





Energy Micro (Silicon Labs)




SI8420BB-D-IS

Part Number:	SI8420BB-D-IS
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	DGTL ISO 2.5KV GEN PURP 8SOIC
Datasheets:	 SI8420BB-D-IS.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	103802 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION












Specifications of SI8420BB-D-IS

PART NUMBER	SI8420BB-D-IS
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	DGTL ISO 2.5KV GEN PURP 8SOIC
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	103802 pcs
DATA SHEET	 SI8420BB-D-IS.pdf
VOLTAGE - SUPPLY	2.7 V ~ 5.5 V
VOLTAGE - ISOLATION	2500Vrms
TYPE	General Purpose
TECHNOLOGY	Capacitive Coupling
SUPPLIER DEVICE PACKAGE	8-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	Tube
PACKAGE / CASE	8-SOIC (0.154", 3.90mm Width)
OTHER NAMES	336-1754-5 SI8420BBDIS
OPERATING TEMPERATURE	-40°C ~ 125°C
NUMBER OF CHANNELS	2
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	2A (4 Weeks)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
ISOLATED POWER	No
INPUTS - SIDE 1/SIDE 2	2/0
DETAILED DESCRIPTION	General Purpose Digital Isolator 2500Vrms 2 Channel 150Mbps 25kV/μs (Typ) CMTI 8-SOIC (0.154", 3.90mm Width)
DATA RATE	150Mbps
COMMON MODE TRANSIENT IMMUNITY (MIN)	25kV/μs (Typ)
CHANNEL TYPE	Unidirectional

Related Tags

Energy Micro (Silicon Labs) SI8420BB-D-IS	SI8420BB-D-IS Distributor	SI8420BB-D-IS Supplier
SI8420BB-D-IS Price	SI8420BB-D-IS Pictures	SI8420BB-D-IS Image
SI8420BB-D-IS PDF Datasheet	SI8420BB-D-IS Download Datasheet	SI8420BB-D-IS Datasheet
SI8420BB-D-IS Stock	Buy SI8420BB-D-IS	Buy Energy Micro (Silicon Labs) SI8420BB-D-IS
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Silicon Laboratories SI8420BB-D-IS	Silicon Labs SI8420BB-D-IS	

Related Products

<div><div>SI8421-A-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GEN PURP 8SOIC In stock: 6870 pcs</div><div>RFQ</div></div>	<div><div>SI8420AD-A-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 2CH GEN PURP 16SOIC In stock: 6991 pcs</div><div>RFQ</div></div>
<div><div>SI8420BD-D-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 2CH GEN PURP 16SOIC In stock: 57482 pcs</div><div>RFQ</div></div>	<div><div>SI8420AB-D-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GEN PURP 8SOIC In stock: 107549 pcs</div><div>RFQ</div></div>
<div><div>SI8420AD-D-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 2CH GEN PURP 16SOIC In stock: 65639 pcs</div><div>RFQ</div></div>	<div><div>SI8420AD-D-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 2CH GEN PURP 16SOIC In stock: 88686 pcs</div><div>RFQ</div></div>
<div><div>SI8420AB-D-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GEN PURP 8SOIC In stock: 78930 pcs</div><div>RFQ</div></div>	<div><div>SI8420BD-A-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 2CH GEN PURP 16SOIC In stock: 7044 pcs</div><div>RFQ</div></div>
<div><div>SI8420BB-D-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GEN PURP 8SOIC In stock: 109530 pcs</div><div>RFQ</div></div>	<div><div>SI8420BD-A-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 2CH GEN PURP 16SOIC In stock: 5949 pcs</div><div>RFQ</div></div>
<div><div>SI8420AD-A-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 2CH GEN PURP 16SOIC In stock: 5152 pcs</div><div>RFQ</div></div>	<div><div>SI8420BD-D-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 2CH GEN PURP 16SOIC In stock: 41052 pcs</div><div>RFQ</div></div>