**infinity-electronic**

SILICON LABS — Energy Micro (Silicon Labs)

## SI8422AB-D-IS

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|---|---|
| Part Number: | SI8422AB-D-IS |
| Manufacturer/Brand: | Energy Micro (Silicon Labs) |
| Product description | DGTL ISO 2.5KV GEN PURP 8SOIC |
| Datasheets: | SI8422AB-D-IS.pdf |
| RoHs Status | Lead free / RoHS Compliant |
| Stock Condition | 93802 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 SI8422AB-D-IS

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|---|---|
| PART NUMBER | SI8422AB-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 | 93802 pcs |
| DATA SHEET | SI8422AB-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) | 2ns, 2ns |
| PULSE WIDTH DISTORTION (MAX) | 25ns |
| PROPAGATION DELAY TPLH / TPHL (MAX) | 35ns, 35ns |
| PACKAGING | Tube |
| PACKAGE / CASE | 8-SOIC (0.154", 3.90mm Width) |
| 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 | 1/1 |
| DETAILED DESCRIPTION | General Purpose Digital Isolator 2500Vrms 2 Channel 1Mbps 20kV/μs CMTI 8-SOIC (0.154", 3.90mm Width) |
| DATA RATE | 1Mbps |
| COMMON MODE TRANSIENT IMMUNITY (MIN) | 20kV/μs |
| CHANNEL TYPE | Unidirectional |

## Related Tags

| | | |
|---|---|---|
| Energy Micro (Silicon Labs) SI8422AB-D-IS | SI8422AB-D-IS Distributor | SI8422AB-D-IS Supplier |
| SI8422AB-D-IS Price | SI8422AB-D-IS Pictures | SI8422AB-D-IS Image |
| SI8422AB-D-IS PDF Datasheet | SI8422AB-D-IS Download Datasheet | SI8422AB-D-IS Datasheet |
| SI8422AB-D-IS Stock | Buy SI8422AB-D-IS | Buy Energy Micro (Silicon Labs) SI8422AB-D-IS |
| Energy Micro (Silicon Labs) SI8422AB-D-IS | Energy Micro (Silicon Labs) Supplier | Energy Micro (Silicon Labs) Distributor |
| Energy Micro (Silicon Labs) SI8422AB-D-IS | Energy Micro SI8422AB-D-IS | Energy Micro (Silicon Labs) SI8422AB-D-IS |
| Silicon Laboratories SI8422AB-D-IS | Silicon Labs SI8422AB-D-IS | |

## Related Products

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|---|---|
| **SI8422AB-B-IS**<br>Manufacturers: Energy Micro (Silicon Labs)<br>Description: DGTL ISO 2.5KV GEN PURP 8SOIC<br>In stock: 3941 pcs<br>RFQ | **SI8422AB-D-ISR**<br>Manufacturers: Energy Micro (Silicon Labs)<br>Description: DGTL ISO 2.5KV GEN PURP 8SOIC<br>In stock: 80798 pcs<br>RFQ |
| **SI8421BD-B-IS**<br>Manufacturers: Energy Micro (Silicon Labs)<br>Description: DGTL ISO 5KV 2CH GEN PURP 16SOIC<br>In stock: 2949 pcs<br>RFQ | **SI8421BD-D-IS**<br>Manufacturers: Energy Micro (Silicon Labs)<br>Description: DGTL ISO 5KV 2CH GEN PURP 16SOIC<br>In stock: 43464 pcs<br>RFQ |
| **SI8422AD-B-ISR**<br>Manufacturers: Energy Micro (Silicon Labs)<br>Description: DGTL ISO 5KV 2CH GEN PURP 16SOIC<br>In stock: 6755 pcs<br>RFQ | **SI8421BD-D-ISR**<br>Manufacturers: Energy Micro (Silicon Labs)<br>Description: DGTL ISO 5KV 2CH GEN PURP 16SOIC<br>In stock: 56360 pcs<br>RFQ |
| **SI8422AD-D-IS**<br>Manufacturers: Energy Micro (Silicon Labs)<br>Description: DGTL ISO 5KV 2CH GEN PURP 16SOIC<br>In stock: 72853 pcs<br>RFQ | **SI8422BB-B-IS**<br>Manufacturers: Energy Micro (Silicon Labs)<br>Description: DGTL ISO 2.5KV GEN PURP 8SOIC<br>In stock: 6119 pcs<br>RFQ |
| **SI8422AB-B-ISR**<br>Manufacturers: Energy Micro (Silicon Labs)<br>Description: DGTL ISO 2.5KV GEN PURP 8SOIC<br>In stock: 3000 pcs<br>RFQ | **SI8422AD-D-ISR**<br>Manufacturers: Energy Micro (Silicon Labs)<br>Description: DGTL ISO 5KV 2CH GEN PURP 16SOIC<br>In stock: 69744 pcs<br>RFQ |
| **SI8422AD-B-IS**<br>Manufacturers: Energy Micro (Silicon Labs)<br>Description: DGTL ISO 5KV 2CH GEN PURP 16SOIC<br>In stock: 5566 pcs<br>RFQ | **SI8421BD-B-ISR**<br>Manufacturers: Energy Micro (Silicon Labs)<br>Description: DGTL ISO 5KV 2CH GEN PURP 16SOIC<br>In stock: 5692 pcs<br>RFQ |