




Energy Micro (Silicon Labs)

SI8622EC-B-IS

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| Part Number: | SI8622EC-B-IS |
| Manufacturer/Brand: | Energy Micro (Silicon Labs) |
| Product description: | DGTL ISO 3.75KV GEN PURP 8SOIC |
| Datasheets: | PDF SI8622EC-B-IS.pdf |
| RoHS Status: |  Lead free / RoHS Compliant |
| 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 SI8622EC-B-IS

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|--------------------------------------|--|
| PART NUMBER | SI8622EC-B-IS |
| MANUFACTURER | Energy Micro (Silicon Labs) |
| DESCRIPTION | DGTL ISO 3.75KV GEN PURP 8SOIC |
| LEAD FREE STATUS / ROHS STATUS | Lead free / RoHS Compliant |
| DATA SHEET | PDF SI8622EC-B-IS.pdf |
| VOLTAGE - SUPPLY | 2.5 V ~ 5.5 V |
| VOLTAGE - ISOLATION | 3750Vrms |
| TYPE | General Purpose |
| TECHNOLOGY | Capacitive Coupling |
| SUPPLIER DEVICE PACKAGE | 8-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 | 8-SOIC (0.154", 3.90mm Width) |
| OTHER NAMES | 336-2070-5 SI8622ECBIS |
| OPERATING TEMPERATURE | -40°C ~ 125°C |
| NUMBER OF CHANNELS | 2 |
| MOUNTING TYPE | Surface Mount |
| MOISTURE SENSITIVITY LEVEL (MSL) | 2A (4 Weeks) |
| MANUFACTURER STANDARD LEAD TIME | 6 Weeks |
| LEAD FREE STATUS / ROHS STATUS | Lead free / RoHS Compliant |
| ISOLATED POWER | No |
| INPUTS - SIDE 1/SIDE 2 | 1/1 |
| DETAILED DESCRIPTION | General Purpose Digital Isolator 3750Vrms 2 Channel 150Mbps 35kV/μs CMTI 8-SOIC (0.154", 3.90mm Width) |
| DATA RATE | 150Mbps |
| COMMON MODE TRANSIENT IMMUNITY (MIN) | 35kV/μs |
| CHANNEL TYPE | Unidirectional |

Related Tags

| | | |
|---|--|---|
| Energy Micro (Silicon Labs) SI8622EC-B-IS | SI8622EC-B-IS Distributor | SI8622EC-B-IS Supplier |
| SI8622EC-B-IS Price | SI8622EC-B-IS Pictures | SI8622EC-B-IS Image |
| SI8622EC-B-IS PDF Datasheet | SI8622EC-B-IS Download Datasheet | SI8622EC-B-IS Datasheet |
| SI8622EC-B-IS Stock | Buy SI8622EC-B-IS | Buy Energy Micro (Silicon Labs) SI8622EC-B-IS |
| Energy Micro (Silicon Labs) SI8622EC-B-IS | Energy Micro (Silicon Labs) Supplier | Energy Micro (Silicon Labs) Distributor |
| Energy Micro (Silicon Labs) SI8622EC-B-IS | Energy Micro SI8622EC-B-IS | Energy Micro (Silicon Labs) SI8622EC-B-IS |
| Silicon Laboratories SI8622EC-B-IS | Silicon Labs SI8622EC-B-IS | |

Related Products

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|---|--|
|  <p>SI8622ED-B-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 2CH GEN PURP 16SOIC In stock: Out stock</p> <p>RFQ</p> |  <p>SI8622BT-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 2CH GEN PURP 16SOIC In stock: Out stock</p> <p>RFQ</p> |
|  <p>SI8622EC-B-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 3.75KV GEN PURP 8SOIC In stock: Out stock</p> <p>RFQ</p> |  <p>SI8622BT-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 2CH GEN PURP 16SOIC In stock: 38 pcs</p> <p>RFQ</p> |
|  <p>SI8630AB-B-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GEN PURP 16SOIC In stock: 41 pcs</p> <p>RFQ</p> |  <p>SI8622ET-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 2CH GEN PURP 16SOIC In stock: Out stock</p> <p>RFQ</p> |
|  <p>SI8622EB-B-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV 2CH GEN PUR 8SOIC In stock: Out stock</p> <p>RFQ</p> |  <p>SI8622ED-B-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 2CH GEN PURP 16SOIC In stock: 413 pcs</p> <p>RFQ</p> |
|  <p>SI8622EB-B-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV 2CH GEN PUR 8SOIC In stock: Out stock</p> <p>RFQ</p> |  <p>SI8622BD-B-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 2CH GEN PURP 16SOIC In stock: Out stock</p> <p>RFQ</p> |
|  <p>SI8622BD-B-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 2CH GEN PURP 16SOIC In stock: 49 pcs</p> <p>RFQ</p> |  <p>SI8622ET-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 2CH GEN PURP 16SOIC In stock: 141 pcs</p> <p>RFQ</p> |