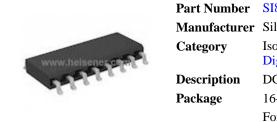


SI8642BC-B-IS1R

SI8642BC-B-IS1R Information



Number	SI8642BC-B-IS1R
ufacturer	Silicon Labs
egory	Isolators Digital Isolators
ription	DGTL ISO 3.75KV 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.



SI8642BC-B-IS1R Specifications

Manufacturer Part Number	SI8642BC-B-IS1R
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	4
Inputs - Side 1/Side 2	2/2
Channel Type	Unidirectional
Voltage - Isolation	3750Vrms
Common Mode Transient Immunity (Min)	35kV/µs
Data Rate	150Mbps
Propagation Delay tpLH / tpHL (Max)	13ns, 13ns
Pulse Width Distortion (Max)	4.5ns
Rise / Fall Time (Typ)	2.5ns, 2.5ns
Voltage - Supply	2.5 V ~ 5.5 V
Operating Temperature	$-40^{\circ}\mathrm{C} \sim 125^{\circ}\mathrm{C}$
Package / Case	16-SOIC (0.154", 3.90mm Width)
Supplier Device Package	16-SOIC
	Report errors?

SI8642BC-B-IS1R 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.

SI8642BC-B-IS1R Payment Methods



If you have any question about SI8642BC-B-IS1R, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com