

SI8050AA-B-IU Information


For Reference Only

Part Number [SI8050AA-B-IU](#)
Manufacturer Silicon Labs
Category Isolators
[Digital Isolators](#)
Description DGTL ISO 1KV 5CH GEN PURP 16QSOP
Package 16-SSOP (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.


SI8050AA-B-IU Specifications

Manufacturer Part Number	SI8050AA-B-IU
Manufacturer	Silicon Labs
Category	Isolators
	Digital Isolators
Package	16-SSOP (0.154", 3.90mm Width)
Series	Automotive, AEC-Q100
Technology	Capacitive Coupling
Type	General Purpose
Isolated Power	No
Number of Channels	5
Inputs - Side 1/Side 2	5/0
Channel Type	Unidirectional
Voltage - Isolation	1000Vrms
Common Mode Transient Immunity (Min)	35kV/μs
Data Rate	10Mbps
Propagation Delay tpLH / tpHL (Max)	65ns, 65ns
Pulse Width Distortion (Max)	30ns
Rise / Fall Time (Typ)	2.5ns, 2.5ns
Voltage - Supply	3.15 V ~ 5.5 V
Operating Temperature	-40°C ~ 125°C
Package / Case	16-SSOP (0.154", 3.90mm Width)
Supplier Device Package	16-QSOP
Report errors?	

SI8050AA-B-IU 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.

SI8050AA-B-IU Payment Methods



SI8050AA-B-IU Shipping Methods



If you have any question about SI8050AA-B-IU, please do not hesitate to contact us!

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