



## **ADUM3480BRSZ Information**



For Reference Only

Part Number ADUM3480BRSZ
Manufacturer Analog Devices Inc.

**Category** Isolators

**Digital Isolators** 

**Description** DGTL ISO 3.75KV GEN PURP 20SSOP

**Package** 20-SSOP (0.209", 5.30mm 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**

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# **ADUM3480BRSZ Specifications**

Manufacturer Part Number         ADUM3480BRSZ           Manufacturer         Analog Devices Inc.           Category         Isolators           Package         20-SSOP (0.209", 5.30mm Width)           Series         iCoupler?           Technology         Magnetic Coupling           Type         General Purpose           Isolated Power         No           Number of Channels         4           Inputs - Side 1/Side 2         4/0           Channel Type         Unidirectional           Voltage - Isolation         3750Vrms           Common Mode Transient Immunity (Min)         25kV/µs           Data Rate         25Mbps           Propagation Delay tpLH / tpHL (Max)         33ns, 33ns           Pulse Width Distortion (Max)         3ns           Rise / Fall Time (Typ)         2.5ns, 2.5ns           Voltage - Supply         1.8 V ~ 5.5 V, 3 V ~ 5.5 V           Operating Temperature         40°C ~ 125°C           Package / Case         20-SSOP (0.209", 5.30mm Width)           Supplier Device Package         20-SSOP		
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Technology         Magnetic Coupling           Type         General Purpose           Isolated Power         No           Number of Channels         4           Inputs - Side 1/Side 2         4/0           Channel Type         Unidirectional           Voltage - Isolation         3750Vrms           Common Mode Transient Immunity (Min)         25kV/μs           Data Rate         25Mbps           Propagation Delay tpLH / tpHL (Max)         33ns, 33ns           Pulse Width Distortion (Max)         3ns           Rise / Fall Time (Typ)         2.5ns, 2.5ns           Voltage - Supply         1.8 V ~ 5.5 V, 3 V ~ 5.5 V           Operating Temperature         -40°C ~ 125°C           Package / Case         20-SSOP (0.209", 5.30mm Width)           Supplier Device Package         20-SSOP	Package	20-SSOP (0.209", 5.30mm Width)
Type General Purpose  Isolated Power No Number of Channels 4 Inputs - Side 1/Side 2 4/0 Channel Type Unidirectional Voltage - Isolation 3750Vrms Common Mode Transient Immunity (Min) 25kV/µs Data Rate 25Mbps Propagation Delay tpLH / tpHL (Max) 33ns, 33ns Pulse Width Distortion (Max) 3ns Rise / Fall Time (Typ) 2.5ns, 2.5ns Voltage - Supply 1.8 V ~ 5.5 V, 3 V ~ 5.5 V Operating Temperature -40°C ~ 125°C Package / Case 20-SSOP (0.209", 5.30mm Width) Supplier Device Package	Series	iCoupler?
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Inputs - Side 1/Side 2  Channel Type  Unidirectional  Voltage - Isolation  3750Vrms  Common Mode Transient Immunity (Min)  Data Rate  25Mbps  Propagation Delay tpLH / tpHL (Max)  Pulse Width Distortion (Max)  Rise / Fall Time (Typ)  2.5ns, 2.5ns  Voltage - Supply  1.8 V ~ 5.5 V, 3 V ~ 5.5 V  Operating Temperature  -40°C ~ 125°C  Package / Case  20-SSOP (0.209", 5.30mm Width)  Supplier Device Package	Isolated Power	No
Channel Type Voltage - Isolation 3750Vrms  Common Mode Transient Immunity (Min) 25kV/µs  Data Rate 25Mbps Propagation Delay tpLH / tpHL (Max) 33ns, 33ns  Pulse Width Distortion (Max) Rise / Fall Time (Typ) 2.5ns, 2.5ns  Voltage - Supply 1.8 V ~ 5.5 V, 3 V ~ 5.5 V  Operating Temperature -40°C ~ 125°C  Package / Case 20-SSOP (0.209", 5.30mm Width)  Supplier Device Package	Number of Channels	4
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Common Mode Transient Immunity (Min)  Data Rate  25Mbps  Propagation Delay tpLH / tpHL (Max)  33ns, 33ns  Pulse Width Distortion (Max)  Rise / Fall Time (Typ)  2.5ns, 2.5ns  Voltage - Supply  1.8 V ~ 5.5 V, 3 V ~ 5.5 V  Operating Temperature  -40°C ~ 125°C  Package / Case  20-SSOP (0.209", 5.30mm Width)  Supplier Device Package	Channel Type	Unidirectional
Data Rate 25Mbps  Propagation Delay tpLH / tpHL (Max) 33ns, 33ns  Pulse Width Distortion (Max) 3ns  Rise / Fall Time (Typ) 2.5ns, 2.5ns  Voltage - Supply 1.8 V ~ 5.5 V, 3 V ~ 5.5 V  Operating Temperature -40°C ~ 125°C  Package / Case 20-SSOP (0.209", 5.30mm Width)  Supplier Device Package 20-SSOP	Voltage - Isolation	3750Vrms
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Rise / Fall Time (Typ) $2.5 \text{ns}, 2.5 \text{ns}$ Voltage - Supply $1.8 \text{ V} \sim 5.5 \text{ V}, 3 \text{ V} \sim 5.5 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Package / Case $20\text{-SSOP}$ ( $0.209^{\circ}$ , $5.30 \text{mm}$ Width)Supplier Device Package $20\text{-SSOP}$	Propagation Delay tpLH / tpHL (Max)	33ns, 33ns
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Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Package / Case $20\text{-SSOP} (0.209^{\circ}, 5.30 \text{mm Width})$ Supplier Device Package $20\text{-SSOP}$	Rise / Fall Time (Typ)	2.5ns, 2.5ns
Package / Case 20-SSOP (0.209", 5.30mm Width) Supplier Device Package 20-SSOP	Voltage - Supply	1.8 V ~ 5.5 V, 3 V ~ 5.5 V
Supplier Device Package 20-SSOP	Operating Temperature	-40°C ~ 125°C
	Package / Case	20-SSOP (0.209", 5.30mm Width)
Report errors?	Supplier Device Package	20-SSOP
		Report errors?

### **ADUM3480BRSZ 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.

### **ADUM3480BRSZ Payment Methods**



















## **ADUM3480BRSZ Shipping Methods**













If you have any question about ADUM3480BRSZ, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com