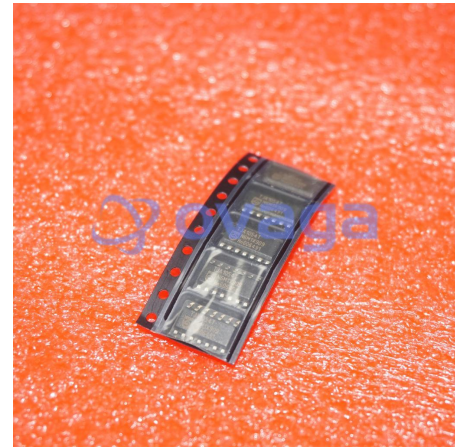


Fault-tolerant CAN transceiver

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



Images are for reference only

Please submit RFQ for TJA1054T or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

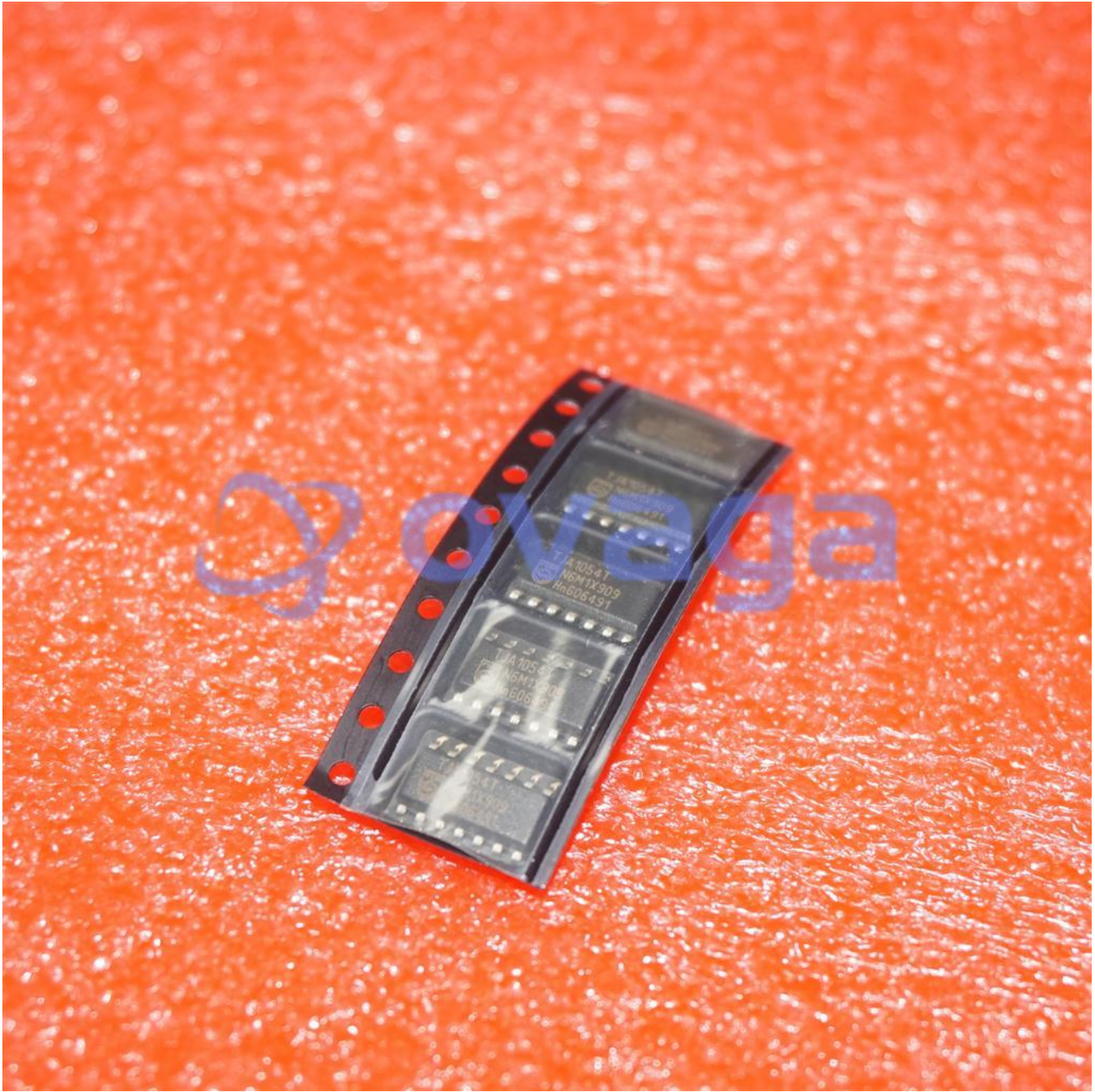
TJA1054T is a transceiver IC (Integrated Circuit) designed for use in Controller Area Network (CAN) bus systems. CAN bus is a communication protocol used in automotive and industrial applications for transmitting data between various electronic devices. TJA1054T is produced by NXP Semiconductors, a leading semiconductor manufacturer.

