

Image may be representation.
See specifications for product details.



MAX14689AETB+T

Manufacturer Part Number **MAX14689AETB+T**

Manufacturer **Maxim Integrated**

Allelco Part Number **32D-MAX14689AETB+T**

ECAD Model Request Free CAD Models

Parts Description **IC SWITCH DPDTX1 450MOHM 10TDFN**

Package **10-WDFDN Exposed Pad**

Data sheet **MAX14689.pdf**

MAX14689.pdf

RoHs Status **ROHS3 Compliant**

Get a Quote

MAX14689AETB+T - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology MAX14689AETB+T datasheet/specifications on AllelcoElec.com.

Request a quote for MAX14689AETB+T, please send us email: info@allelco.com

Specifications

MAX14689AETB+T Tech Specifications

MAX14689AETB+T - Analog Devices Inc./Maxim Integrated technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Maxim Integrated	Number of Circuits	1
Voltage - Supply, Single (V+)	1.6V ~ 5.5V	Multiplexer/Demultiplexer Circuit	4:2
Voltage - Supply, Dual (V±)	-	Mounting Type	Surface Mount
Switch Time (Ton, Toff) (Max)	200µs, 30µs	Current - Leakage (IS(off)) (Max)	100nA
Switch Circuit	DPDT	Crosstalk	-100dB @ 100kHz
Supplier Device Package	10-TDFN (2.5x2)	Charge Injection	-
Series	Beyond-the-Rails™	Channel-to-Channel Matching (ΔRon)	5mOhm
Package / Case	10-WDFDN Exposed Pad	Channel Capacitance (CS(off), CD(off))	25pF
Package	Tape & Reel (TR)	Base Product Number	MAX14689
Operating Temperature	-40°C ~ 85°C (TA)	-3db Bandwidth	110MHz
On-State Resistance (Max)	450mOhm		

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated MAX14689AETB+T

Product Attribute				
Part Number	MAX14689AETB+T	MAX14688EWC+T	MAX14689EWL+T	MAX14681EWC+T
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Supplier Device Package	10-TDFN (2.5x2)	-	9-WLP (1.26x1.26)	-
On-State Resistance (Max)	450mOhm	-	450mOhm	-
Voltage - Supply, Single (V+)	1.6V ~ 5.5V	-	1.6V ~ 5.5V	-
Number of Circuits	1	-	1	-
Operating Temperature	-40°C ~ 85°C (TA)	-	-40°C ~ 85°C (TA)	-
Crosstalk	-100dB @ 100kHz	-	-100dB @ 100kHz	-
Base Product Number	MAX14689	MAX146	MAX14689	MAX14681
Mounting Type	Surface Mount	-	Surface Mount	Surface Mount
-3db Bandwidth	110MHz	-	110MHz	-
Switch Circuit	DPDT	-	DPDT	-
Channel-to-Channel Matching (ΔRon)	5mOhm	-	5mOhm	-
Multiplexer/Demultiplexer Circuit	4:2	-	4:2	-
Channel Capacitance (CS(off), CD(off))	25pF	-	25pF	-
Switch Time (Ton, Toff) (Max)	200µs, 30µs	-	200µs, 30µs	-
Current - Leakage (IS(off)) (Max)	100nA	-	100nA	-
Voltage - Supply, Dual (V±)	-	-	-	-
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Charge Injection	-	-	-	-
Package / Case	10-WDFDN Exposed Pad	-	9-WFBGA, WLBGA	-
Series	Beyond-the-Rails™	-	Beyond-the-Rails™	-

MAX14689AETB+T Datasheet PDF

Download MAX14689AETB+T pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX14689AETB+T - Analog Devices Inc./Maxim Integrated.

Datasheets

MAX14689.pdf

Environmental Information

Maxim Integrated REACH.pdf

Maxim Integrated RoHS Cert.pdf

Part Numbering Guide

Part Numbering System.pdf

Application Notes

Multiplex Boosted Class-D without Additional Exter.pdf

HTML Datasheet

MAX14689.pdf

Customers Also Interested in

Recommended Products



MAX14681EWC+T

Analog Devices Inc./Maxim Integrated
IC BATT SWITCH BIDIR 12WLP



MAX146AEAP

Analog Devices Inc./Maxim Integrated
IC ADC 12BIT SAR 20SSOP



MAX14680EWC-T

Analog Devices / Maxim Integrated



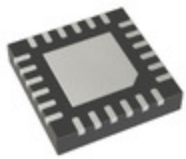
MAX14676EWO+T

Analog Devices Inc./Maxim Integrated
IC BATT CHG LI-ION 42WLP



MAX146ACAP

Analog Devices Inc./Maxim Integrated
IC ADC 12BIT SAR 20SSOP



MAX14693ATP+T

Analog Devices Inc./Maxim Integrated
IC POWER CNTRLR 6A TQFN



MAX14676EWO+

Analog Devices / Maxim Integrated



MAX14699EWC+

Analog Devices Inc./Maxim Integrated
IC OVERVOLTAGE PROTECTOR



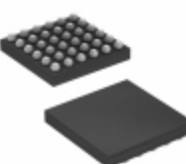
MAX14699EWC+T

Analog Devices Inc./Maxim Integrated
FAST RESPONSE, HIGH ACCURACY OVE



MAX14688EWC+T

Analog Devices Inc./Maxim Integrated
IC HEADSET JACK DETECTION WLP



MAX14690BEWX+T

Analog Devices Inc./Maxim Integrated
IC LOW POWER BATT MGMT 36WLP



MAX14680EWC+T

Analog Devices Inc./Maxim Integrated
IC BATT SWITCH BIDIR 12WLP



MAX14689EWL+T

Analog Devices Inc./Maxim Integrated
IC SWITCH DPDT X 1 450MOHM 9WLP



MAX14676IEWO+T

Analog Devices Inc./Maxim Integrated
IC



MAX14690NEWX+T

Analog Devices Inc./Maxim Integrated
IC LOW POWER BATT MGMT 36WLP

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

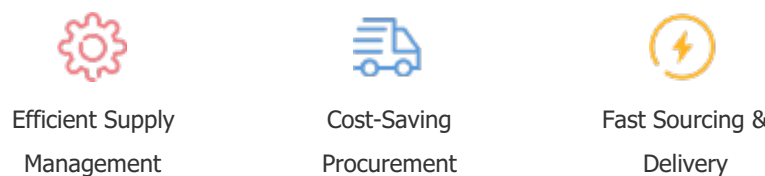
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors. Contact us if you have any questions.

Payment Support

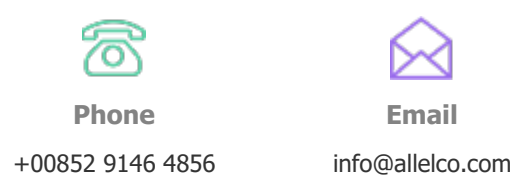
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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