





Energy Micro (Silicon Labs)




SI8431AB-D-IS

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| Part Number: | SI8431AB-D-IS |
| Manufacturer/Brand: | Energy Micro (Silicon Labs) |
| Product description | DGTL ISO 2.5KV GEN PURP 16SOIC |
| Datasheets: |  SI8431AB-D-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 SI8431AB-D-IS

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| PART NUMBER | SI8431AB-D-IS |
| MANUFACTURER | Energy Micro (Silicon Labs) |
| DESCRIPTION | DGTL ISO 2.5KV GEN PURP 16SOIC |
| LEAD FREE STATUS / ROHS STATUS | Lead free / RoHS Compliant |
| DATA SHEET |  SI8431AB-D-IS.pdf |
| VOLTAGE - SUPPLY | 2.7 V ~ 5.5 V |
| VOLTAGE - ISOLATION | 2500Vrms |
| TYPE | General Purpose |
| TECHNOLOGY | Capacitive Coupling |
| SUPPLIER DEVICE PACKAGE | 16-SOIC |
| SERIES | - |
| RISE / FALL TIME (TYP) | 3.8ns, 2.8ns |
| PULSE WIDTH DISTORTION (MAX) | 25ns |
| PROPAGATION DELAY TPLH / TPHL (MAX) | 35ns, 35ns |
| PACKAGING | Tube |
| PACKAGE / CASE | 16-SOIC (0.295", 7.50mm Width) |
| OTHER NAMES | 336-1758-5 SI8431ABDIS |
| OPERATING TEMPERATURE | -40°C ~ 125°C |
| NUMBER OF CHANNELS | 3 |
| 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 | 2/1 |
| DETAILED DESCRIPTION | General Purpose Digital Isolator 2500Vrms 3 Channel 1Mbps 25kV/μs (Typ) CMTI 16-SOIC (0.295", 7.50mm Width) |
| DATA RATE | 1Mbps |
| COMMON MODE TRANSIENT IMMUNITY (MIN) | 25kV/μs (Typ) |
| CHANNEL TYPE | Unidirectional |

Related Tags

| | | |
|---|--------------------------------------|---|
| Energy Micro (Silicon Labs) SI8431AB-D-IS | SI8431AB-D-IS Distributor | SI8431AB-D-IS Supplier |
| SI8431AB-D-IS Price | SI8431AB-D-IS Pictures | SI8431AB-D-IS Image |
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| Energy Micro (Silicon Labs) SI8431AB-D-IS | Energy Micro (Silicon Labs) Supplier | Energy Micro (Silicon Labs) Distributor |
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| Silicon Laboratories SI8431AB-D-IS | Silicon Labs SI8431AB-D-IS | |

Related Products

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