





Energy Micro (Silicon Labs)




Image may be representation. See specifications for product details.

SI8640BB-B-ISR

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| Part Number: | SI8640BB-B-ISR |
| Manufacturer/Brand: | Energy Micro (Silicon Labs) |
| Product description | DGTL ISO 2.5KV GEN PURP 16SOIC |
| Datasheets: |  SI8640BB-B-ISR.pdf |
| RoHs Status |  Lead free / RoHS Compliant |
| Stock Condition | 34782 pcs stock |
| Ship From | Hong Kong |
| Shipment Way | DHL/Fedex/TNT/UPS/EMS |

REQUEST FOR QUOTATION












Specifications of SI8640BB-B-ISR

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|--------------------------------------|---|
| PART NUMBER | SI8640BB-B-ISR |
| MANUFACTURER | Energy Micro (Silicon Labs) |
| DESCRIPTION | DGTL ISO 2.5KV GEN PURP 16SOIC |
| LEAD FREE STATUS / ROHS STATUS | Lead free / RoHS Compliant |
| QUANTITY AVAILABLE | 34782 pcs |
| DATA SHEET |  SI8640BB-B-ISR.pdf |
| 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 | Cut Tape (CT) |
| PACKAGE / CASE | 16-SOIC (0.295", 7.50mm Width) |
| OTHER NAMES | 336-4937-1 |
| OPERATING TEMPERATURE | -40°C ~ 125°C |
| NUMBER OF CHANNELS | 4 |
| 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 | 4/0 |
| DETAILED DESCRIPTION | General Purpose Digital Isolator 2500Vrms 4 Channel 150Mbps 35kV/μs CMTI 16-SOIC (0.295", 7.50mm Width) |
| DATA RATE | 150Mbps |
| COMMON MODE TRANSIENT IMMUNITY (MIN) | 35kV/μs |
| CHANNEL TYPE | Unidirectional |

Related Tags

| | | |
|--|--------------------------------------|--|
| Energy Micro (Silicon Labs) SI8640BB-B-ISR | SI8640BB-B-ISR Distributor | SI8640BB-B-ISR Supplier |
| SI8640BB-B-ISR Price | SI8640BB-B-ISR Pictures | SI8640BB-B-ISR Image |
| SI8640BB-B-ISR PDF Datasheet | SI8640BB-B-ISR Download Datasheet | SI8640BB-B-ISR Datasheet |
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| Energy Micro (Silicon Labs) SI8640BB-B-ISR | Energy Micro (Silicon Labs) Supplier | Energy Micro (Silicon Labs) Distributor |
| Energy Micro (Silicon Labs) SI8640BB-B-ISR | Energy Micro SI8640BB-B-ISR | Energy Micro (Silicon Labs) SI8640BB-B-ISR |
| Silicon Laboratories SI8640BB-B-ISR | Silicon Labs SI8640BB-B-ISR | |

Related Products

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|--|---|
| <div></div> <div>SI8640BB-B-IU Manufacturers: Energy Micro (Silicon Labs) Description: QUAD CH 2.5KV ISOLATOR, 150M, 4/ In stock: 41917 pcs <div>RFQ</div></div> | <div></div> <div>SI8640BD-B-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 4CH GEN PURP 16SOIC In stock: 24578 pcs <div>RFQ</div></div> |
| <div></div> <div>SI8640BB-B-IUR Manufacturers: Energy Micro (Silicon Labs) Description: QUAD CH 2.5KV ISOLATOR, 150M, 4/ In stock: 42470 pcs <div>RFQ</div></div> | <div></div> <div>SI8640BB-B-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GEN PURP 16SOIC In stock: 40159 pcs <div>RFQ</div></div> |
| <div></div> <div>SI8640BA-B-IU Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GEN PURP 16QSOP In stock: 37516 pcs <div>RFQ</div></div> | <div></div> <div>SI8640BB-B-IS1 Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GEN PURP 16SOIC In stock: 39257 pcs <div>RFQ</div></div> |
| <div></div> <div>SI8640BD-B-IS2 Manufacturers: Energy Micro (Silicon Labs) Description: QUAD CH 5KV ISOLATOR In stock: 26122 pcs <div>RFQ</div></div> | <div></div> <div>SI8640AB-B-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GEN PURP 16SOIC In stock: 55481 pcs <div>RFQ</div></div> |
| <div></div> <div>SI8640BC-B-IS1 Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 3.75KV GEN PURP 16SOIC In stock: 33797 pcs <div>RFQ</div></div> | <div></div> <div>SI8640BB-B-IS1R Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GEN PURP 16SOIC In stock: 41032 pcs <div>RFQ</div></div> |
| <div></div> <div>SI8640BA-B-IUR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GEN PURP 16QSOP In stock: 47711 pcs <div>RFQ</div></div> | <div></div> <div>SI8640BC-B-IS1R Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 3.75KV GEN PURP 16SOIC In stock: 27985 pcs <div>RFQ</div></div> |