



Image may be representation.
See specifications for product details.



ADUM7642ARQZ-RL7

Manufacturer Part Number	ADUM7642ARQZ-RL7
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-ADUM7642ARQZ-RL7
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	DGTL ISO 1000VRMS 6CH GP 20QSOP
Package	20-SSOP (0.154", 3.90mm Width)
Data sheet	ADuM7640-43.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

ADUM7642ARQZ-RL7 - Analog Devices Inc..New Original in Stock. Download Linear Technology ADUM7642ARQZ-RL7 datasheet/specifications on AllelcoElec.com. Request a quote for ADUM7642ARQZ-RL7, please send us email: info@allelco.com

Specifications

ADUM7642ARQZ-RL7 Tech Specifications
ADUM7642ARQZ-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	3V ~ 5.5V	Operating Temperature	-40°C ~ 105°C
Voltage - Isolation	1000Vrms	Number of Channels	6
Type	General Purpose	Mounting Type	Surface Mount
Technology	Magnetic Coupling	Isolated Power	No
Supplier Device Package	20-QSOP	Inputs - Side 1/Side 2	4/2
Series	iCoupler®	Data Rate	1Mbps
Rise / Fall Time (Typ)	2ns, 2ns	Common Mode Transient Immunity (Min)	15kV/μs
Pulse Width Distortion (Max)	25ns	Channel Type	Unidirectional
Propagation Delay tpLH / tpHL (Max)	75ns, 75ns	Base Product Number	ADUM7642
Package / Case	20-SSOP (0.154", 3.90mm Width)		

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. ADUM7642ARQZ-RL7

Product Attribute				
Part Number	ADUM7642ARQZ-RL7	ADUM7640ARQZ	ADUM7643ARQZ-RL7	ADUM7641CRQZ-RL7
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Pulse Width Distortion (Max)	25ns	25ns	25ns	6ns
Rise / Fall Time (Typ)	2ns, 2ns	2ns, 2ns	2ns, 2ns	2ns, 2ns
Package / Case	20-SSOP (0.154", 3.90mm Width)	20-SSOP (0.154", 3.90mm Width)	20-SSOP (0.154", 3.90mm Width)	20-SSOP (0.154", 3.90mm Width)
Voltage - Isolation	1000Vrms	1000Vrms	1000Vrms	1000Vrms
Inputs - Side 1/Side 2	4/2	6/0	3/3	5/1
Base Product Number	ADUM7642	ADUM7640	ADUM7643	ADUM7641
Voltage - Supply	3V ~ 5.5V	3V ~ 5.5V	3V ~ 5.5V	3V ~ 5.5V
Channel Type	Unidirectional	Unidirectional	Unidirectional	Unidirectional
Package	Tape & Reel (TR)	Tube	Tape & Reel (TR)	Tape & Reel (TR)
Data Rate	1Mbps	1Mbps	1Mbps	25Mbps
Common Mode Transient Immunity (Min)	15kV/μs	15kV/μs	15kV/μs	15kV/μs
Isolated Power	No	No	No	No
Operating Temperature	-40°C ~ 105°C	-40°C ~ 105°C	-40°C ~ 105°C	-40°C ~ 105°C
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Series	iCoupler®	iCoupler®	iCoupler®	iCoupler®
Supplier Device Package	20-QSOP	20-QSOP	20-QSOP	20-QSOP
Propagation Delay tpLH / tpHL (Max)	75ns, 75ns	75ns, 75ns	75ns, 75ns	50ns, 50ns
Technology	Magnetic Coupling	Magnetic Coupling	Magnetic Coupling	Magnetic Coupling
Type	General Purpose	General Purpose	General Purpose	General Purpose
Number of Channels	6	6	6	6

ADUM7642ARQZ-RL7 Datasheet PDF

Download ADUM7642ARQZ-RL7 pdf datasheets and Analog Devices Inc. documentation for ADUM7642ARQZ-RL7 - Analog Devices Inc..

Datasheets

ADuM7640-43.pdf

Other Related Documents

Tape and Reel Packaging.pdf



ADuM764y Assembly Site Transfer
8/Jan/2018.pdf

Customers Also Interested in

Recommended Products

ADUM7640ARQZ Analog Devices Inc. DGTL ISO 1000VRMS 6CH GP 20QSOP	ADUM7703-8BRIZ Analog Devices Inc. +/- 250MV LOW POWER ISO ADC WITH	ADUM7643ARQZ-RL7 Analog Devices Inc. DGTL ISO 1000VRMS 6CH GP 20QSOP	ADUM7641CRQZ-RL7 Analog Devices Inc. DGTL ISO 1000VRMS 6CH GP 20QSOP	ADUM7704BRWZ Analog Devices Inc. +/- 50MV LOW POWER ISO ADC WITH	ADUM7442ARQZ-RL7 Analog Devices Inc. DGTL ISO 1000VRMS 4CH GP 16QSOP
ADUM7701-8BRIZ-RL Analog Devices Inc. IC ADC 16BIT SIGMA-DELTA 8SOIC	ADUM7442CRQZ Analog Devices Inc. DGTL ISO 1000VRMS 4CH GP 16QSOP	ADUM7510BRQZ-RL7 Analog Devices Inc. DGTL ISO 1000VRMS 5CH GP 16QSOP	ADUM7702-8BRIZ-RL7 Analog Devices Inc. +/- 50MV LOW POWER ISO ADC	ADUM7510BRWZ Analog Devices Inc. DGTL ISO 1KV 5CH GEN PURP	ADUM7643CRQZ-RL7 Analog Devices Inc. DGTL ISO 1000VRMS 6CH GP 20QSOP
ADUM7640CRQZ Analog Devices Inc. DGTL ISO 1000VRMS 6CH GP 20QSOP	ADUM7642CRQZ-RL7 Analog Devices Inc. DGTL ISO 1000VRMS 6CH GP 20QSOP	ADUM7510BRWZ-RL Analog Devices Inc. DGTL ISO 1KV 5CH GEN PURP	ADUM7640CRQZ-RL7 Analog Devices Inc. DGTL ISO 1000VRMS 6CH GP 20QSOP	ADUM7702-8BRIZ Analog Devices Inc. +/- 50MV LOW POWER ISO ADC	ADUM7510BRQZ Analog Devices Inc. DGTL ISO 1000VRMS 5CH GP 16QSOP

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



View More

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