



Energy Micro (Silicon Labs)

SI8640AB-B-IS1

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| Part Number: | SI8640AB-B-IS1 |
| Manufacturer/Brand: | Energy Micro (Silicon Labs) |
| Product description: | DGTL ISO 2.5KV GEN PURP 16SOIC |
| Datasheets: | SI8640AB-B-IS1.pdf |
| RoHS Status: | Lead free / RoHS Compliant |
| Stock Condition: | 49725 pcs stock |
| Ship From: | Hong Kong |
| Shipment Way: | DHL/Fedex/TNT/UPS/EMS |

[REQUEST FOR QUOTATION](#)

Image may be representation. See specifications for product details.

Specifications of SI8640AB-B-IS1

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|--------------------------------------|---|
| PART NUMBER | SI8640AB-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 | 49725 pcs |
| DATA SHEET | SI8640AB-B-IS1.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) | 25ns |
| PROPAGATION DELAY TPLH / TPHL (MAX) | 35ns, 35ns |
| PACKAGING | Tube |
| PACKAGE / CASE | 16-SOIC (0.154", 3.90mm Width) |
| OTHER NAMES | 336-4210 SI8640AB-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 1Mbps 35kV/μs CMTI 16-SOIC (0.154", 3.90mm Width) |
| DATA RATE | 1Mbps |
| COMMON MODE TRANSIENT IMMUNITY (MIN) | 35kV/μs |
| CHANNEL TYPE | Unidirectional |

Related Tags

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| Energy Micro (Silicon Labs) SI8640AB-B-IS1 | SI8640AB-B-IS1 Distributor | SI8640AB-B-IS1 Supplier |
| SI8640AB-B-IS1 Price | SI8640AB-B-IS1 Pictures | SI8640AB-B-IS1 Image |
| SI8640AB-B-IS1 PDF Datasheet | SI8640AB-B-IS1 Download Datasheet | SI8640AB-B-IS1 Datasheet |
| SI8640AB-B-IS1 Stock | Buy SI8640AB-B-IS1 | Buy Energy Micro (Silicon Labs) SI8640AB-B-IS1 |
| Energy Micro (Silicon Labs) SI8640AB-B-IS1 | Energy Micro (Silicon Labs) Supplier | Energy Micro (Silicon Labs) Distributor |
| Energy Micro (Silicon Labs) SI8640AB-B-IS1 | Energy Micro SI8640AB-B-IS1 | Energy Micro (Silicon Labs) SI8640AB-B-IS1 |
| Silicon Laboratories SI8640AB-B-IS1 | Silicon Labs SI8640AB-B-IS1 | |

Related Products

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|---|---|
| <p>SI8635ET-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 3CH GEN PURP 16SOIC In stock: 30620 pcs RFQ</p> | <p>SI8640BB-B-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GEN PURP 16SOIC In stock: 40159 pcs RFQ</p> |
| <p>SI8635BD-B-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 3CH GEN PURP 16SOIC In stock: 36765 pcs RFQ</p> | <p>SI8635BT-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 3CH GEN PURP 16SOIC In stock: 38333 pcs RFQ</p> |
| <p>SI8635ET-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 3CH GEN PURP 16SOIC In stock: 34062 pcs RFQ</p> | <p>SI8640BB-B-IS1 Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GEN PURP 16SOIC In stock: 39257 pcs RFQ</p> |
| <p>SI8640AB-B-IS1R Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GEN PURP 16SOIC In stock: 61454 pcs RFQ</p> | <p>SI8640BA-B-IUR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GEN PURP 16QSOP In stock: 47711 pcs RFQ</p> |
| <p>SI8640AB-B-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GEN PURP 16SOIC In stock: 55481 pcs RFQ</p> | <p>SI8635BT-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 3CH GEN PURP 16SOIC In stock: 33523 pcs RFQ</p> |
| <p>SI8640BA-B-IU Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GEN PURP 16QSOP In stock: 37516 pcs RFQ</p> | <p>SI8640AB-B-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GEN PURP 16SOIC In stock: 44163 pcs RFQ</p> |