



Image may be representation.
See specifications for product details.



ADUM1241ARZ-RL7

Manufacturer Part Number	ADUM1241ARZ-RL7
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-ADUM1241ARZ-RL7
ECAD Model	Request Free CAD Models
Parts Description	DGTL ISO 3000VRMS 2CH GP 8SOIC
Package	8-SOIC (0.154", 3.90mm Width)
Data sheet	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

ADUM1241ARZ-RL7 - Analog Devices Inc..New Original in Stock. Download Linear Technology ADUM1241ARZ-RL7 datasheet/specifications on AllelcoElec.com.
Request a quote for ADUM1241ARZ-RL7, please send us email: info@allelco.com

Specifications

ADUM1241ARZ-RL7 Tech Specifications
ADUM1241ARZ-RL7 - 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	2.25V ~ 3.6V	Operating Temperature	-40°C ~ 125°C
Voltage - Isolation	3000Vrms	Number of Channels	2
Type	General Purpose	Mounting Type	Surface Mount
Technology	Magnetic Coupling	Isolated Power	No
Supplier Device Package	8-SOIC	Inputs - Side 1/Side 2	1/1
Series	iCoupler®	Data Rate	2Mbps
Rise / Fall Time (Typ)	2ns, 2ns	Common Mode Transient Immunity (Min)	25kV/μs
Pulse Width Distortion (Max)	8ns	Channel Type	Unidirectional
Propagation Delay tpLH / tpHL (Max)	180ns, 180ns	Base Product Number	ADUM1241
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. ADUM1241ARZ-RL7

Product Attribute				
Part Number	ADUM1241ARZ-RL7	ADUM1240ARZ-RL7	ADUM1250WSRZ-RL7	ADUM1230BRWZ
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Type	General Purpose	General Purpose	I ² C	General Purpose
Data Rate	2Mbps	2Mbps	1Mbps	10Mbps
Common Mode Transient Immunity (Min)	25kV/μs	25kV/μs	25kV/μs	50kV/μs
Isolated Power	No	No	No	No
Base Product Number	ADUM1241	ADUM1240	ADUM1250	-
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 105°C
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Pulse Width Distortion (Max)	8ns	8ns	145ns, 85ns	8ns
Propagation Delay tpLH / tpHL (Max)	180ns, 180ns	180ns, 180ns	-	160ns, 160ns
Supplier Device Package	8-SOIC	8-SOIC	8-SOIC	16-SOIC
Voltage - Supply	2.25V ~ 3.6V	2.25V ~ 3.6V	3V ~ 5.5V	4.5V ~ 5.5V
Voltage - Isolation	3000Vrms	3000Vrms	2500Vrms	2500Vrms
Series	iCoupler®	iCoupler®	Automotive	-
Rise / Fall Time (Typ)	2ns, 2ns	2ns, 2ns	-	20ns, 20ns (Max)
Inputs - Side 1/Side 2	1/1	2/0	2/2	2/0
Technology	Magnetic Coupling	Magnetic Coupling	Magnetic Coupling	Magnetic Coupling
Number of Channels	2	2	2	2
Package / Case	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	16-SOIC (0.295", 7.50mm Width)
Channel Type	Unidirectional	Unidirectional	Bidirectional	Unidirectional
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tube

ADUM1241ARZ-RL7 Datasheet PDF

Download ADUM1241ARZ-RL7 pdf datasheets and Analog Devices Inc. documentation for ADUM1241ARZ-RL7 - Analog Devices Inc..

Datasheets

[Cylindrical Battery Holders.pdf](#)



















Other Related Documents

[Tape and Reel Packaging.pdf](#)

[ADI Programmable Log Controller Solutions.pdf](#)

Customers Also Interested in

Recommended Products

					
ADUM1240ARZ-RL7 Analog Devices Inc. DGTL ISO 3000VRMS 2CH GP 8SOIC	ADUM1250WSRZ-RL7 Analog Devices Inc. DGTL ISOL 2500VRMS 2CH I2C 8SOIC	ADUM1230BRWZ Analog Devices Inc. IC ISOLATOR DGTL 2CH 1A 16-SOIC	ADUM1251ARZ Analog Devices Inc. DGTL ISOL 2500VRMS 2CH I2C 8SOIC	ADUM1240ARZ Analog Devices Inc. DGTL ISO 3000VRMS 2CH GP 8SOIC	ADUM1220BRWZ-RL Analog Devices Inc. ISOLATED HALF-BRIDGE DRIVER
					
ADUM1250SRZ Analog Devices Inc. DGTL ISOL 2500VRMS 2CH I2C 8SOIC	ADUM1233BRWZ Analog Devices Inc. DGTL ISO 2.5KV GATE DRVR 16SOIC	ADUM1250SRZ-RL7 Analog Devices Inc. DGTL ISOL 2500VRMS 2CH I2C 8SOIC	ADUM1245ARSZ Analog Devices Inc. DGTL ISO 3750VRMS 2CH GP 20SSOP	ADUM1250WSRZ Analog Devices Inc. DGTL ISOL 2500VRMS 2CH I2C 8SOIC	ADUM1234BRWZ Analog Devices Inc. DGTL ISO 2.5KV GATE DRVR 16SOIC
					
ADUM121N1WBRZ-RL7 Analog Devices Inc. DGTL ISO 3000VRMS 2CH GP 8SOIC	ADUM1250ARZ-RL7 Analog Devices Inc. DGTL ISOL 2500VRMS 2CH I2C 8SOIC	ADUM1220BRWZ Analog Devices Inc. ISOLATED HALF-BRIDGE DRIVER	ADUM1241ARZ Analog Devices Inc. DGTL ISO 3000VRMS 2CH GP 8SOIC	ADUM1250ARZ Analog Devices Inc. DGTL ISOL 2500VRMS 2CH I2C 8SOIC	ADUM1223BRWZ Analog Devices Inc. DIGITAL ISOLATOR 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

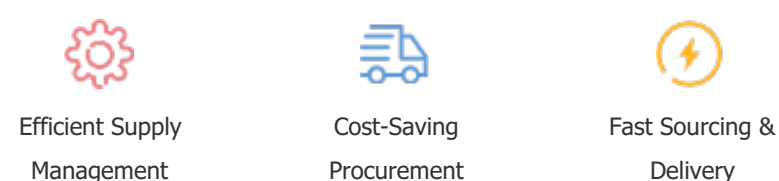
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors. Contact us if you have any questions.

Payment Support

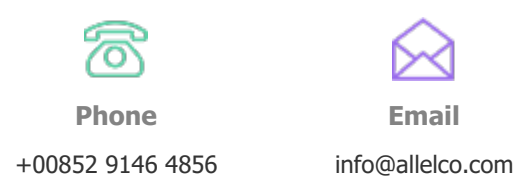
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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