



Image may be representation.  
See specifications for product details.

### ADUM4120ARIZ

Part Number: **ADUM4120ARIZ**  
 Product Description: DGTL ISO 5KV 1CH GATE DRVR 6SOIC  
 RoHs Status: Lead free / RoHS Compliant  
 Datasheets: [ADUM4120ARIZ.pdf](#)

Manufacturer/Brand: ADI (Analog Devices, Inc.)  
 Ship From: Hong Kong  
 Shipment Way: DHL/Fedex/TNT/UPS/EMS

[SUBMIT RFQ](#)

#### Product details

<b>Part Number</b>	ADUM4120ARIZ	<b>Manufacturer</b>	ADI (Analog Devices, Inc.)
<b>Description</b>	DGTL ISO 5KV 1CH GATE DRVR 6SOIC	<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Data sheet</b>	<a href="#">ADUM4120ARIZ.pdf</a>		
<b>Voltage - Supply</b>	4.5 V ~ 35 V	<b>Voltage - Isolation</b>	5000Vrms
<b>Voltage - Forward (Vf) (Typ)</b>	-	<b>Technology</b>	Magnetic Coupling
<b>Supplier Device Package</b>	6-SOIC-IC	<b>Series</b>	iCoupler®
<b>Rise / Fall Time (Typ)</b>	18ns, 18ns	<b>Pulse Width Distortion (Max)</b>	16.5ns
<b>Propagation Delay tpLH / tpHL (Max)</b>	69ns, 79ns	<b>Packaging</b>	Tube
<b>Package / Case</b>	6-SOIC (0.295", 7.50mm Width)	<b>Operating Temperature</b>	-40°C ~ 125°C
<b>Number of Channels</b>	1	<b>Mounting Type</b>	Surface Mount
<b>Moisture Sensitivity Level (MSL)</b>	3 (168 Hours)	<b>Manufacturer Standard Lead Time</b>	9 Weeks
<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant	<b>Detailed Description</b>	2.3A Gate Driver Magnetic Coupling 5000Vrms 1 Channel 6-SOIC-IC
<b>Current - Peak Output</b>	2.3A	<b>Current - Output High, Low</b>	-
<b>Common Mode Transient Immunity (Min)</b>	150kV/µs	<b>Base Part Number</b>	ADUM4120
<b>Approvals</b>	CSA, UR, VDE		

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