

# TJA1103AHN

## Active

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

## Features

ASIL B Compliant 100BASE-T1 Ethernet PHY.

[Product Summary](#)

[Design Resources](#)

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## Package

### HVQFN36

plastic thermal enhanced very thin quad flat package; no leads; 36 terminals; body 6 mm x 6 mm x 0.85 mm.



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## Buy Options

### TJA1103AHN/0Z

12NC: 935405166431

Active

1K @ US

\$1.44

[BUY FROM DISTRIBUTOR](#)

Packing: [REEL-Reel 13" Q1/T1 in Sulfur Barrier Bag](#)

Min. Package Quantity: 4000

Min. Order Quantity: 4000

Lead Time: 20

> Available Distributors: TJA1103AHN/0Z

## Operating Features

Parameter	Value
Product Category	100BASET1 PHY
Number of Ports	1
Integrated PHYs	1.0 x 100BASE-T1
AEC-Q100 Temperature Range	grade 1
TC10 support	Yes
Single Supply	yes

Parameter	Value
Safety level	up to ASIL-B
ESD Robustness	±4 kV HBM
Diagnostics	OPEN Alliance TC-1 advanced PHY features
Additional Features	802.1AS-2020 timestamping, IEEE1588v2
NXP Software	Linux driver, Realtime driver (ASR and non-ASR)

## Environmental

Part/12NC	PbFree	EU RoHS	Halogen Free	RHF Indicator	REACH SVHC	Weight (mg)
<a href="#">TJA1103AHN/0Z</a> (935405166431)	Yes	Yes <a href="#">Certificate Of Analysis (CoA)</a>	Yes	D	<a href="#">REACH SVHC</a>	92.14425157544525

## 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
<a href="#">TJA1103AHN/0Z</a> (935405166431)	ISO 26262	1	1	240	260

## Shipping

Part/12NC	Harmonized Tariff (US) <a href="#">Disclaimer</a>	Export Control Classification Number (US)	CCATS
<a href="#">TJA1103AHN/0Z</a> (935405166431)	854239	5A991	-



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