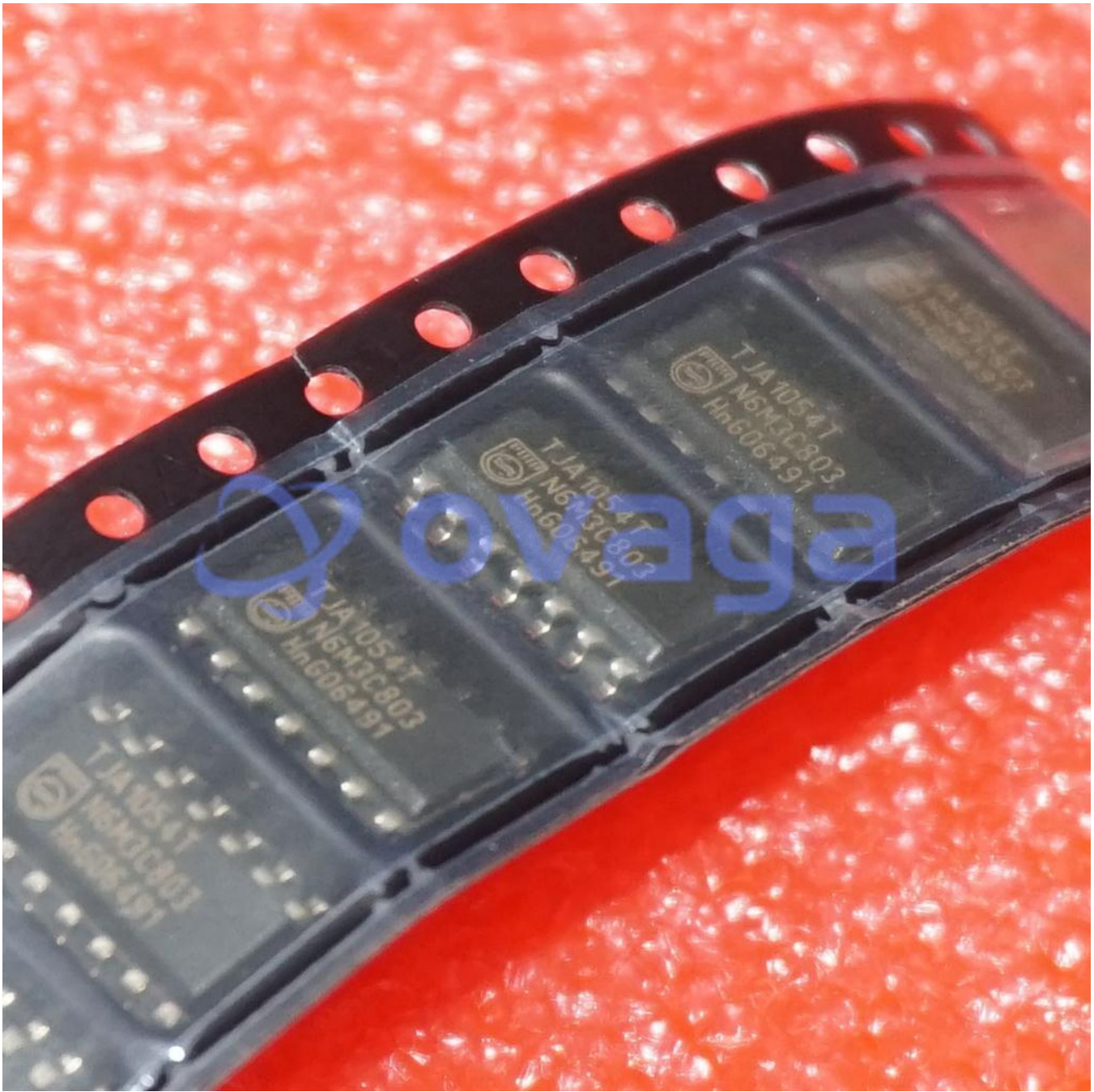
Features

- High-speed data rates up to 1 Mbps
- Low electromagnetic emissions (EME) and susceptibility (EMS)
- Protection against electrostatic discharge (ESD) up to 8 kV
- Operating temperature range from -40°C to +125°C
- Power supply voltage range from 4.5V to 5.5V

Application

- Automotive applications such as engine management systems, airbag systems, and anti-lock brake systems (ABS)
- Industrial automation applications such as factory automation and process control systems
- Medical equipment and devices
- Home automation and smart building systems





Related Products



[TJA1040T/CM](#)

NXP Semiconductor



[TJA1145T](#)

NXP Semiconductor



[TJA1081BTS](#)

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



[TJA1040T](#)

NXP Semiconductor
SOP-8



[TJA1044T](#)

NXP Semiconductor
SOP-8



[TJA1051T/3/1](#)

NXP Semiconductor
SOP8



[TJA1050T](#)

NXP Semiconductor
SOP-8



[TJA1028T/5V0/20/1](#)

NXP Semiconductor
SOP-8