

Specifications	
Part Number	SI8442BA-C-IS1R
Manufacturer	Energy Micro (Silicon Labs)
Description	DGTL ISO 1KV 4CH GEN PURP 16SOIC
Category	Isolators > Digital Isolators
Part Status	2620 pcs Stock
Voltage - Supply	2.7 V ~ 5.5 V
Voltage - Isolation	1000Vrms
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 (0.154", 3.90mm 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

In:

SI8442BA-D-IS1R
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DGT L ISO 1KV 4CH GEN PURP
16SOIC



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SI8442AB-D-IS1R
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More

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