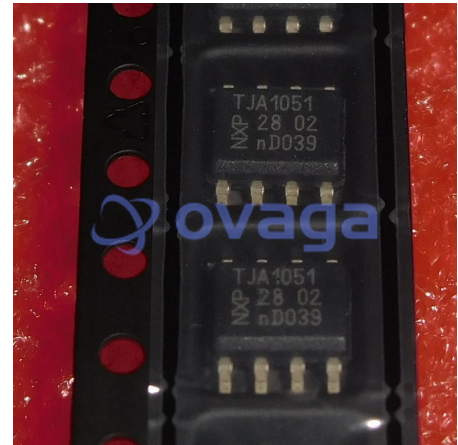


Manufacturers	NXP Semiconductor
Package/Case	
Product Type	
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for TJA1051 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

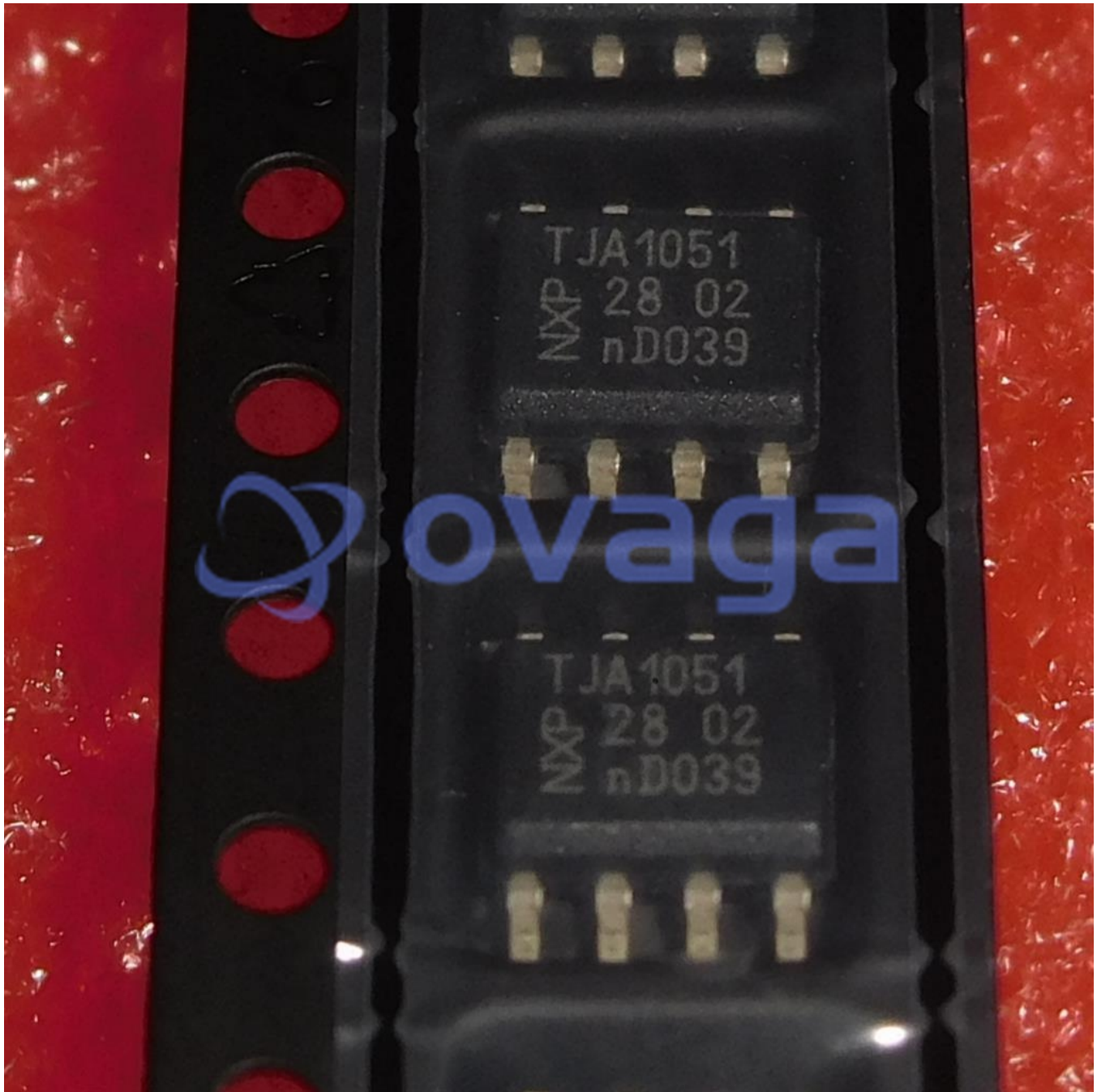
TJA1051 is a low-power, high-speed transceiver used for transmitting and receiving data over a single twisted-pair cable in industrial applications. It is designed to operate in harsh industrial environments and can withstand electrostatic discharge (ESD) up to ± 8 kV.

Features

- Supports data rates up to 1 Mbps
- Wide operating voltage range of 4.5 V to 40 V
- Low quiescent current consumption of 1.3 mA (typical)
- High electromagnetic interference (EMI) immunity
- Supports wake-up capability via bus or local wake-up

Application

- Fieldbus networks such as CAN (Controller Area Network) and DeviceNet
- Building automation systems
- Industrial control systems
- Automotive electronics

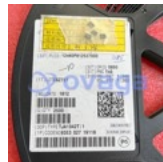


Related Products



[TJA1022TK](#)

NXP Semiconductor



[TJA1042T/1](#)

NXP Semiconductor



[TJA1042T/3/1](#)

NXP Semiconductor



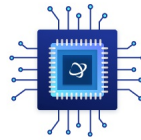
[TJA1057GTK](#)

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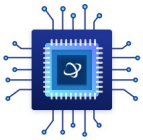
[TJA1042T3](#)

NXP Semiconductor



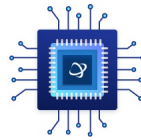
[TJA1021T/20/CM](#)

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[TJA1043T/1](#)

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