

Image may be representation.  
See specifications for product details.



## MAX4889CETO+T

|                          |  |
|--------------------------|--|
| Manufacturer Part Number | <b>MAX4889CETO+T</b>                   |
| Manufacturer             | <b>Maxim Integrated</b>                |
| Allelco Part Number      | 32D-MAX4889CETO+T                      |
| ECAD Model               | Request Free CAD Models                |
| Parts Description        | IC SWITCH OCTAL SPDT 42TQFN            |
| Package                  | 42-WFQFN Exposed Pad                   |
| Data sheet               | <b>Cylindrical Battery Holders.pdf</b> |
| RoHs Status              | <b>ROHS3 Compliant</b>                 |

**Get a Quote**

MAX4889CETO+T - Analog Devices Inc./Maxim Integrated. New Original in Stock. Download Linear Technology MAX4889CETO+T datasheet/specifications on AllelcoElec.com.  
Request a quote for MAX4889CETO+T, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

MAX4889CETO+T Tech Specifications

MAX4889CETO+T - Analog Devices Inc./Maxim Integrated technical specifications, attributes, parameters

| Product Attribute             | Attribute Value      | Product Attribute                 | Attribute Value |
|-------------------------------|----------------------|-----------------------------------|-----------------|
| Manufacturer                  | Maxim Integrated     | On-State Resistance (Max)         | 70hm (Typ)      |
| Voltage - Supply, Single (V+) | 3V ~ 3.6V            | Number of Channels                | 8               |
| Voltage - Supply, Dual (V±)   | -                    | Multiplexer/Demultiplexer Circuit | 2:1             |
| Switch Circuit                | SPDT                 | Mounting Type                     | Surface Mount   |
| Supplier Device Package       | 42-TQFN (3.5x9)      | Features                          | -               |
| Series                        | -                    | Base Product Number               | MAX4889         |
| Package / Case                | 42-WFQFN Exposed Pad | Applications                      | PCI Express®    |
| Package                       | Tape & Reel (TR)     | -3db Bandwidth                    | -               |
| Operating Temperature         | -40°C ~ 85°C (TA)    |                                   |                 |

## Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated MAX4889CETO+T

| Product Attribute                 |                                      |                                      |                                      |                                      |
|-----------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|
| Part Number                       | MAX4889CETO+T                        | MAX4888CETI+T                        | MAX4888ETI+T                         | MAX4887ETE+T                         |
| Manufacturer                      | Analog Devices Inc./Maxim Integrated | Analog Devices Inc./Maxim Integrated | Analog Devices Inc./Maxim Integrated | Analog Devices Inc./Maxim Integrated |
| Package / Case                    | 42-WFQFN Exposed Pad                 | 28-WFQFN Exposed Pad                 | 28-WFQFN Exposed Pad                 | 16-WFQFN Exposed Pad                 |
| Operating Temperature             | -40°C ~ 85°C (TA)                    | -40°C ~ 85°C (TA)                    | -40°C ~ 85°C (TA)                    | -40°C ~ 85°C (TA)                    |
| Supplier Device Package           | 42-TQFN (3.5x9)                      | 28-TQFN (3.5x5.5)                    | 28-TQFN (3.5x5.5)                    | 16-TQFN (3x3)                        |
| Voltage - Supply, Dual (V±)       | -                                    | -                                    | -                                    | -                                    |
| Series                            | -                                    | -                                    | -                                    | -                                    |
| Number of Channels                | 8                                    | 2                                    | 4                                    | 3                                    |
| Applications                      | PCI Express®                         | PCI Express®                         | PCI Express®                         | Video                                |
| Base Product Number               | MAX4889                              | MAX4888                              | MAX4888                              | MAX4887                              |
| Voltage - Supply, Single (V+)     | 3V ~ 3.6V                            | 3V ~ 3.6V                            | 1.65V ~ 3.6V                         | 4.5V ~ 5.5V                          |
| On-State Resistance (Max)         | 70hm (Typ)                           | 8.40hm                               | 70hm (Typ)                           | 6.50hm                               |
| Features                          | -                                    | -                                    | -                                    | Break-Before-Make, RGB               |
| Switch Circuit                    | SPDT                                 | DPDT                                 | SPDT                                 | SPDT                                 |
| Multiplexer/Demultiplexer Circuit | 2:1                                  | -                                    | 2:1                                  | 2:1                                  |
| -3db Bandwidth                    | -                                    | 8GHz                                 | -                                    | 500MHz                               |
| Package                           | Tape & Reel (TR)                     | Tape & Reel (TR)                     | Tape & Reel (TR)                     | Tape & Reel (TR)                     |
| Mounting Type                     | Surface Mount                        | Surface Mount                        | Surface Mount                        | Surface Mount                        |

## MAX4889CETO+T Datasheet PDF

Download MAX4889CETO+T pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX4889CETO+T - Analog Devices Inc./Maxim Integrated.

