



#### SI8630AB-B-ISR Information



For Reference Only

Part NumberSI8630AB-B-ISRManufacturerSilicon LabsCategoryIsolators

**Digital Isolators** 

**Description** DGTL ISO 2.5KV 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



Request a Quote

# **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.









## SI8630AB-B-ISR Specifications

Manufacturer Part NumberS18630AB-B-ISRManufacturerSilicon LabsCategoryIsolatorsPackage16-SOIC (0.295", 7.50mm Width)SeriesAutomotive, AEC-Q100TechnologyCapacitive CouplingTypeGeneral PurposeIsolated PowerNoNumber of Channels3Inputs - Side 1/Side 23/0Channel TypeUnidirectionalVoltage - Isolation2500VrmsCommon Mode Transient Immunity (Min)35kV/μsData Rate1MbpsPropagation Delay tpLH / tpHL (Max)35ns, 35ns
Category  Isolators  Digital Isolators  Package  16-SOIC (0.295", 7.50mm Width)  Series  Automotive, AEC-Q100  Technology  Capacitive Coupling  Type  General Purpose  Isolated Power  No  Number of Channels  Inputs - Side 1/Side 2  Channel Type  Unidirectional  Voltage - Isolation  Common Mode Transient Immunity (Min)  Data Rate  Isolators  Isolators  Automotive, AEC-Q100  Capacitive Coupling  3  Cuption  Cuption  Capacitive Coupling  Unidirectional  2500Vrms
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Number of Channels       3         Inputs - Side 1/Side 2       3/0         Channel Type       Unidirectional         Voltage - Isolation       2500Vrms         Common Mode Transient Immunity (Min)       35kV/μs         Data Rate       1Mbps
Inputs - Side 1/Side 2  Channel Type  Unidirectional  Voltage - Isolation  Common Mode Transient Immunity (Min)  Data Rate  3/0  Unidirectional  2500Vrms  1Mbps
Channel Type       Unidirectional         Voltage - Isolation       2500Vrms         Common Mode Transient Immunity (Min)       35kV/μs         Data Rate       1Mbps
Voltage - Isolation 2500Vrms Common Mode Transient Immunity (Min) 35kV/μs Data Rate 1Mbps
Common Mode Transient Immunity (Min)  Data Rate  35kV/μs  1Mbps
Data Rate 1Mbps
1
Propagation Delay tpLH / tpHL (Max) 35ns, 35ns
Pulse Width Distortion (Max) 25ns
Rise / Fall Time (Typ) 2.5ns, 2.5ns
Voltage - Supply $2.5 \text{ V} \sim 5.5 \text{ V}$
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
Report error

#### SI8630AB-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.

#### SI8630AB-B-ISR Payment Methods





















### SI8630AB-B-ISR Shipping Methods













If you have any question about SI8630AB-B-ISR, please do not hesitate to contact us!

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