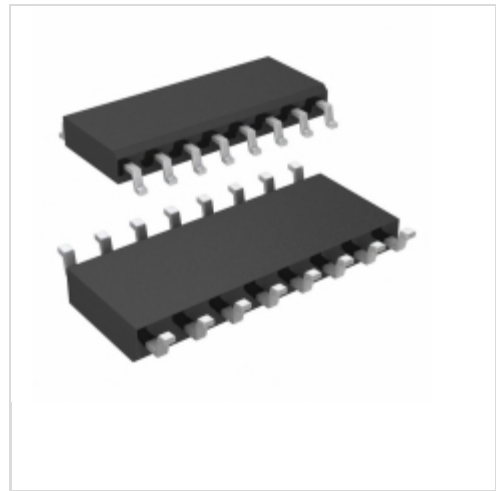


SI8442BB-D-ISR



Energy Micro (Silicon Labs)
 DGTL ISO 2.5KV GEN PURP 16SOIC
 Lead free / RoHS Compliant
 Isolators

[SI8442BB-D-ISR.pdf](#)

Buy Now

Out Stock
0 pcs
 Minimum:1
 Multiples:100
 Manufacturer lead time 10 weeks

Images are for reference only.
 See Product Specifications for product details.
 If you are interested to buy SI8442BB-D-ISR,Just Email us.
 Sales@zeanoit.com
 our sales team will reply you within 24 hours

Shopping Process

1

Confirm the product

2

submit the order

3

payment

4

wait for delivery

5

receive the goods

Specifications

Voltage - Supply:	2.7 V ~ 5.5 V
Voltage - Isolation:	2500Vrms
Type:	General Purpose
Technology:	Capacitive Coupling
Supplier Device Package:	16-SOIC
Series:	Automotive, AEC-Q100
Rise / Fall Time (Typ):	3.8ns, 2.8ns
Pulse Width Distortion (Max):	2.5ns
Propagation Delay tpLH / tpHL (Max):	9.5ns, 9.5ns
Packaging:	Tape & Reel (TR)
Package / Case:	16-SOIC (0.295", 7.50mm Width)
Operating Temperature:	-40°C ~ 125°C
Number of Channels:	4
Isolated Power:	No
Inputs - Side 1/Side 2:	2/2
Data Rate:	150Mbps
Common Mode Transient Immunity (Min):	25kV/μs (Typ)
Channel Type:	Unidirectional

Related products



SI8442BB-D-ISR1
 DGTL ISO 2.5KV GEN PURP 16SOIC
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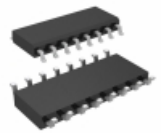
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