### Datasheets

Cylindrical Battery Holders.pdf

### Environmental Information

Maxim Integrated REACH.pdf

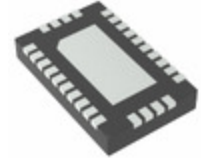
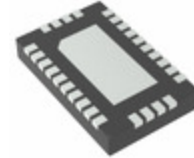
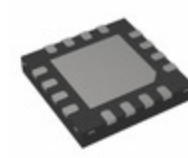
Maxim Integrated RoHS Cert.pdf

### Part Numbering Guide

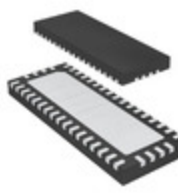
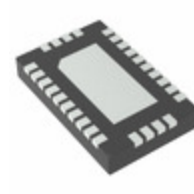
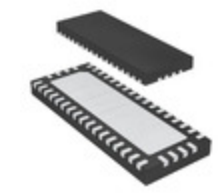
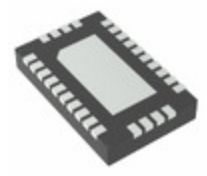
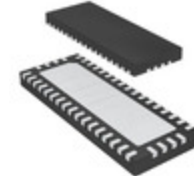
Part Numbering System.pdf

## Customers Also Interested in

### Recommended Products

**MAX488CPA**Analog Devices Inc./Maxim Integrated  
IC TRANSCEIVER FULL 1/1 8DIP**MAX4888CETI+T**Analog Devices Inc./Maxim Integrated  
IC SWITCH DUAL DPDT 28TQFN**MAX488CSA+T**Analog Devices Inc./Maxim Integrated  
IC TRANSCEIVER FULL 1/1 8SOIC**MAX4888ETI+T**Analog Devices Inc./Maxim Integrated  
IC SWITCH QUAD SPDT 28TQFN**MAX4887ETE**

Analog Devices / Maxim Integrated

Analog Devices Inc./Maxim Integrated  
IC VIDEO SWITCH TRIPLE 16TQFN**MAX4886ETO+T**Analog Devices Inc./Maxim Integrated  
IC VIDEO SWITCH 42TQFN**MAX4889CETO+**Analog Devices Inc./Maxim Integrated  
IC SWITCH OCTAL SPDT 42TQFN**MAX4889BETO+T**Analog Devices Inc./Maxim Integrated  
IC SWITCH OCTAL SPDT 42TQFN**MAX4888BGTI+T**Analog Devices Inc./Maxim Integrated  
IC SWITCH DUAL DPDT 28TQFN**MAX4889ETO+T**Analog Devices Inc./Maxim Integrated  
IC SWITCH OCTAL SPDT 42TQFN**MAX488ECPA**Analog Devices Inc./Maxim Integrated  
IC TRANSCEIVER FULL 1/1 8DIP**MAX4888BETI+**Analog Devices Inc./Maxim Integrated  
IC SWITCH DUAL DPDT 28TQFN**MAX488CSA+**Analog Devices Inc./Maxim Integrated  
IC TRANSCEIVER FULL 1/1 8SOIC**MAX488CPA+**Analog Devices Inc./Maxim Integrated  
IC TRANSCEIVER FULL 1/1 8DIP**MAX4886ETO+**Analog Devices Inc./Maxim Integrated  
IC VIDEO SWITCH 42TQFN**MAX488CSA**Analog Devices Inc./Maxim Integrated  
IC TRANSCEIVER FULL 1/1 8SOIC**MAX488ECPA+**Analog Devices Inc./Maxim Integrated  
IC TRANSCEIVER FULL 1/1 8DIP

## 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.



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+00852 9146 4856



Email

info@allelco.com

## Certifications & Memberships



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