

Image may be representation.
See specifications for product details.



MAX14842ATE+T

Manufacturer Part Number	MAX14842ATE+T
Manufacturer	Maxim Integrated
Allelco Part Number	32D-MAX14842ATE+T
ECAD Model	Request Free CAD Models
Parts Description	IC TRANSLTR BIDIRECTIONAL 16TQFN
Package	16-WQFN Exposed Pad
Data sheet	MAX14842.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

MAX14842ATE+T - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology MAX14842ATE+T datasheet/specifications on AllelcoElec.com.
Request a quote for MAX14842ATE+T, please send us email: info@allelco.com

Specifications

MAX14842ATE+T Tech Specifications

MAX14842ATE+T - Analog Devices Inc./Maxim Integrated technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Maxim Integrated	Operating Temperature	-40°C ~ 125°C (TA)
Voltage - VCCB	3 V ~ 5.5 V	Number of Circuits	1
Voltage - VCCA	3 V ~ 5.5 V	Mounting Type	Surface Mount
Translator Type	Voltage Level	Input Signal	-
Supplier Device Package	16-TQFN (4x4)	Features	Power Supply Decoupling
Series	-	Data Rate	30Mbps
Package / Case	16-WQFN Exposed Pad	Channels per Circuit	6
Package	Tape & Reel (TR)	Channel Type	Bidirectional
Output Type	Open Drain	Base Product Number	MAX14842
Output Signal	-		

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated MAX14842ATE+T

Product Attribute				
Part Number	MAX14842ATE+T	MAX14842ATE+	MAX14841EASA+T	MAX1483ESA+
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package	Tape & Reel (TR)	Tube	Tape & Reel (TR)	Tube
Translator Type	Voltage Level	Voltage Level	-	-
Base Product Number	MAX14842	MAX14842	MAX14841	MAX1483
Output Type	Open Drain	Open Drain	-	-
Channels per Circuit	6	6	-	-
Voltage - VCCB	3 V ~ 5.5 V	3 V ~ 5.5 V	-	-
Operating Temperature	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 125°C	-40°C ~ 85°C
Series	-	-	-	-
Package / Case	16-WQFN Exposed Pad	16-WQFN Exposed Pad	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)
Data Rate	30Mbps	30Mbps	40Mbps	250kbps
Output Signal	-	-	-	-
Voltage - VCCA	3 V ~ 5.5 V	3 V ~ 5.5 V	-	-
Features	Power Supply Decoupling	Power Supply Decoupling	-	-
Channel Type	Bidirectional	Bidirectional	-	-
Number of Circuits	1	1	-	-
Input Signal	-	-	-	-
Supplier Device Package	16-TQFN (4x4)	16-TQFN (4x4)	8-SOIC	8-SOIC

MAX14842ATE+T Datasheet PDF

Download MAX14842ATE+T pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX14842ATE+T - Analog Devices Inc./Maxim Integrated.

Datasheets

[MAX14842.pdf](#)

Environmental Information

[Maxim Integrated RoHS Cert.pdf](#)



















[Material Declaration MAX14842ATE+T.pdf](#)

Part Numbering Guide

[Part Numbering System.pdf](#)

Customers Also Interested in

Recommended Products

					
MAX14841EASA+T Analog Devices Inc./Maxim Integrated IC TRANSCEIVER HALF 1/1 8SOIC	MAX1483ESA+ Analog Devices Inc./Maxim Integrated IC TRANSCEIVER HALF 1/1 8SOIC	MAX14850ASE+T Analog Devices Inc./Maxim Integrated DGTL ISO 600VRMS 6CH GP 16SOIC	MAX1484CUB-T Analog Devices / Maxim Integrated	MAX14840EASA+ Analog Devices Inc./Maxim Integrated IC TRANSCEIVER HALF 1/1 8SOIC	MAX14840EASA+T Analog Devices Inc./Maxim Integrated IC TRANSCEIVER HALF 1/1 8SOIC
					
MAX14850AEE+ Analog Devices Inc./Maxim Integrated DGTL ISO 600VRMS 6CH GP 16SSOP	MAX14842ATE+ Analog Devices Inc./Maxim Integrated IC TRANSLTR BIDIRECTIONAL 16TQFN	MAX14840EATA+T Analog Devices Inc./Maxim Integrated IC TRANSCEIVER HALF 1/1 8TDFN	MAX1485CUB+T Analog Devices Inc./Maxim Integrated IC TRANSCEIVER FULL 1/1 10UMAX	MAX14854GWE+ Analog Devices Inc./Maxim Integrated IC TRANSCEIVER FULL 1/1 16SOIC	MAX1484EUB Analog Devices Inc./Maxim Integrated RS-485/RS-422 TRANSCVR
					
MAX14856GWE NO PICTURE	MAX14852GWE+ Analog Devices Inc./Maxim Integrated IC TRANSCEIVER FULL 1/1 16SOIC	MAX1483EUA+T Analog Devices Inc./Maxim Integrated IC TRANSCEIVER HALF 1/1 8UMAX	MAX1483ESA+T Analog Devices Inc./Maxim Integrated IC TRANSCEIVER HALF 1/1 8SOIC	MAX1484EUB+T Analog Devices Inc./Maxim Integrated IC TRANSCEIVER FULL 1/1 10UMAX	MAX1485EPA 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 -



Contact us if you have any questions.



Certifications & Memberships



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