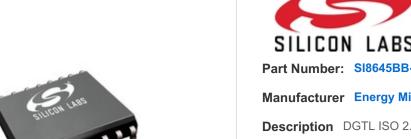# SI8645BB-B-IS1

SILICON LABS

Part Number: **SI8645BB-B-IS1**

Manufacturer: **Energy Micro (Silicon Labs)**

Description: DGTL ISO 2.5KV GEN PURP 16SOIC

Data sheet: 📄 **SI864x Datasheet**

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

Images are for reference only.
See Product Specifications for product details.
**Buy SI8645BB-B-IS1 with confidence from
Components-Store.com, 1 Year Warranty**

Request For Quotation

PRODUCT PARAMETER

Part Number	SI8645BB-B-IS1
Manufacturer	Energy Micro (Silicon Labs)
Description	DGTL ISO 2.5KV GEN PURP 16SOIC
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	43996 pcs
Product Photo	SI8645BB-B-IS1.jpg
Category	Isolators
Voltage - Supply	2.5 V ~ 5.5 V
Voltage - Isolation	2500Vrms
Type	General Purpose
Technology	Capacitive Coupling
Supplier Device Package	16-SOIC
Series	-
Rise / Fall Time (Typ)	2.5ns, 2.5ns
Pulse Width Distortion (Max)	4.5ns
Propagation Delay tpLH / tpHL (Max)	13ns, 13ns
Packaging	Tube
Package / Case	16-SOIC (0.154", 3.90mm Width)
Other Names	336-4708 SI8645BB-B-IS1-ND
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	4/0
Detailed Description	General Purpose Digital Isolator 2500Vrms 4 Channel 150Mbps 35kV/μs CMTI 16-SOIC (0.154", 3.90mm Width)
Data Rate	150Mbps
Common Mode Transient Immunity (Min)	35kV/μs
Channel Type	Unidirectional

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RFQ Email: info@Components-Store.com

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Part#	Description	Manufacturers	In Stock	
SI8645BA-B-IUR	DGTL ISO 1KV 4CH GEN PURP 16QSOP	Energy Micro (Silicon Labs)	39351	RFQ
SI8645BB-B-IS1R	DGTL ISO 2.5KV GEN PURP 16SOIC	Energy Micro (Silicon Labs)	41563	RFQ
SI8642ED-B-IS	DGTL ISO 5KV 4CH GEN PURP 16SOIC	Energy Micro (Silicon Labs)	34183	RFQ
SI8645BC-B-IS1R	DGTL ISO 3.75KV GEN PURP 16SOIC	Energy Micro (Silicon Labs)	37048	RFQ
SI8645BA-B-IU	DGTL ISO 1KV 4CH GEN PURP 16QSOP	Energy Micro (Silicon Labs)	41583	RFQ
SI8642ED-B-IS2R	QUAD CH 5KV ISOLATOR, 150M, 2/2,	Energy Micro (Silicon Labs)	32624	RFQ
SI8645BT-IS	DGTL ISO 5KV 4CH GEN PURP 16SOIC	Energy Micro (Silicon Labs)	22383	RFQ
SI8645BT-ISR	DGTL ISO 5KV 4CH GEN PURP 16SOIC	Energy Micro (Silicon Labs)	23504	RFQ
SI8642EC-B-IS1R	DGTL ISO 5KV 4CH GEN PURP 16SOIC	Energy Micro (Silicon Labs)	34259	RFQ
SI8642ED-B-ISR	DGTL ISO 5KV 4CH GEN PURP 16SOIC	Energy Micro (Silicon Labs)	35126	RFQ
SI8642ET-ISR	DGTL ISO 5KV 4CH GEN PURP 16SOIC	Energy Micro (Silicon Labs)	25943	RFQ
SI8642ED-B-IS2	QUAD CH 5KV ISOLATOR	Energy Micro (Silicon Labs)	31049	RFQ
SI8642ET-IS	DGTL ISO 5KV 4CH GEN PURP 16SOIC	Energy Micro (Silicon Labs)	23233	RFQ
SI8645BD-B-IS	DGTL ISO 5KV 4CH GEN PURP 16SOIC	Energy Micro (Silicon Labs)	28496	RFQ
SI8645BB-B-IU	DGTL ISO 2.5KV GEN PURP 16QSOP	Energy Micro (Silicon Labs)	46140	RFQ
SI8645BD-B-ISR	DGTL ISO 5KV 4CH GEN PURP 16SOIC	Energy Micro (Silicon Labs)	29739	RFQ
SI8645BC-B-IS1	DGTL ISO 3.75KV GEN PURP 16SOIC	Energy Micro (Silicon Labs)	32755	RFQ
SI8645BB-B-IUR	DGTL ISO 2.5KV GEN PURP 16QSOP	Energy Micro (Silicon Labs)	37997	RFQ
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