



Image may be representation.
See specifications for product details.



ADUM4151ARIZ-RL

Manufacturer Part Number	ADUM4151ARIZ-RL
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-ADUM4151ARIZ-RL
ECAD Model	Request Free CAD Models
Parts Description	DGT ISOL 5000VRMS 7CH SPI 20SOIC
Package	20-SOIC (0.295", 7.50mm Width)
Data sheet	ADuM4151-53.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

ADUM4151ARIZ-RL - Analog Devices Inc..New Original in Stock. Download Linear Technology ADUM4151ARIZ-RL datasheet/specifications on AllelcoElec.com.
Request a quote for ADUM4151ARIZ-RL, please send us email: info@allelco.com

Specifications

ADUM4151ARIZ-RL Tech Specifications
ADUM4151ARIZ-RL - Analog Devices Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Analog Devices, Inc.	Package	Tape & Reel (TR)
Voltage - Supply	3V ~ 5.5V	Operating Temperature	-40°C ~ 125°C
Voltage - Isolation	5000Vrms	Number of Channels	7
Type	SPI	Mounting Type	Surface Mount
Technology	Magnetic Coupling	Isolated Power	No
Supplier Device Package	20-SOIC-IC	Inputs - Side 1/Side 2	5/2
Series	iCoupler®, SPIisolator™	Data Rate	2Mbps
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)	25ns, 25ns	Base Product Number	ADUM4151
Package / Case	20-SOIC (0.295", 7.50mm Width)		

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. ADUM4151ARIZ-RL

Product Attribute				
Part Number	ADUM4151ARIZ-RL	ADUM3482BRSZ-RL7	ADUM4160BRWZ-RL	ADUM4160BRWZ
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Propagation Delay tpLH / tpHL (Max)	25ns, 25ns	33ns, 33ns	70ns, 70ns	70ns, 70ns
Supplier Device Package	20-SOIC-IC	20-SSOP	16-SOIC	16-SOIC
Series	iCoupler®, SPIisolator™	iCoupler®	iCoupler®	iCoupler®
Channel Type	Unidirectional	Unidirectional	Bidirectional	Bidirectional
Inputs - Side 1/Side 2	5/2	2/2	1/1	1/1
Base Product Number	ADUM4151	ADUM3482	ADUM4160	ADUM4160
Common Mode Transient Immunity (Min)	25kV/μs	25kV/μs	25kV/μs	25kV/μs
Voltage - Supply	3V ~ 5.5V	1.8V ~ 5.5V, 3V ~ 5.5V	3.1V ~ 5.5V	3.1V ~ 5.5V
Data Rate	2Mbps	25Mbps	12Mbps	12Mbps
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 105°C	-40°C ~ 105°C
Number of Channels	7	4	1	1
Pulse Width Distortion (Max)	3ns	3ns	-	-
Type	SPI	General Purpose	USB	USB
Technology	Magnetic Coupling	Magnetic Coupling	Magnetic Coupling	Magnetic Coupling
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tube
Isolated Power	No	No	No	No
Rise / Fall Time (Typ)	2.5ns, 2.5ns	2.5ns, 2.5ns	20ns, 20ns (Max)	20ns, 20ns (Max)
Voltage - Isolation	5000Vrms	3750Vrms	5000Vrms	5000Vrms
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package / Case	20-SOIC (0.295", 7.50mm Width)	20-SSOP (0.209", 5.30mm Width)	16-SOIC (0.295", 7.50mm Width)	16-SOIC (0.295", 7.50mm Width)

ADUM4151ARIZ-RL Datasheet PDF

Download ADUM4151ARIZ-RL pdf datasheets and Analog Devices Inc. documentation for ADUM4151ARIZ-RL - Analog Devices Inc..

Datasheets

ADuM4151-53.pdf



















PCN Assembly/Origin

Alt Assembly Site Rev/Add 15/Dec/2015.pdf

 ADUM415 Datasheet Update 27/Feb/2015.pdf

Customers Also Interested in

Recommended Products

					
ADUM4138WBRNZ-RL Analog Devices Inc. ISO IGBT GATE DRIVERW/FLYBACK CO	ADUM4190ARIZ Analog Devices Inc. IC ISOLATOR 16SOIC	ADUM4223ARWZ Analog Devices Inc. DCTL ISO 5KV 2CH GATE DVR 16SOIC	ADUM4135BRWZ-RL Analog Devices Inc. DCTL ISO 5KV 1CH GATE DVR 16SOIC	ADUM3482BRSZ-RL7 Analog Devices Inc. DCTL ISO 3750VRMS 4CH GP 20SSOP	ADUM4138WBRNZ Analog Devices Inc. ISO IGBT GATE DRIVERW/FLYBACK CO
					
ADUM4135BRWZ Analog Devices Inc. DCTL ISO 5KV 1CH GATE DVR 16SOIC	ADUM4190SRIZ-RL Analog Devices Inc. IC ISOLATOR 16SOIC	ADUM4221ARIZ-RL Analog Devices Inc. ISO 1/2 BRIDGE DRV W/DEADTIME UV	ADUM4160BRWZ-RL Analog Devices Inc. DGT ISOL 5000VRMS 2CH USB 16SOIC	ADUM4137WBRNZ Analog Devices Inc. 6A AUTOMOTIVE ISOLATED GATE DRV	ADUM4223ARWZ-RL Analog Devices Inc. DCTL ISO 5KV 2CH GATE DVR 16SOIC
					
ADUM4160BRWZ Analog Devices Inc. DGT ISOL 5000VRMS 2CH USB 16SOIC	ADUM4070ARIZ Analog Devices Inc. IC REG PSH-PULL ADJ 350MA 16SOIC	ADUM3482ARSZ-RL7 Analog Devices Inc. DCTL ISO 3750VRMS 4CH GP 20SSOP	ADUM4190SRIZ Analog Devices Inc. IC ISOLATOR 16SOIC	ADUM4150BRIZ-RL Analog Devices Inc. DGT ISOL 5000VRMS 6CH SPI 20SOIC	ADUM4190ARIZ-RL Analog Devices Inc. IC ISOLATOR 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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