

Image may be representation.
See specifications for product details.



ADUM3151ARSZ

Manufacturer Part Number	ADUM3151ARSZ
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-ADUM3151ARSZ
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	DGT ISOL 3750VRMS 7CH SPI 20SSOP
Package	20-SSOP (0.209", 5.30mm Width)
Data sheet	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

ADUM3151ARSZ - Analog Devices Inc..New Original in Stock. Download Linear Technology ADUM3151ARSZ datasheet/specifications on AllelcoElec.com.
Request a quote for ADUM3151ARSZ, please send us email: info@allelco.com

Specifications

ADUM3151ARSZ Tech Specifications
ADUM3151ARSZ - Analog Devices Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Analog Devices, Inc.	Package	Tube
Voltage - Supply	3V ~ 5.5V	Operating Temperature	-40°C ~ 125°C
Voltage - Isolation	3750Vrms	Number of Channels	7
Type	SPI	Mounting Type	Surface Mount
Technology	Magnetic Coupling	Isolated Power	No
Supplier Device Package	20-SSOP	Inputs - Side 1/Side 2	5/2
Series	iCoupler®, SPIsolator™	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	ADUM3151
Package / Case	20-SSOP (0.209", 5.30mm Width)		

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. ADUM3151ARSZ

Product Attribute				
Part Number	ADUM3151ARSZ	ADUM262N1BRIZ-RL	ADUM263N1BRIZ	ADUM3153ARSZ
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Voltage - Supply	3V ~ 5.5V	1.7V ~ 5.5V	1.7V ~ 5.5V	3V ~ 5.5V
Voltage - Isolation	3750Vrms	5000Vrms	5000Vrms	3750Vrms
Number of Channels	7	6	6	7
Common Mode Transient Immunity (Min)	25kV/μs	75kV/μs	75kV/μs	25kV/μs
Isolated Power	No	No	No	No
Technology	Magnetic Coupling	Magnetic Coupling	Magnetic Coupling	Magnetic Coupling
Channel Type	Unidirectional	Unidirectional	Unidirectional	Unidirectional
Package	Tube	Tape & Reel (TR)	Tube	Tube
Inputs - Side 1/Side 2	5/2	4/2	3/3	3/4
Type	SPI	General Purpose	General Purpose	SPI
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C
Series	iCoupler®, SPIsolator™	iCoupler®	iCoupler®	iCoupler®, SPIsolator™
Package / Case	20-SSOP (0.209", 5.30mm Width)	16-SOIC (0.295", 7.50mm Width)	16-SOIC (0.295", 7.50mm Width)	20-SSOP (0.209", 5.30mm Width)
Pulse Width Distortion (Max)	3ns	4.5ns	4.5ns	3ns
Data Rate	2Mbps	150Mbps	150Mbps	2Mbps
Propagation Delay tpLH / tpHL (Max)	25ns, 25ns	13ns, 13ns	13ns, 13ns	25ns, 25ns
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Base Product Number	ADUM3151	ADUM262	ADUM263	ADUM3153
Supplier Device Package	20-SSOP	16-SOIC	16-SOIC	20-SSOP
Rise / Fall Time (Typ)	2.5ns, 2.5ns	2.5ns, 2.5ns	2.5ns, 2.5ns	2.5ns, 2.5ns

ADUM3151ARSZ Datasheet PDF

Download ADUM3151ARSZ pdf datasheets and Analog Devices Inc. documentation for ADUM3151ARSZ - Analog Devices Inc..

Datasheets



















[Cylindrical Battery Holders.pdf](#)

PCN Design/Specification

[Cylindrical Battery Holders.pdf](#)

Customers Also Interested in

Recommended Products

 ADUM262N1BRIZ-RL Analog Devices Inc. DGTL ISO 5000VRMS 6CH GP 16SOIC	 ADUM263N1BRIZ Analog Devices Inc. DGTL ISO 5000VRMS 6CH GP 16SOIC	 ADUM3070ARQZ Analog Devices Inc. IC REG PSH-PULL ADJ 350MA 16QSOP	 ADUM3153ARSZ Analog Devices Inc. DGT ISOL 3750VRMS 7CH SPI 20SSOP	 ADUM3154ARSZ Analog Devices Inc. DGT ISOL 3750VRMS 4CH SPI 20SSOP	 ADUM3070ARQZ-RL7 Analog Devices Inc. IC REG PSH-PULL ADJ 350MA 16QSOP
 ADUM263N1BRIZ-RL Analog Devices Inc. DGTL ISO 5000VRMS 6CH GP 16SOIC	 ADUM3100ARZ-RL7 Analog Devices Inc. DGTL ISO 2500VRMS 1CH GP 8SOIC	 ADUM3190BRQZ Analog Devices Inc. IC ISOLATOR 16QSOP	 ADUM3190ARQZ-RL7 Analog Devices Inc. IC ISOLATOR 16QSOP	 ADUM3100ARZ Analog Devices Inc. DGTL ISO 2500VRMS 1CH GP 8SOIC	 ADUM3190ARQZ Analog Devices Inc. IC ISOLATOR 16QSOP
 ADUM3160BRWZ-RL Analog Devices Inc. DGT ISOL 2500VRMS 2CH USB 16SOIC	 ADUM3151ARSZ-RL7 Analog Devices Inc. DGT ISOL 3750VRMS 7CH SPI 20SSOP	 ADUM3153ARSZ-RL7 Analog Devices Inc. DGT ISOL 3750VRMS 7CH SPI 20SSOP	 ADUM3152BRSZ Analog Devices Inc. DGT ISOL 3750VRMS 7CH SPI 20SSOP	 ADUM263N0BRIZ-RL Analog Devices Inc. DGTL ISO 5000VRMS 6CH GP 16SOIC	 ADUM3123BRZ-RL7 Analog Devices Inc. DGTL ISO 3KV 1CH GATE DRVR 8SOIC

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

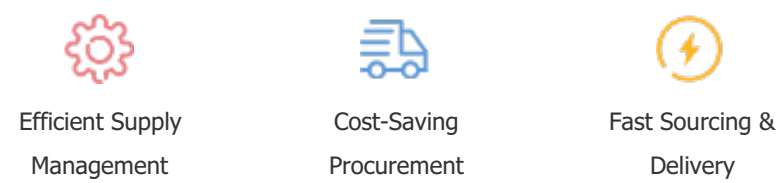
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

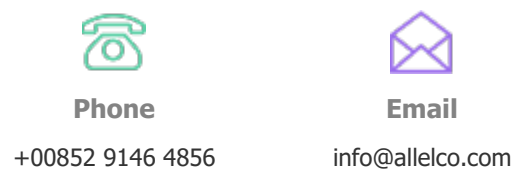
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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