



#### SI8606AD-B-ISR Information



For Reference Only

Part NumberSI8606AD-B-ISRManufacturerSilicon LabsCategoryIsolators

**Digital Isolators** 

**Description** DGTL ISOLATOR 5KV 4CH I2C 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.









## SI8606AD-B-ISR Specifications

Manufacturer Part Number         \$18606AD-B-ISR           Manufacturer         Silicon Labs           Category         Isolators           Package         16-SOIC (0.295", 7.50mm Width)           Series         Automotive, AEC-Q100           Technology         Capacitive Coupling           Type         12C           Isolated Power         No           Number of Channels         4           Inputs - Side 1/Side 2         4/2           Channel Type         Bidirectional, Unidirectional           Voltage - Isolation         5000Vrms           Common Mode Transient Immunity (Min)         35kV/µs           Data Rate         -           Propagation Delay tpLH / tpHL (Max)         -           Rise / Fall Time (Typ)         -           Voltage - Supply         3 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 Channels4Inputs - Side 1/Side 24/2Channel TypeBidirectional, UnidirectionalVoltage - Isolation5000VrmsCommon Mode Transient Immunity (Min)35kV/μsData Rate-Propagation Delay tpLH / tpHL (Max)-Pulse Width Distortion (Max)-Rise / Fall Time (Typ)-Voltage - Supply3 V ~ 5.5 VOperating Temperature-40°C ~ 125°CPackage / Case16-SOIC (0.295", 7.50mm Width)Supplier Device Package16-SOIC	Туре	12C
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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 $3 \text{ V} \sim 5.5 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Package / Case $16\text{-SOIC}$ (0.295", 7.50mm Width)Supplier Device Package $16\text{-SOIC}$	Propagation Delay tpLH / tpHL (Max)	-
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Report errors?	Supplier Device Package	16-SOIC
		Report errors?

#### SI8606AD-B-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.

### SI8606AD-B-ISR Payment Methods



















### SI8606AD-B-ISR Shipping Methods













If you have any question about SI8606AD-B-ISR, please do not hesitate to contact us!

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