



SI8410AD-A-ISR Information



For Reference Only

Part NumberSI8410AD-A-ISRManufacturerSilicon LabsCategoryIsolators

Digital Isolators

Description DGTL ISO 5KV 1CH 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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SI8410AD-A-ISR Specifications

Manufacturer Part Number \$18410AD-A-ISR Manufacturer \$115con Labs Category Isolators Package 16-SOIC (0.295", 7.50mm Width) Series - Technology Capacitive Coupling Type General Purpose Isolated Power No Number of Channels 1 Inputs - Side 1/Side 2 1/0 Channel Type Unidirectional Voltage - Isolation 5000Vrms Common Mode Transient Immunity (Min) 20kV/µs Data Rate 1Mbps Propagation Delay tpLH / tpHL (Max) 35ns, 35ns Pulse Width Distortion (Max) 25ns Rise / Fall Time (Typ) 2.7 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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Number of Channels1Inputs - Side 1/Side 21/0Channel TypeUnidirectionalVoltage - Isolation5000VrmsCommon Mode Transient Immunity (Min)20kV/μsData Rate1MbpsPropagation Delay tpLH / tpHL (Max)35ns, 35nsPulse Width Distortion (Max)25nsRise / Fall Time (Typ)2ns, 2nsVoltage - Supply2.7 V ~ 5.5 VOperating Temperature-40°C ~ 125°CPackage / Case16-SOIC (0.295", 7.50mm Width)Supplier Device Package16-SOIC	Туре	General Purpose
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Channel Type Voltage - Isolation 5000Vrms Common Mode Transient Immunity (Min) 20kV/µs Data Rate 1Mbps Propagation Delay tpLH / tpHL (Max) 35ns, 35ns Pulse Width Distortion (Max) 25ns Rise / Fall Time (Typ) 2ns, 2ns Voltage - Supply 2.7 V ~ 5.5 V Operating Temperature -40°C ~ 125°C Package / Case 16-SOIC (0.295", 7.50mm Width) Supplier Device Package	Number of Channels	1
Voltage - Isolation 5000Vrms Common Mode Transient Immunity (Min) 20kV/ μ s Data Rate 1Mbps Propagation Delay tpLH / tpHL (Max) 35ns, 35ns Pulse Width Distortion (Max) 25ns Rise / Fall Time (Typ) 2ns, 2ns Voltage - Supply 2.7 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	1/0
Common Mode Transient Immunity (Min) Data Rate 1Mbps Propagation Delay tpLH / tpHL (Max) Pulse Width Distortion (Max) Rise / Fall Time (Typ) 2ns, 2ns Voltage - Supply 2.7 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 1Mbps Propagation Delay tpLH / tpHL (Max) 35ns, 35ns Pulse Width Distortion (Max) 25ns Rise / Fall Time (Typ) 2ns, 2ns Voltage - Supply 2.7 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	5000Vrms
Propagation Delay tpLH / tpHL (Max) Pulse Width Distortion (Max) Rise / Fall Time (Typ) 2ns, 2ns Voltage - Supply 2.7 V ~ 5.5 V Operating Temperature -40°C ~ 125°C Package / Case 16-SOIC (0.295", 7.50mm Width) Supplier Device Package	Common Mode Transient Immunity (Min)	$20kV/\mu s$
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Voltage - Supply $ 2.7 \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\text{-SOIC} $	Pulse Width Distortion (Max)	25ns
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	2.7 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?

SI8410AD-A-ISR 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.

SI8410AD-A-ISR Payment Methods



















SI8410AD-A-ISR Shipping Methods













If you have any question about SI8410AD-A-ISR, please do not hesitate to contact us!

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