

SI8712AC-B-ISR Information


For Reference Only

Part Number [SI8712AC-B-ISR](#)
Manufacturer Silicon Labs
Category Isolators
[Digital Isolators](#)
Description DGTL ISO 3.75KV GEN PURP 8SOIC
Package 8-SOIC (0.154", 3.90mm 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.


SI8712AC-B-ISR Specifications

Manufacturer Part Number	SI8712AC-B-ISR
Manufacturer	Silicon Labs
Category	Isolators Digital Isolators
Package	8-SOIC (0.154", 3.90mm Width)
Series	Automotive, AEC-Q100
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	3750Vrms
Common Mode Transient Immunity (Min)	20kV/μs
Data Rate	15Mbps
Propagation Delay tpLH / tpHL (Max)	60ns, 60ns
Pulse Width Distortion (Max)	20ns
Rise / Fall Time (Typ)	15ns, 5ns
Voltage - Supply	3 V ~ 30 V
Operating Temperature	-40°C ~ 125°C
Package / Case	8-SOIC (0.154", 3.90mm Width)
Supplier Device Package	8-SOIC

[Report errors?](#)

SI8712AC-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.

SI8712AC-B-ISR Payment Methods



SI8712AC-B-ISR Shipping Methods



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