

ADUM7642ARQZ Information


For Reference Only

Part Number [ADUM7642ARQZ](#)
Manufacturer Analog Devices Inc.
Category Isolators
[Digital Isolators](#)
Description DGTL ISO 1KV 6CH GEN PURP 20QSOP
Package 20-SSOP (0.154", 3.90mm Width)
 For the pricing/inventory/lead time, please contact us
 Website: <https://www.heisener.com>
 E-mail: salesdept@heisener.com


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Certified Quality

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.


ADUM7642ARQZ Specifications

Manufacturer Part Number	ADUM7642ARQZ
Manufacturer	Analog Devices Inc.
Category	Isolators Digital Isolators
Package	20-SSOP (0.154", 3.90mm Width)
Series	iCoupler?
Technology	Magnetic Coupling
Type	General Purpose
Isolated Power	No
Number of Channels	6
Inputs - Side 1/Side 2	4/2
Channel Type	Unidirectional
Voltage - Isolation	1000Vrms
Common Mode Transient Immunity (Min)	15kV/μs
Data Rate	1Mbps
Propagation Delay tpLH / tpHL (Max)	75ns, 75ns
Pulse Width Distortion (Max)	25ns
Rise / Fall Time (Typ)	2ns, 2ns
Voltage - Supply	3 V ~ 5.5 V
Operating Temperature	-40°C ~ 105°C
Package / Case	20-SSOP (0.154", 3.90mm Width)
Supplier Device Package	20-QSOP

[Report errors?](#)

ADUM7642ARQZ Guarantees



Quality Guarantees

We provide 90 days warranty. *

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



Service Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

ADUM7642ARQZ Payment Methods



ADUM7642ARQZ Shipping Methods



If you have any question about ADUM7642ARQZ, please do not hesitate to contact us!

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