



MAX14931BAWE+ Information



For Reference Only

Part Number MAX14931BAWE+ **Manufacturer** Maxim Integrated

Category Isolators

Digital Isolators

Description DGTL ISO 2.75KV GEN PURP 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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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.









MAX14931BAWE+ Specifications

Manufacturer Part Number MAX14931BAWE+ Manufacturer Maxim Integrated Category Isolators Package 16-SOIC (0.295", 7.50mm Width) Series - Technology Capacitive Coupling Type General Purpose Isolated Power No Number of Channels 4 Inputs - Side 1/Side 2 3/1 Channel Type Unidirectional Voltage - Isolation 2750Vrms Common Mode Transient Immunity (Min) 25kV/µs (Typ) Data Rate 25Mbps Propagation Delay tpLH / tpHL (Max) 27.5ns, 28.8ns Pulse Width Distortion (Max) 2.6ns Rise / Fall Time (Typ) 2ns, 2ns Voltage - Supply 1.71 V ~ 5.5 V Operating Temperature 40°C ~ 125°C Package / Case 16-SOIC (0.295", 7.50mm Width) Supplier Device Package 16-SOIC (0.295", 7.50mm Width)		
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TypeGeneral PurposeIsolated PowerNoNumber of Channels4Inputs - Side 1/Side 23/1Channel TypeUnidirectionalVoltage - Isolation2750VrmsCommon Mode Transient Immunity (Min)25kV/µs (Typ)Data Rate25MbpsPropagation Delay tpLH / tpHL (Max)27.5ns, 28.8nsPulse Width Distortion (Max)2.6nsRise / Fall Time (Typ)2ns, 2nsVoltage - Supply1.71 V ~ 5.5 VOperating Temperature-40°C ~ 125°CPackage / Case16-SOIC (0.295", 7.50mm Width)Supplier Device Package16-SOIC	Series	-
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Number of Channels4Inputs - Side 1/Side 23/1Channel TypeUnidirectionalVoltage - Isolation2750VrmsCommon Mode Transient Immunity (Min)25kV/μs (Typ)Data Rate25MbpsPropagation Delay tpLH / tpHL (Max)27.5ns, 28.8nsPulse Width Distortion (Max)2.6nsRise / Fall Time (Typ)2ns, 2nsVoltage - Supply1.71 V ~ 5.5 VOperating Temperature-40°C ~ 125°CPackage / Case16-SOIC (0.295", 7.50mm Width)Supplier Device Package16-SOIC	Туре	General Purpose
Inputs - Side 1/Side 2 3/1 Channel Type Unidirectional Voltage - Isolation 2750Vrms Common Mode Transient Immunity (Min) 25kV/ μ s (Typ) Data Rate 25Mbps Propagation Delay tpLH / tpHL (Max) 27.5ns, 28.8ns Pulse Width Distortion (Max) 2.6ns Rise / Fall Time (Typ) 2ns, 2ns Voltage - Supply 1.71 V ~ 5.5 V Operating Temperature -40°C ~ 125°C Package / Case 16-SOIC (0.295", 7.50mm Width) Supplier Device Package	Isolated Power	No
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Voltage - Isolation 2750Vrms Common Mode Transient Immunity (Min) 25kV/ μ s (Typ) Data Rate 25Mbps Propagation Delay tpLH / tpHL (Max) 27.5ns, 28.8ns Pulse Width Distortion (Max) 2.6ns Rise / Fall Time (Typ) 2ns, 2ns Voltage - Supply 1.71 V ~ 5.5 V Operating Temperature -40°C ~ 125°C Package / Case 16-SOIC (0.295", 7.50mm Width) Supplier Device Package 16-SOIC	Inputs - Side 1/Side 2	3/1
Common Mode Transient Immunity (Min) Data Rate 25Mbps Propagation Delay tpLH / tpHL (Max) 27.5ns, 28.8ns Pulse Width Distortion (Max) Rise / Fall Time (Typ) 2ns, 2ns Voltage - Supply 1.71 V ~ 5.5 V Operating Temperature -40°C ~ 125°C Package / Case 16-SOIC (0.295", 7.50mm Width) Supplier Device Package	Channel Type	Unidirectional
Data Rate 25Mbps Propagation Delay tpLH / tpHL (Max) 27.5ns, 28.8ns Pulse Width Distortion (Max) 2.6ns Rise / Fall Time (Typ) 2ns, 2ns Voltage - Supply 1.71 V ~ 5.5 V Operating Temperature -40°C ~ 125°C Package / Case 16-SOIC (0.295", 7.50mm Width) Supplier Device Package 16-SOIC	Voltage - Isolation	2750Vrms
Propagation Delay tpLH / tpHL (Max) 27.5ns, 28.8ns Pulse Width Distortion (Max) 2.6ns Rise / Fall Time (Typ) 2ns, 2ns Voltage - Supply 1.71 V ~ 5.5 V Operating Temperature -40°C ~ 125°C Package / Case 16-SOIC (0.295", 7.50mm Width) Supplier Device Package 16-SOIC	Common Mode Transient Immunity (Min)	25kV/µs (Typ)
Pulse Width Distortion (Max) Rise / Fall Time (Typ) 2ns, 2ns Voltage - Supply 1.71 V ~ 5.5 V Operating Temperature -40°C ~ 125°C Package / Case 16-SOIC (0.295", 7.50mm Width) Supplier Device Package	Data Rate	25Mbps
Rise / Fall Time (Typ) 2ns, 2ns Voltage - Supply 1.71 V \sim 5.5 V Operating Temperature -40°C \sim 125°C Package / Case 16-SOIC (0.295", 7.50mm Width) Supplier Device Package 16-SOIC	Propagation Delay tpLH / tpHL (Max)	27.5ns, 28.8ns
Voltage - Supply $1.71 \text{ V} \sim 5.5 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Package / Case $16\text{-SOIC} \ (0.295'', 7.50\text{mm Width})$ Supplier Device Package 16-SOIC	Pulse Width Distortion (Max)	2.6ns
Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Package / Case 16-SOIC (0.295", 7.50mm Width) Supplier Device Package 16-SOIC	Rise / Fall Time (Typ)	2ns, 2ns
Package / Case 16-SOIC (0.295", 7.50mm Width) Supplier Device Package 16-SOIC	Voltage - Supply	1.71 V ~ 5.5 V
Supplier Device Package 16-SOIC	Operating Temperature	-40°C ~ 125°C
	Package / Case	16-SOIC (0.295", 7.50mm Width)
Report errors?	Supplier Device Package	16-SOIC
		Report errors?

MAX14931BAWE+ 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.

MAX14931BAWE+ Payment Methods





















MAX14931BAWE+ Shipping Methods













If you have any question about MAX14931BAWE+, please do not hesitate to contact us!

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