

# TJA1153ATK

## Active

Fully qualified to meet NXP quality and reliability requirements. Available for production quantity orders.

## Features

Secure HS-CAN transceiver with Sleep mode.

[Product Summary](#)
[Tools and Software](#)
[Documentation](#)

## Package

### HVSON14

plastic, thermal enhanced very thin small outline package; no leads; 14 terminals, 0.65 mm pitch, 4.5 mm x 3 mm x 0.85 mm body.


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## Buy Options

### TJA1153ATK/0Z

12NC: 935375693431

#### Active

Packing: REEL-Reel 13" Q1/T1 in Sulfur Barrier Bag

Min. Package Quantity: 6000

Min. Order Quantity: 6000

Lead Time: 52

> Available Distributors: TJA1153ATK/0Z

1K @ US

\$1.97

[SAMPLE](#)
[BUY FROM NXP](#)

Availability ⓘ

Availability ⓘ

[BUY FROM DISTRIBUTOR](#)

## Operating Features

Parameter	Value
Recommended Orderable Part Number	TJA1153ATK/0Z
MCU I/O Interface (V)	3.3,5.0
VIO Option Available	Y
Low Power Modes	Sleep Mode, Standby Mode
Data Rate [max] kbps	5000.0
CAN Channels	1
Product Category	Secure CAN / High-Speed CAN / CAN FD
Supply Voltage [Min to Max] (V)	4.75 to 5.25
Data Rate [min] kbps	40.0
Voltage on bus pins [Min-Max] (V)	-58 to 58

Parameter	Value
VESD IEC on bus pins (+/- kV)	0 to 0
VESD HBM on bus pins (+/- kV)	0 to 0
Junction Temperature (Max) (°C)	150
Protection	TXD dominant timeout, overtemperature, undervoltage
Wake-Up Pin	Y
Min High Input Levels (V) [Vio]	2.1
Supported standards	ISO-11898-2:2016, SAE J2284-1, SAE J2284-2, SAE J2284-3, SAE J2284-4, SAE J2284-5
SPLIT Pin	N
Thermal Resistance (Spec) (°C/W)	50
Product Application	Automotive, Industrial

## Environmental

Part/12NC	Pb-Free	EU RoHS	Halogen Free	RHF Indicator	REACH SVHC	Weight (mg)
TJA1153ATK/0Z (935375693431)	Yes	Yes <a href="#">Certificate Of Analysis (CoA)</a>	Yes	D	<a href="#">REACH SVHC</a>	42.375903760499995

## Quality

Part/12NC	Safe Assure Functional Safety	Moisture Sensitivity Level (MSL)		Peak Package Body Temperature (PPT) (C°)	
		Lead Soldering	Lead Free Soldering	Lead Soldering	Lead Free Soldering
TJA1153ATK/0Z (935375693431)	Quality Managed	1	1	240	260

## Shipping

Part/12NC	Harmonized Tariff (US) <a href="#">Disclaimer</a>	CCATS
TJA1153ATK/0Z (935375693431)	854239	-

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