



SI8431AB-D-IS

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| Manufacturer Part Number: | SI8431AB-D-IS |
| Manufacturer / Brand | Energy Micro (Silicon Labs) |
| Part of Description: | DGTL ISO 2.5KV GEN PURP 16SOIC |
| Datasheets: | SI8431AB-D-IS.pdf |
| Lead Free Status / RoHS Status: | Lead free / RoHS Compliant |
| Stock Condition: | New original, 2700 pcs Stock Available. |
| Ship From: | Hong Kong |
| Shipment Way: | DHL/Fedex/TNT/UPS |

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SI8431AB-D-IS 100% New Original 2700pcs in Stock, Find SI8431AB-D-IS Price, Stock, datasheet at IC Components Ltd Online, buy SI8431AB-D-IS Energy Micro (Silicon Labs) with warrantied. 100% guarantee confidence. RFQ SI8431AB-D-IS: Info@IC-Components.com
















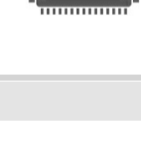
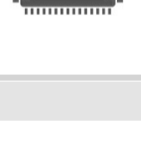


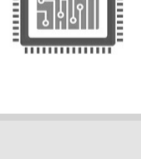
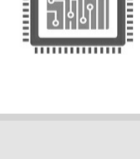
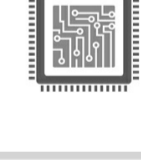


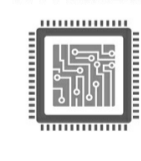
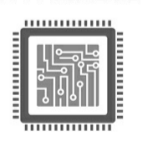
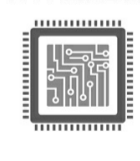



The specifications of SI8431AB-D-IS

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|--------------------------------------|--------------------------------|-------------------------------------|---|
| Part Number | SI8431AB-D-IS | Manufacturer / Brand | Energy Micro (Silicon Labs) |
| Series | - | Moisture Sensitivity Level (MSL) | 2A (4 Weeks) |
| Package / Case | 16-SOIC (0.295", 7.50mm Width) | Packaging | Tube |
| Mounting Type | Surface Mount | Supplier Device Package | 16-SOIC |
| Operating Temperature | -40°C ~ 125°C | Detailed Description | General Purpose Digital Isolator 2500Vrms 3 Channel 1Mbps 25kV/μs (Typ) CMTI 16-SOIC (0.295", 7.50mm Width) |
| Technology | Capacitive Coupling | Type | General Purpose |
| Number of Channels | 3 | Voltage - Supply | 2.7 V ~ 5.5 V |
| Voltage - Isolation | 2500Vrms | Data Rate | 1Mbps |
| Channel Type | Unidirectional | Rise / Fall Time (Typ) | 3.8ns, 2.8ns |
| Isolated Power | No | Inputs - Side 1/Side 2 | 2/1 |
| Common Mode Transient Immunity (Min) | 25kV/μs (Typ) | Propagation Delay tpLH / tpHL (Max) | 35ns, 35ns |
| Pulse Width Distortion (Max) | 25ns | Other Names | 336-1758-5 SI8431ABDIS |
| Stock Quantity | 2700 pcs Stock | Category | Isolators > Digital Isolators |
| Description | DGTL ISO 2.5KV GEN PURP 16SOIC | Lead Free Status / RoHS Status | Lead free / RoHS Compliant |

Keywords related to SI8431AB-D-IS

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|---|--|---|---|
| Energy Micro (Silicon Labs) SI8431AB-D-IS | SI8431AB-D-IS part | SI8431AB-D-IS Price | SI8431AB-D-IS Distributor |
| SI8431AB-D-IS Technical | SI8431AB-D-IS Stock | SI8431AB-D-IS Inventory | SI8431AB-D-IS Supplier |
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