



Image may be representation.
See specifications for product details.



MAX3157CAI+T

Manufacturer Part Number	MAX3157CAI+T
Manufacturer	Maxim Integrated
Allelco Part Number	32D-MAX3157CAI+T
ECAD Model	Request Free CAD Models
Parts Description	IC TRANSCEIVER FULL 1/1 28SSOP
Package	28-SSOP (0.209", 5.30mm Width)
Data sheet	MAX3157.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

MAX3157CAI+T - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology MAX3157CAI+T datasheet/specifications on AllelcoElec.com. Request a quote for MAX3157CAI+T, please send us email: info@allelco.com

Specifications

MAX3157CAI+T Tech Specifications
MAX3157CAI+T - Analog Devices Inc./Maxim Integrated technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Maxim Integrated	Package	Tape & Reel (TR)
Voltage - Supply	4.75V ~ 5.25V	Operating Temperature	0°C ~ 70°C
Type	Transceiver	Number of Drivers/Receivers	1/1
Supplier Device Package	28-SSOP	Mounting Type	Surface Mount
Series	-	Duplex	Full
Receiver Hysteresis	25 mV	Data Rate	250kbps
Protocol	RS422, RS485	Base Product Number	MAX3157
Package / Case	28-SSOP (0.209", 5.30mm Width)		

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated MAX3157CAI+T

Product Attribute				
Part Number	MAX3157CAI+T	MAX3157EAI	MAX3160CAP+T	MAX3160CAP+
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Data Rate	250kbps	250kbps	10Mbps	10Mbps
Base Product Number	MAX3157	-	MAX3160	MAX3160
Package	Tape & Reel (TR)	Bulk	Tape & Reel (TR)	Tube
Receiver Hysteresis	25 mV	25 mV	500 mV	500 mV
Type	Transceiver	Transceiver	Transceiver	Transceiver
Voltage - Supply	4.75V ~ 5.25V	4.75V ~ 5.25V	3V ~ 5.5V	3V ~ 5.5V
Series	-	-	-	-
Number of Drivers/Receivers	1/1	1/1	2/2	2/2
Package / Case	28-SSOP (0.209", 5.30mm Width)	28-SSOP (0.209", 5.30mm Width)	20-SSOP (0.209", 5.30mm Width)	20-SSOP (0.209", 5.30mm Width)
Duplex	Full	Full, Half	Full	Full
Operating Temperature	0°C ~ 70°C	-40°C ~ 85°C (TA)	0°C ~ 70°C	0°C ~ 70°C
Protocol	RS422, RS485	RS422, RS485	RS232, RS422, RS485	RS232, RS422, RS485
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Supplier Device Package	28-SSOP	28-SSOP	20-SSOP	20-SSOP

MAX3157CAI+T Datasheet PDF

Download MAX3157CAI+T pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX3157CAI+T - Analog Devices Inc./Maxim Integrated.

Datasheets

[MAX3157.pdf](#)

Environmental Information

[Maxim Integrated REACH.pdf](#)

[Maxim Integrated RoHS Cert.pdf](#)

[Red Phosphorous Certificate.pdf](#)

Part Numbering Guide

[Part Numbering System.pdf](#)

Application Notes

[RS-485 \(EIA/TIA-485\) Differential Data Transmissio.pdf](#)



















[Guidelines for Proper Wiring of an RS-485 \(TIA/EIA\).pdf](#)

[Understanding Common-Mode Signals.pdf](#)

[Using the MAX3157 High-CMR RS-485 Transceivers.pdf](#)

Customers Also Interested in

Recommended Products

					
MAX314EUE+ Analog Devices Inc./Maxim Integrated IC SW SPST-NO/NCX4 100HM 16TSSOP	MAX314CUE+T Analog Devices Inc./Maxim Integrated IC SW SPST-NO/NCX4 100HM 16TSSOP	MAX3157EAI Analog Devices Inc./Maxim Integrated RS-485 TRANSCVR WITH ISOLATION	MAX314ESE Analog Devices Inc./Maxim Integrated IC SWITCH SPSTX4 100HM 16SOIC	MAX314LCUE+T Analog Devices Inc./Maxim Integrated IC SW SPST-NO/NCX4 100HM 16TSSOP	MAX314EUE+T Analog Devices Inc./Maxim Integrated IC SW SPST-NO/NCX4 100HM 16TSSOP
					
MAX3160CAP+T Analog Devices Inc./Maxim Integrated IC TRANSCIEVER FULL 2/2 20SSOP	MAX3160CAP+ Analog Devices Inc./Maxim Integrated IC TRANSCIEVER FULL 2/2 20SSOP	MAX3157CAI Analog Devices Inc./Maxim Integrated IC TRANSCIEVER FULL 1/1 28SSOP	MAX314ESE+T Analog Devices Inc./Maxim Integrated IC SW SPST-NO/NCX4 100HM 16SOIC	MAX3160EAP Analog Devices Inc./Maxim Integrated IC TRANSCIEVER FULL 2/2 20SSOP	MAX3158CAI+T Analog Devices Inc./Maxim Integrated IC TXRX FULL/HALF 1/1 28SSOP
					
MAX3158EAI Analog Devices Inc./Maxim Integrated RS-485 TRANSCVR WITH ISOLATION	MAX3158CAI+ Analog Devices Inc./Maxim Integrated IC TRANSCIEVER FULL 1/1 28SSOP	MAX3160EAP+ Analog Devices Inc./Maxim Integrated IC TRANSCIEVER FULL 2/2 20SSOP	MAX3158EAI+ Analog Devices Inc./Maxim Integrated IC TXRX FULL/HALF 1/1 28SSOP	MAX3157EAI+T Analog Devices Inc./Maxim Integrated IC TRANSCIEVER FULL 1/1 28SSOP	MAX314LEUE Analog Devices / Maxim Integrated

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



View More

Contact us

Address: Flat/Rm C 13/F Harvard Commercial Building 105-111 Thomson Road, Wan Chai, Hong Kong
Phone: +00852 9146 4856
Fax: +00852 3010 8510
Email: info@Allelco.com