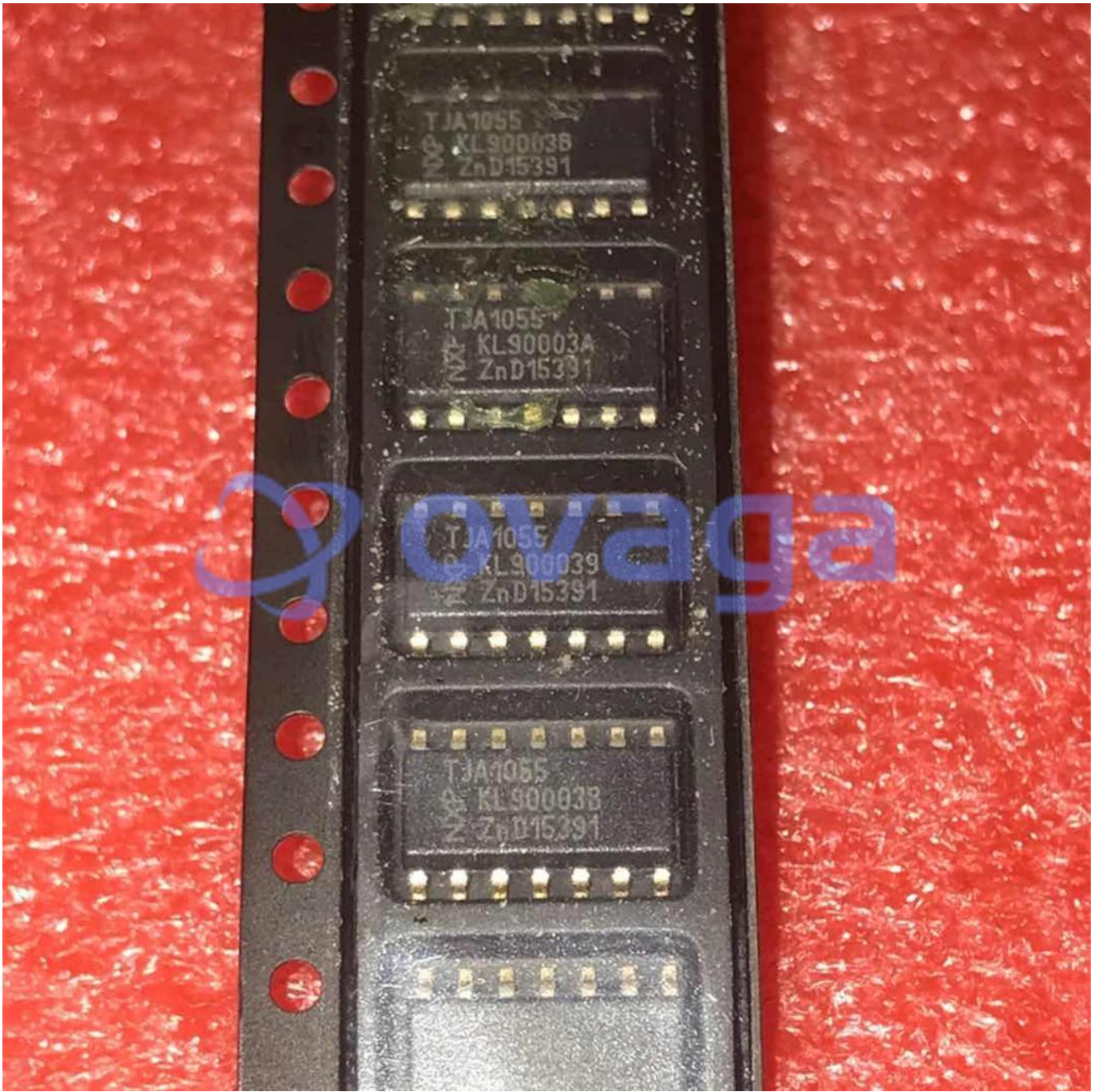
TJA1055 is a transceiver IC (Integrated Circuit) designed for use in Controller Area Network (CAN) bus systems. The CAN bus is a communication protocol used in automotive and industrial applications for transmitting data between microcontrollers and other devices.

Features

- Supports Classical CAN and CAN FD protocols
- Data rates up to 5 Mbps
- Robust against EMI and ESD
- Low standby current consumption
- Wake-up function for low-power operation

Application

- Automotive systems: engine management, body electronics, infotainment, and driver assistance systems
- Industrial automation: factory automation, process control, and building automation
- Medical devices: patient monitoring systems and medical imaging equipment
- Aerospace and defense: avionics, navigation systems, and military vehicles





Related Products



[TJA1040T/CM](#)

NXP Semiconductor



[TJA1081BTS](#)

NXP Semiconductor
16-SSOP (0.209", 5.30mm Width)



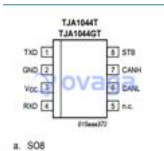
[TJA1145T](#)

NXP Semiconductor



[TJA1040T](#)

NXP Semiconductor
SOP-8



[TJA1044T](#)

NXP Semiconductor
SOP-8



[TJA1051T/3/1](#)

NXP Semiconductor
SOP8



TJA1050T

NXP Semiconductor
SOP-8



TJA1028T/SV0/20/1

NXP Semiconductor
SOP-8