



Image may be representation.
See specifications for product details.



TJF1052IT/5Y

Manufacturer Part Number	TJF1052IT/5Y
Manufacturer	NXP Semiconductors
Allelco Part Number	32D-TJF1052IT/5Y
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	DGTL ISOL 5000VRMS 2CH CAN 16SO
Package	16-SOIC (0.295", 7.50mm Width)
Data sheet	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

TJF1052IT/5Y - NXP USA Inc..New Original in Stock. Download Linear Technology TJF1052IT/5Y datasheet/specifications on AllelcoElec.com.
Request a quote for TJF1052IT/5Y, please send us email: info@allelco.com

Specifications

TJF1052IT/5Y Tech Specifications

TJF1052IT/5Y - NXP USA Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	NXP Semiconductors	Package	Tape & Reel (TR)
Voltage - Supply	3V ~ 5.25V	Operating Temperature	-40°C ~ 105°C
Voltage - Isolation	5000Vrms	Number of Channels	2
Type	CAN	Mounting Type	Surface Mount
Technology	Capacitive Coupling	Isolated Power	No
Supplier Device Package	16-SO	Inputs - Side 1/Side 2	1/1
Series	-	Data Rate	2Mbps
Rise / Fall Time (Typ)	-	Common Mode Transient Immunity (Min)	20kV/μs
Pulse Width Distortion (Max)	-	Channel Type	Unidirectional
Propagation Delay tpLH / tpHL (Max)	-	Base Product Number	TJF1052
Package / Case	16-SOIC (0.295", 7.50mm Width)		

Parts with Similar Specifications

The three parts on the right have similar specifications to NXP USA Inc. TJF1052IT/5Y

Product Attribute				
Part Number	TJF1052IT/5Y	TJF1052IT/2Y	ADUM2201BRWZ	SI8641ET-ISR
Manufacturer	NXP USA Inc.	NXP USA Inc.	Analog Devices Inc.	Skyworks Solutions Inc.
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tube	Tape & Reel (TR)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Technology	Capacitive Coupling	Capacitive Coupling	Magnetic Coupling	Capacitive Coupling
Propagation Delay tpLH / tpHL (Max)	-	-	50ns, 50ns	13ns, 13ns
Supplier Device Package	16-SO	16-SO	16-SOIC	16-SOIC
Pulse Width Distortion (Max)	-	-	3ns	4.5ns
Base Product Number	TJF1052	TJF1052	ADUM2201	SI8641
Voltage - Isolation	5000Vrms	2500Vrms	5000Vrms	5000Vrms
Series	-	-	iCoupler®	SI864x
Voltage - Supply	3V ~ 5.25V	3V ~ 5.25V	3V ~ 5.5V	2.5V ~ 5.5V
Package / Case	16-SOIC (0.295", 7.50mm Width)	16-SOIC (0.295", 7.50mm Width)	16-SOIC (0.295", 7.50mm Width)	16-SOIC (0.295", 7.50mm Width)
Channel Type	Unidirectional	Unidirectional	Unidirectional	Unidirectional
Number of Channels	2	2	2	4
Rise / Fall Time (Typ)	-	-	2.5ns, 2.5ns	2.5ns, 2.5ns
Isolated Power	No	No	No	No
Type	CAN	CAN	General Purpose	General Purpose
Common Mode Transient Immunity (Min)	20kV/μs	20kV/μs	25kV/μs	60kV/μs
Operating Temperature	-40°C ~ 105°C	-40°C ~ 105°C	-40°C ~ 105°C	-40°C ~ 125°C
Data Rate	2Mbps	2Mbps	10Mbps	150Mbps
Inputs - Side 1/Side 2	1/1	1/1	1/1	3/1

TJF1052IT/5Y Datasheet PDF

Download TJF1052IT/5Y pdf datasheets and NXP USA Inc. documentation for TJF1052IT/5Y - NXP USA Inc..

Datasheets

[Cylindrical Battery Holders.pdf](#)

PCN Packaging

[All Dev Label Update 15/Dec/2020.pdf](#)

[Mult Dev Pkg Seal 15/Dec/2020.pdf](#)

Environmental Information



NXP USA Inc REACH.pdf



NXP USA Inc RoHS Cert.pdf

Customers Also Interested in

Recommended Products



TJF1052IT/2Y

NXP USA Inc.
DGTL ISOL 2500VRMS 2CH CAN 16SO



ADUM2201BRWZ

Analog Devices Inc.
DGTL ISO 5000VRMS 2CH GP 16SOIC



SI8641ET-ISR

Skyworks Solutions Inc.
DGTL ISO 5000VRMS 4CH GP 16SOIC



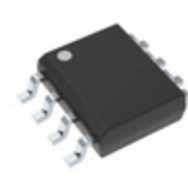
ISO7721DR

Texas Instruments
DGTL ISO 3000VRMS 2CH GP 8SOIC



ISO7420ED

Texas Instruments
DGTL ISO 2500VRMS 2CH GP 8SOIC



ISO7221ADR

Texas Instruments
DGTL ISO 2500VRMS 2CH GP 8SOIC



TJF1051T/3,118

NXP USA Inc.
IC TRANSCEIVER HALF 1/1 8SO



ISO7521CDW

Texas Instruments
DGTL ISO 4243VRMS 2CH GP 16SOIC



TJF1051T/3

Freescale / NXP Semiconductors



TJF1051T/1

Freescale / NXP Semiconductors



TJF1051T/CM

Freescale / NXP Semiconductors



SI8421BD-D-ISR

Skyworks Solutions Inc.
DGTL ISO 5000VRMS 2CH GP 16SOIC



ADUM1412ARWZ

Analog Devices Inc.
DGTL ISO 3750VRMS 4CH GP 16SOIC



ADUM5404ARWZ-RL

Analog Devices Inc.
DGTL ISO 2500VRMS 4CH GP 16SOIC



TJF1051T

Freescale / NXP Semiconductors



SI8640BD-B-ISR

Skyworks Solutions Inc.
DGTL ISO 5000VRMS 4CH GP 16SOIC



ISO7421FED

Texas Instruments
DGTL ISO 2500VRMS 2CH GP 8SOIC



SI8422AB-D-IS

Skyworks Solutions Inc.
DGTL ISO 2500VRMS 2CH GP 8SOIC

Shipment

Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

Delivery Cost

> Use your express account for shipment if you have one.

> Use our account for the shipment. Refer to the table below for the approximate charges.

(Different time frame / countries / package size has different price.)

Delivery Method

> Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.

> Others more shipping ways, please get in touch with your customer manager.

Common Countries Logistic Time Reference

Region	Country	Logistic Time(Day)
America	United States	5
	Brazil	7
Europe	Germany	5
	United Kingdom	4
	Italy	5
Oceania	Australia	6
	New Zealand	7
Asia	India	6
	Japan	7
Middle East	Israel	6

DHL & FedEx Shipment Charges Reference

Shipment charges(KG)	Reference DHL(USD\$)
0.00kg-1.00kg	USD\$60.00
1.00kg-2.00kg	USD\$70.00
2.00kg-3.00kg	USD\$80.00

Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

The payment method can be chosen from the methods shown below:

Wire Transfer (T/T, Bank Transfer), Western Union, Credit card,
PayPal.



Your Faithful Supply Chain Partner -



Efficient Supply
Management



Cost-Saving
Procurement



Fast Sourcing &
Delivery

Contact us if you have any questions.



Phone

+00852 9146 4856



Email

info@allelco.com

Certifications & Memberships



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