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See specifications for product details.



ADM2687EBRIZ

Manufacturer Part Number	ADM2687EBRIZ
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-ADM2687EBRIZ
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	DGTL ISO 5KV RS422/RS485 16SOIC
Package	16-SOIC (0.295", 7.50mm Width)
Data sheet	ADM2682E,87E.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

ADM2687EBRIZ - Analog Devices Inc..New Original in Stock. Download Linear Technology ADM2687EBRIZ datasheet/specifications on AllelcoElec.com.
Request a quote for ADM2687EBRIZ, please send us email: info@allelco.com

Specifications

ADM2687EBRIZ Tech Specifications

ADM2687EBRIZ - Analog Devices Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Analog Devices, Inc.	Package	Tube
Voltage - Supply	3.3V, 5V	Operating Temperature	-40°C ~ 85°C
Voltage - Isolation	5000Vrms	Number of Channels	3
Type	RS422, RS485	Mounting Type	Surface Mount
Technology	Magnetic Coupling	Isolated Power	Yes
Supplier Device Package	16-SOIC	Inputs - Side 1/Side 2	2/1
Series	isoPower®	Data Rate	500kbps
Rise / Fall Time (Typ)	1.1µs, 1.1µs (Max)	Common Mode Transient Immunity (Min)	25kV/µs
Pulse Width Distortion (Max)	-	Channel Type	Unidirectional
Propagation Delay tpLH / tpHL (Max)	700ns, 700ns	Base Product Number	ADM2687
Package / Case	16-SOIC (0.295", 7.50mm Width)		

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. ADM2687EBRIZ

Product Attribute				
Part Number	ADM2687EBRIZ	ADM2682EBRIZ-RL7	ADM2682EBRIZ	ADM2587EBRWZ-REEL7
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Voltage - Isolation	5000Vrms	5000Vrms	5000Vrms	2500Vrms
Channel Type	Unidirectional	Unidirectional	Unidirectional	Unidirectional
Inputs - Side 1/Side 2	2/1	2/1	2/1	2/1
Number of Channels	3	3	3	3
Common Mode Transient Immunity (Min)	25kV/µs	25kV/µs	25kV/µs	25kV/µs
Series	isoPower®	isoPower®	isoPower®	IsoPower®, iCoupler®
Voltage - Supply	3.3V, 5V	3.3V, 5V	3.3V, 5V	3.3V, 5V
Propagation Delay tpLH / tpHL (Max)	700ns, 700ns	100ns, 100ns	100ns, 100ns	-
Package / Case	16-SOIC (0.295", 7.50mm Width)	16-SOIC (0.295", 7.50mm Width)	16-SOIC (0.295", 7.50mm Width)	20-SOIC (0.295", 7.50mm Width)
Supplier Device Package	16-SOIC	16-SOIC	16-SOIC	20-SOIC
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Type	RS422, RS485	RS422, RS485	RS422, RS485	RS422, RS485
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C
Package	Tube	Tape & Reel (TR)	Tube	Tape & Reel (TR)
Rise / Fall Time (Typ)	1.1µs, 1.1µs (Max)	15ns, 15ns (Max)	15ns, 15ns (Max)	1.1µs, 1.1µs (Max)
Data Rate	500kbps	16Mbps	16Mbps	500kbps
Technology	Magnetic Coupling	Magnetic Coupling	Magnetic Coupling	Magnetic Coupling
Pulse Width Distortion (Max)	-	-	-	-
Isolated Power	Yes	Yes	Yes	Yes
Base Product Number	ADM2687	ADM2682	ADM2682	ADM2587

ADM2687EBRIZ Datasheet PDF

Download ADM2687EBRIZ pdf datasheets and Analog Devices Inc. documentation for ADM2687EBRIZ - Analog Devices Inc..

Datasheets

[ADM2682E,87E.pdf](#)

PCN Assembly/Origin



















[Alt Assembly Site Rev/Add 15/Dec/2015.pdf](#)

 Poly Mask Change 15/Aug/2013.pdf

 ADM2682/ADM2687 20/Jan/2017.pdf

Customers Also Interested in

Recommended Products

					
ADM2761EBRWZ Analog Devices Inc. IC TRANSCEIVER HALF 1/1 16SOIC	ADM2587BRWZ-REEL7 ADI (Analog Devices, Inc.)	ADM3050EBRIZ Analog Devices Inc. IC TXRX/ISO 1/1 8SOIC	ADM2682EBRIZ-RL7 Analog Devices Inc. DGTL ISO 5KV RS422/RS485 16SOIC	ADM3050EBRWZ-RL Analog Devices Inc. IC TXRX/ISO 1/1 16SOIC	ADM2795ETRWZ-EP Analog Devices Inc. IC TRANSCEIVER HALF 1/1 16SOIC
					
ADM2682EBRIZ Analog Devices Inc. DGTL ISO 5KV RS422/RS485 20SOIC	ADM3051CRZ Analog Devices Inc. IC TRANSCEIVER HALF 1/1 8SOIC	ADM2587EBRWZ-REEL7/HK ADI (Analog Devices, Inc.)	ADM2795EBRWZ-RL7 Analog Devices Inc. IC TRANSCEIVER HALF 1/1 16SOIC	ADM3051CRZ-REEL7 Analog Devices Inc. IC TRANSCEIVER HALF 1/1 8SOIC	ADM2587EBRWZ-REEL7 Analog Devices Inc. DGT ISO 2.5KV RS422/RS485 20SOIC
					
ADM2582EBRWZ-REEL7 Analog Devices Inc. DGT ISO 2.5KV RS422/RS485 20SOIC	ADM2587EBRWZ-REEL ADI (Analog Devices, Inc.)	ADM3050EBRIZ-RL Analog Devices Inc. IC TXRX/ISO 1/1 8SOIC	ADM2795EARWZ Analog Devices Inc. IC TRANSCEIVER HALF 1/1 16SOIC	ADM2587EBRWZ Analog Devices Inc. DGT ISO 2.5KV RS422/RS485 20SOIC	ADM2687EBRIZ-RL7 Analog Devices Inc. DGTL ISO 5KV RS422/RS485 16SOIC

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
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Contact us if you have any questions.

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Certifications & Memberships



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Contact us

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