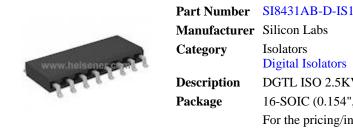


SI8431AB-D-IS1

SI8431AB-D-IS1 Information



t Number	S18431AB-D-IS1
nufacturer	Silicon Labs
egory	Isolators Digital Isolators
cription	DGTL ISO 2.5KV GEN PURP 16SOIC
kage	16-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

For Reference Only

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.



SI8431AB-D-IS1 Specifications

Manufacturer Part Number	SI8431AB-D-IS1
Manufacturer	Silicon Labs
Category	Isolators
	Digital Isolators
Package	16-SOIC (0.154", 3.90mm Width)
Series	Automotive, AEC-Q100
Technology	Capacitive Coupling
Туре	General Purpose
Isolated Power	No
Number of Channels	3
Inputs - Side 1/Side 2	2/1
Channel Type	Unidirectional
Voltage - Isolation	2500Vrms
Common Mode Transient Immunity (Min)	25kV/µs (Typ)
Data Rate	1Mbps
Propagation Delay tpLH / tpHL (Max)	35ns, 35ns
Pulse Width Distortion (Max)	25ns
Rise / Fall Time (Typ)	3.8ns, 2.8ns
Voltage - Supply	2.7 V ~ 5.5 V
Operating Temperature	-40°C ~ 125°C
Package / Case	16-SOIC (0.154", 3.90mm Width)
Supplier Device Package	16-SOIC
	Report errors?

SI8431AB-D-IS1 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.

SI8431AB-D-IS1 Payment Methods



SI8431AB-D-IS1 Shipping Methods



If you have any question about SI8431AB-D-IS1, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com