



Image may be representation. See specifications for product details.

SI8441BA-C-IS1R

Part Number: SI8441BA-C-IS1R

Product Description: DGTL ISO 1KV 4CH GEN PURP 16SOIC

RoHs Status: Lead free / RoHS Compliant

Datasheets: SI8441BA-C-IS1R.pdf

Manufacturer/Brand: Energy Micro (Silicon Labs)

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

SUBMIT RFQ

Product details

Part Number	SI8441BA-C-IS1R	Manufacturer	Energy Micro (Silicon Labs)
Description	DGTL ISO 1KV 4CH GEN PURP 16SOIC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Data sheet	SI8441BA-C-IS1R.pdf		
Voltage - Supply	2.7 V ~ 5.5 V	Voltage - Isolation	1000Vrms
Туре	General Purpose	Technology	Capacitive Coupling
Supplier Device Package	16-SOIC	Series	-
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	Mounting Type	Surface Mount
Moisture Sensitivity Level (MSL)	2 (1 Year)	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Isolated Power	No	Inputs - Side 1/Side 2	3/1
Detailed Description	General Purpose Digital Isolator 1000Vrms 4 Channel 150Mbps 25kV/µs (Typ) CMTI 16-SOIC (0.154", 3.90mm Width)	Data Rate	150Mbps
Common Mode Transient Immunity (Min)	25kV/μs (Typ)	Channel Type	Unidirectional

Related Products



SI8441AB-D-ISR

Manufacturers: Energy Micro (Silicon Labs)

Description: DGTL ISO 2.5KV GEN PURP 16SOIC

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SI8441BB-C-IS

Manufacturers: Energy Micro (Silicon Labs)

Description: IC ISOLATOR 4CH 5.5V 16-SOIC

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SI8441AB-D-IS

Manufacturers: Energy Micro (Silicon Labs)

Description: DGTL ISO 2.5KV GEN PURP 16SOIC

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Description: DGTL ISO 2.5KV GEN PURP 16SOIC

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SI8441BA-D-IS1

Manufacturers: Energy Micro (Silicon Labs)

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SI8441AB-D-IS1

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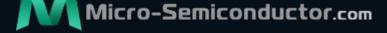
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