



MAX14933AWE+ Information



For Reference Only

Part Number MAX14933AWE+ **Manufacturer** Maxim Integrated

Category Isolators

Digital Isolators

Description DGTL ISO 2.75KV 2CH 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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MAX14933AWE+ Specifications

Manufacturer Part Number MAX14933AWE+ Manufacturer Maxim Integrated Category Isolators Package 16-SOIC (0.295", 7.50mm Width) Series - Technology Capacitive Coupling Type 12C Isolated Power No Number of Channels 2 Inputs - Side 1/Side 2 2/2 Channel Type Bidirectional Voltage - Isolation 2750Vrms Common Mode Transient Immunity (Min) 25kV/µs (Typ) Data Rate - Propagation Delay tpLH / tpHL (Max) - Pulse Width Distortion (Max) 65ns, 95ns Rise / Fall Time (Typ) 2.25 V ~ 5.5 V Operating Temperature 40°C ~ 125°C Package / Case 16-SOIC (0.295", 7.50mm Width) Supplier Device Package 16-SOIC		
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Package 16-SOIC (0.295", 7.50mm Width) Series - Technology Capacitive Coupling Type I2C Isolated Power No Number of Channels 2 Inputs - Side 1/Side 2 2/2 Channel Type Bidirectional Voltage - Isolation 2750Vrms Common Mode Transient Immunity (Min) 25kV/μs (Typ) Data Rate - Propagation Delay tpLH / tpHL (Max) - Pulse Width Distortion (Max) 65ns, 95ns Rise / Fall Time (Typ) - Voltage - Supply 2.25 V ~ 5.5 V Operating Temperature -40°C ~ 125°C Package / Case 16-SOIC (0.295", 7.50mm Width) Supplier Device Package 16-SOIC	Category	Isolators
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Technology Capacitive Coupling Type 12C Isolated Power No Number of Channels 2 Inputs - Side 1/Side 2 2/2 Channel Type Bidirectional Voltage - Isolation 2750Vrms Common Mode Transient Immunity (Min) 25kV/μs (Typ) Data Rate - Propagation Delay tpLH / tpHL (Max) - Pulse Width Distortion (Max) 65ns, 95ns Rise / Fall Time (Typ) - Voltage - Supply 2.25 V ~ 5.5 V Operating Temperature -40°C ~ 125°C Package / Case 16-SOIC (0.295", 7.50mm Width) Supplier Device Package 16-SOIC	Package	16-SOIC (0.295", 7.50mm Width)
Type I2C Isolated Power No Number of Channels 2 Inputs - Side 1/Side 2 2/2 Channel Type Bidirectional Voltage - Isolation 2750Vrms Common Mode Transient Immunity (Min) 25kV/µs (Typ) Data Rate - Propagation Delay tpLH / tpHL (Max) - Pulse Width Distortion (Max) 65ns, 95ns Rise / Fall Time (Typ) - Voltage - Supply 2.25 V ~ 5.5 V Operating Temperature -40°C ~ 125°C Package / Case 16-SOIC (0.295", 7.50mm Width) Supplier Device Package	Series	-
Isolated Power Number of Channels Inputs - Side 1/Side 2 Channel Type Bidirectional Voltage - Isolation Common Mode Transient Immunity (Min) Data Rate Propagation Delay tpLH / tpHL (Max) Pulse Width Distortion (Max) Rise / Fall Time (Typ) Voltage - Supply Operating Temperature Package / Case 16-SOIC No Bidirectional 2750Vrms 2750Vrms 2750Vrms 25kV/µs (Typ)	Technology	Capacitive Coupling
Number of Channels2Inputs - Side 1/Side 22/2Channel TypeBidirectionalVoltage - Isolation2750VrmsCommon Mode Transient Immunity (Min)25kV/μs (Typ)Data Rate-Propagation Delay tpLH / tpHL (Max)-Pulse Width Distortion (Max)65ns, 95nsRise / Fall Time (Typ)-Voltage - Supply2.25 V ~ 5.5 VOperating Temperature-40°C ~ 125°CPackage / Case16-SOIC (0.295", 7.50mm Width)Supplier Device Package16-SOIC	Type	I2C
Inputs - Side 1/Side 2 Channel Type Bidirectional Voltage - Isolation 2750Vrms Common Mode Transient Immunity (Min) Data Rate - Propagation Delay tpLH / tpHL (Max) Pulse Width Distortion (Max) Rise / Fall Time (Typ) Voltage - Supply Operating Temperature -40°C ~ 125°C Package / Case Supplier Device Package 16-SOIC	Isolated Power	No
Channel Type Voltage - Isolation 2750Vrms Common Mode Transient Immunity (Min) Data Rate 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	Number of Channels	2
Voltage - Isolation 2750Vrms Common Mode Transient Immunity (Min) 25kV/μs (Typ) Data Rate	Inputs - Side 1/Side 2	2/2
Common Mode Transient Immunity (Min) Data Rate - 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	Channel Type	Bidirectional
Data Rate - Propagation Delay tpLH / tpHL (Max) - Pulse Width Distortion (Max) 65ns, 95ns Rise / Fall Time (Typ) - Voltage - Supply 2.25 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) Pulse Width Distortion (Max) Rise / Fall Time (Typ) Voltage - Supply Coperating Temperature Package / Case 16-SOIC (0.295", 7.50mm Width) 16-SOIC	Common Mode Transient Immunity (Min)	25kV/µs (Typ)
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	-
Rise / Fall Time (Typ)-Voltage - Supply $2.25 \text{ V} \sim 5.5 \text{ V}$ 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	Propagation Delay tpLH / tpHL (Max)	-
Voltage - Supply $2.25 \text{ V} \sim 5.5 \text{ V}$ 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)	65ns, 95ns
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)	-
Package / Case 16-SOIC (0.295", 7.50mm Width) Supplier Device Package 16-SOIC	Voltage - Supply	2.25 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?

MAX14933AWE+ 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.

MAX14933AWE+ Payment Methods



















MAX14933AWE+ Shipping Methods













If you have any question about MAX14933AWE+, please do not hesitate to contact us!

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