



Image may be representation.
See specifications for product details.



ADUM5241ARZ

Manufacturer Part Number	ADUM5241ARZ
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-ADUM5241ARZ
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	DGTL ISO 2500VRMS 2CH GP 8SOIC
Package	8-SOIC (0.154", 3.90mm Width)
Data sheet	ADuM5240-42.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

ADUM5241ARZ - Analog Devices Inc..New Original in Stock. Download Linear Technology ADUM5241ARZ datasheet/specifications on AllelcoElec.com.
Request a quote for ADUM5241ARZ, please send us email: info@allelco.com

Specifications

ADUM5241ARZ Tech Specifications

ADUM5241ARZ - Analog Devices Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Analog Devices, Inc.	Package	Tube
Voltage - Supply	2.7V ~ 4.0V, 4.5V ~ 5.5V	Operating Temperature	-40°C ~ 105°C
Voltage - Isolation	2500Vrms	Number of Channels	2
Type	General Purpose	Mounting Type	Surface Mount
Technology	Magnetic Coupling	Isolated Power	Yes
Supplier Device Package	8-SOIC	Inputs - Side 1/Side 2	1/1
Series	IsoPower®, iCoupler®	Data Rate	1Mbps
Rise / Fall Time (Typ)	2.5ns, 2.5ns	Common Mode Transient Immunity (Min)	25kV/μs
Pulse Width Distortion (Max)	3ns	Channel Type	Unidirectional
Propagation Delay tPLH / tPHL (Max)	70ns, 70ns	Base Product Number	ADUM5241
Package / Case	8-SOIC (0.154", 3.90mm Width)		

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. ADUM5241ARZ

Product Attribute				
Part Number	ADUM5241ARZ	ADUM5401ARWZ	ADUM5401CRWZ	ADUM5211ARSZ
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Type	General Purpose	General Purpose	General Purpose	General Purpose
Number of Channels	2	4	4	2
Package	Tube	Tube	Tube	Tube
Rise / Fall Time (Typ)	2.5ns, 2.5ns	2.5ns, 2.5ns	2.5ns, 2.5ns	2.5ns, 2.5ns
Base Product Number	ADUM5241	ADUM5401	ADUM5401	ADUM5211
Propagation Delay tPLH / tPHL (Max)	70ns, 70ns	100ns, 100ns	60ns, 60ns	50ns, 50ns
Pulse Width Distortion (Max)	3ns	40ns	6ns	10ns
Common Mode Transient Immunity (Min)	25kV/μs	25kV/μs	25kV/μs	25kV/μs
Voltage - Supply	2.7V ~ 4.0V, 4.5V ~ 5.5V	3V ~ 5.5V	3V ~ 5.5V	2.7V ~ 5.5V
Package / Case	8-SOIC (0.154", 3.90mm Width)	16-SOIC (0.295", 7.50mm Width)	16-SOIC (0.295", 7.50mm Width)	20-SSOP (0.209", 5.30mm Width)
Voltage - Isolation	2500Vrms	2500Vrms	2500Vrms	2500Vrms
Operating Temperature	-40°C ~ 105°C	-40°C ~ 105°C	-40°C ~ 105°C	-40°C ~ 105°C
Inputs - Side 1/Side 2	1/1	3/1	3/1	1/1
Supplier Device Package	8-SOIC	16-SOIC	16-SOIC	20-SSOP
Series	IsoPower®, iCoupler®	IsoPower®, iCoupler®	IsoPower®, iCoupler®	IsoPower®, iCoupler®
Data Rate	1Mbps	1Mbps	25Mbps	1Mbps
Isolated Power	Yes	Yes	Yes	Yes
Channel Type	Unidirectional	Unidirectional	Unidirectional	Unidirectional
Technology	Magnetic Coupling	Magnetic Coupling	Magnetic Coupling	Magnetic Coupling
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount

ADUM5241ARZ Datasheet PDF

Download ADUM5241ARZ pdf datasheets and Analog Devices Inc. documentation for ADUM5241ARZ - Analog Devices Inc..

Datasheets



















[ADuM5240-42.pdf](#)

PCN Assembly/Origin

[8L/16L SOIC_N 15/Jun/2016.pdf](#)

Customers Also Interested in

Recommended Products

					
ADUM5401ARWZ Analog Devices Inc. DGTL ISO 2500VRMS 4CH GP 16SOIC	ADUM5401CRWZ Analog Devices Inc. DGTL ISO 2500VRMS 4CH GP 16SOIC	ADUM5211ARSZ Analog Devices Inc. DGTL ISO 2500VRMS 2CH GP 20SSOP	ADUM5400ARWZ Analog Devices Inc. DGTL ISO 2500VRMS 4CH GP 16SOIC	ADUM5241ARZ-RL7 Analog Devices Inc. DGTL ISO 2500VRMS 2CH GP 8SOIC	ADUM5242ARZ-RL7 Analog Devices Inc. DGTL ISO 2500VRMS 2CH GP 8SOIC
					
ADUM5401CRWZ-RL Analog Devices Inc. DGTL ISO 2500VRMS 4CH GP 16SOIC	ADUM5242ARZ Analog Devices Inc. DGTL ISO 2500VRMS 2CH GP 8SOIC	ADUM5401ARWZ-RL Analog Devices Inc. DGTL ISO 2500VRMS 4CH GP 16SOIC	ADUM5400C ADI (Analog Devices, Inc.)	ADUM5230ARWZ-RL Analog Devices Inc. DGTL ISO 2.5KV GATE DRVR 16SOIC	ADUM5212CRSZ Analog Devices Inc. DGTL ISO 2500VRMS 2CH GP 20SSOP
					
ADUM5211ARSZ-RL7 Analog Devices Inc. DGTL ISO 2500VRMS 2CH GP 20SSOP	ADUM5230ARWZ Analog Devices Inc. DGTL ISO 2.5KV GATE DRVR 16SOIC	ADUM5212ARSZ Analog Devices Inc. DGTL ISO 2500VRMS 2CH GP 20SSOP	ADUM5201WCRWZ-RL Analog Devices Inc. DGTL ISO 2500VRMS 2CH GP 16SOIC	ADUM5240ARZ Analog Devices Inc. DGTL ISO 2500VRMS 2CH GP 8SOIC	ADUM5212ARSZ-RL7 Analog Devices Inc. DGTL ISO 2500VRMS 2CH GP 20SSOP

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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