



ADM3052BRWZ Information



For Reference Only

Part Number ADM3052BRWZ
Manufacturer Analog Devices Inc.

Category Isolators

Digital Isolators

Description DGTL ISOLATOR 5KV 3CH CAN 16SOIC

Package 16-SOIC (0.295", 7.50mm Width)

For the pricing/inventory/lead time, please contact

us

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



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ADM3052BRWZ Specifications

Manufacturer Part Number ADM3052BRWZ Manufacturer Analog Devices Inc. Category Isolators Package 16-SOIC (0.295", 7.50mm Width) Series iCoupler? Technology Magnetic Coupling Type CAN Isolated Power Yes Number of Channels 3 Inputs - Side 1/Side 2 1/2 Channel Type Unidirectional Voltage - Isolation 5000Vrms Common Mode Transient Immunity (Min) 25kV/µs Data Rate 1Mbps Propagation Delay tpLH / tpHL (Max) - Pulse Width Distortion (Max) - Rise / Fall Time (Typ) 3.3V, 5V Operating Temperature 40°C ~ 85°C Package / Case 16-SOIC (0.295", 7.50mm Width) Supplier Device Package 16-SOIC		
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Technology Magnetic Coupling Type CAN Isolated Power Yes Number of Channels 3 Inputs - Side 1/Side 2 1/2 Channel Type Unidirectional Voltage - Isolation 5000Vrms Common Mode Transient Immunity (Min) 25kV/μs Data Rate 1Mbps Propagation Delay tpLH / tpHL (Max) - Pulse Width Distortion (Max) - Rise / Fall Time (Typ) - Voltage - Supply 3.3V, 5V Operating Temperature -40°C ~ 85°C Package / Case 16-SOIC (0.295", 7.50mm Width) Supplier Device Package 16-SOIC	Package	16-SOIC (0.295", 7.50mm Width)
Type CAN Isolated Power Yes Number of Channels 3 Inputs - Side 1/Side 2 1/2 Channel Type Unidirectional Voltage - Isolation 5000Vrms Common Mode Transient Immunity (Min) 25kV/μs Data Rate 1Mbps Propagation Delay tpLH / tpHL (Max) - Pulse Width Distortion (Max) - Rise / Fall Time (Typ) - Voltage - Supply 3.3V, 5V Operating Temperature -40°C ~ 85°C Package / Case 16-SOIC (0.295", 7.50mm Width) Supplier Device Package 16-SOIC	Series	iCoupler?
Isolated Power Number of Channels Inputs - Side 1/Side 2 Channel Type Unidirectional Voltage - Isolation Common Mode Transient Immunity (Min) Data Rate IMbps Propagation Delay tpLH / tpHL (Max) Pulse Width Distortion (Max) Rise / Fall Time (Typ) Voltage - Supply Operating Temperature -40°C ~ 85°C Package / Case 16-SOIC (0.295", 7.50mm Width) Supplier Device Package	Technology	Magnetic Coupling
Number of Channels3Inputs - Side 1/Side 21/2Channel TypeUnidirectionalVoltage - Isolation5000VrmsCommon Mode Transient Immunity (Min)25kV/μsData Rate1MbpsPropagation Delay tpLH / tpHL (Max)-Pulse Width Distortion (Max)-Rise / Fall Time (Typ)-Voltage - Supply3.3V, 5VOperating Temperature-40°C ~ 85°CPackage / Case16-SOIC (0.295", 7.50mm Width)Supplier Device Package16-SOIC	Туре	CAN
Inputs - Side 1/Side 21/2Channel TypeUnidirectionalVoltage - Isolation5000VrmsCommon Mode Transient Immunity (Min)25kV/μsData Rate1MbpsPropagation Delay tpLH / tpHL (Max)-Pulse Width Distortion (Max)-Rise / Fall Time (Typ)-Voltage - Supply3.3V, 5VOperating Temperature-40°C ~ 85°CPackage / Case16-SOIC (0.295", 7.50mm Width)Supplier Device Package16-SOIC	Isolated Power	Yes
Channel Type Voltage - Isolation 5000Vrms Common Mode Transient Immunity (Min) 25kV/µs Data Rate 1Mbps Propagation Delay tpLH / tpHL (Max) - Pulse Width Distortion (Max) - Rise / Fall Time (Typ) - Voltage - Supply 3.3V, 5V Operating Temperature -40°C ~ 85°C Package / Case 16-SOIC (0.295", 7.50mm Width) Supplier Device Package	Number of Channels	3
Voltage - Isolation 5000Vrms Common Mode Transient Immunity (Min) 25kV/µs Data Rate 1Mbps Propagation Delay tpLH / tpHL (Max) - Pulse Width Distortion (Max) - Rise / Fall Time (Typ) - Voltage - Supply 3.3V, 5V Operating Temperature -40°C ~ 85°C Package / Case 16-SOIC (0.295", 7.50mm Width) Supplier Device Package 16-SOIC	Inputs - Side 1/Side 2	1/2
Common Mode Transient Immunity (Min) Data Rate 1Mbps Propagation Delay tpLH / tpHL (Max) - Pulse Width Distortion (Max) Rise / Fall Time (Typ) - Voltage - Supply Operating Temperature Package / Case 16-SOIC (0.295", 7.50mm Width) Supplier Device Package	Channel Type	Unidirectional
Data Rate 1Mbps Propagation Delay tpLH / tpHL (Max) - Pulse Width Distortion (Max) - Rise / Fall Time (Typ) - Voltage - Supply 3.3V, 5V Operating Temperature -40°C ~ 85°C Package / Case 16-SOIC (0.295", 7.50mm Width) Supplier Device Package 16-SOIC	Voltage - Isolation	5000Vrms
Propagation Delay tpLH / tpHL (Max) Pulse Width Distortion (Max) Rise / Fall Time (Typ) Voltage - Supply Operating Temperature Package / Case 16-SOIC (0.295", 7.50mm Width) 16-SOIC	Common Mode Transient Immunity (Min)	25kV/μs
Pulse Width Distortion (Max) Rise / Fall Time (Typ) Voltage - Supply Operating Temperature Package / Case 16-SOIC (0.295", 7.50mm Width) Supplier Device Package	Data Rate	1Mbps
Rise / Fall Time (Typ)-Voltage - Supply $3.3V, 5V$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Package / Case 16-SOIC (0.295° , 7.50mm Width)Supplier Device Package 16-SOIC	Propagation Delay tpLH / tpHL (Max)	-
Voltage - Supply $3.3V, 5V$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Package / Case 16-SOIC $(0.295^{\circ}, 7.50\text{mm Width})$ Supplier Device Package 16-SOIC	Pulse Width Distortion (Max)	-
Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Package / Case 16-SOIC (0.295", 7.50mm Width) Supplier Device Package 16-SOIC	Rise / Fall Time (Typ)	-
Package / Case 16-SOIC (0.295", 7.50mm Width) Supplier Device Package 16-SOIC	Voltage - Supply	3.3V, 5V
Supplier Device Package 16-SOIC	Operating Temperature	-40°C ~ 85°C
	Package / Case	16-SOIC (0.295", 7.50mm Width)
Report errors?	Supplier Device Package	16-SOIC
		Report errors?

ADM3052BRWZ 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.

ADM3052BRWZ Payment Methods





















ADM3052BRWZ Shipping Methods













If you have any question about ADM3052BRWZ, please do not hesitate to contact us!

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