



NXP Semiconductors / Freescale



Image may be representation. See specifications for product details.

TJA1052IT/2Y

|                     |                                                                                                                    |
|---------------------|--------------------------------------------------------------------------------------------------------------------|
| Part Number:        | TJA1052IT/2Y                                                                                                       |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                                     |
| Product description | DGTL ISOLATOR 2.5KV 2CH CAN 16SO                                                                                   |
| Datasheets:         |  <a href="#">TJA1052IT/2Y.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant       |
| Ship From           | Hong Kong                                                                                                          |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                              |

REQUEST FOR QUOTATION

Specifications of TJA1052IT/2Y

|                                      |                                                                                                                      |
|--------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                          | TJA1052IT/2Y                                                                                                         |
| MANUFACTURER                         | NXP Semiconductors / Freescale                                                                                       |
| DESCRIPTION                          | DGTL ISOLATOR 2.5KV 2CH CAN 16SO                                                                                     |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                                                                                           |
| DATA SHEET                           |  <a href="#">TJA1052IT/2Y.pdf</a> |
| VOLTAGE - SUPPLY                     | 3 V ~ 5.25 V                                                                                                         |
| VOLTAGE - ISOLATION                  | 2500Vrms                                                                                                             |
| TYPE                                 | CAN                                                                                                                  |
| TECHNOLOGY                           | Capacitive Coupling                                                                                                  |
| SUPPLIER DEVICE PACKAGE              | 16-SO                                                                                                                |
| SERIES                               | Automotive, AEC-Q100                                                                                                 |
| RISE / FALL TIME (TYP)               | -                                                                                                                    |
| PULSE WIDTH DISTORTION (MAX)         | -                                                                                                                    |
| PROPAGATION DELAY TPLH / TPHL (MAX)  | -                                                                                                                    |
| PACKAGING                            | Original-Reel®                                                                                                       |
| PACKAGE / CASE                       | 16-SOIC (0.295", 7.50mm Width)                                                                                       |
| OTHER NAMES                          | 568-13278-6                                                                                                          |
| OPERATING TEMPERATURE                | -40°C ~ 125°C                                                                                                        |
| NUMBER OF CHANNELS                   | 2                                                                                                                    |
| MOUNTING TYPE                        | Surface Mount                                                                                                        |
| MOISTURE SENSITIVITY LEVEL (MSL)     | 3 (168 Hours)                                                                                                        |
| MANUFACTURER STANDARD LEAD TIME      | 8 Weeks                                                                                                              |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                                                                                           |
| ISOLATED POWER                       | No                                                                                                                   |
| INPUTS - SIDE 1/SIDE 2               | 1/1                                                                                                                  |
| DETAILED DESCRIPTION                 | CAN Digital Isolator 2500Vrms 2 Channel 5Mbps 20kV/μs CMT1 16-SOIC (0.295", 7.50mm Width)                            |
| DATA RATE                            | 5Mbps                                                                                                                |
| COMMON MODE TRANSIENT IMMUNITY (MIN) | 20kV/μs                                                                                                              |
| CHANNEL TYPE                         | Unidirectional                                                                                                       |

Related Tags

|                                             |                                         |                                                 |
|---------------------------------------------|-----------------------------------------|-------------------------------------------------|
| NXP Semiconductors / Freescale TJA1052IT/2Y | TJA1052IT/2Y Distributor                | TJA1052IT/2Y Supplier                           |
| TJA1052IT/2Y Price                          | TJA1052IT/2Y Pictures                   | TJA1052IT/2Y Image                              |
| TJA1052IT/2Y PDF Datasheet                  | TJA1052IT/2Y Download Datasheet         | TJA1052IT/2Y Datasheet                          |
| TJA1052IT/2Y Stock                          | Buy TJA1052IT/2Y                        | Buy NXP Semiconductors / Freescale TJA1052IT/2Y |
| NXP Semiconductors / Freescale TJA1052IT/2Y | NXP Semiconductors / Freescale Supplier | NXP Semiconductors / Freescale Distributor      |
| NXP Semiconductors / Freescale TJA1052IT/2Y | NXP Semiconductors TJA1052IT/2Y         | Freescale TJA1052IT/2Y                          |
| Freescale Semiconductor - NXP TJA1052IT/2Y  | NXP USA Inc. TJA1052IT/2Y               |                                                 |

Related Products

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| <div></div> <div><b>TJA1054AT,512</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC CAN TXRX FAULT-TOL 14-SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>TJA1051T/E,118</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC CAN TRANSCEIVER HS 8SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div>    |
| <div></div> <div><b>TJA1051T/CM,118</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC TRANSCEIVER CAN 8SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div>    | <div></div> <div><b>TJA1053T/N1,512</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC CAN TXRX FAULT-TOL 14-SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>TJA1051T/E,11J</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC CAN TRANSCEIVER HS 8SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div>  | <div></div> <div><b>TJA1053T/N,112</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC TXRX CAN 14BIT 5V 14-SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div>   |
| <div></div> <div><b>TJA1052IT/5Y</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: DGTL ISOLATOR 5KV 2CH CAN 16SO<br/>In stock: 567 pcs<br/><div>RFQ</div></div>   | <div></div> <div><b>TJA1053T/N,118</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC TXRX CAN 14BIT 5V 14-SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div>   |
| <div></div> <div><b>TJA1052IT/1Y</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: DGTL ISOLATOR 1KV 2CH CAN 16SO<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>TJA1053T/N1,518</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC TXRX CAN 14BIT 5V 14-SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
| <div></div> <div><b>TJA1051TK/3/1J</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC CAN TRANSCEIVER HS 8HVSON<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>TJA1051TK/3,118</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC CAN TRANSCEIVER HS 8HVSON<br/>In stock: Out stock<br/><div>RFQ</div></div>  |