SI8431AB-D-ISR Details PDF





product details.

Energy Micro (Silicon Labs)

SILCON LABS

Image may be representation. See specifications for

SI8431AB-D-ISR

| Part Number: | SI8431AB-D-ISR |
|---------------------|--------------------------------|
| Manufacturer/Brand: | Energy Micro (Silicon Labs) |
| Product description | DGTL ISO 2.5KV GEN PURP 16SOIC |
| Datasheets: | ETT SI8431AB-D-ISR.pdf |
| RoHs Status | Lead free / RoHS Compliant |
| Ship From | Hong Kong |
| Shipment Way | DHL/Fedex/TNT/UPS/EMS |
| | |

REQUEST FOR QUOTATION

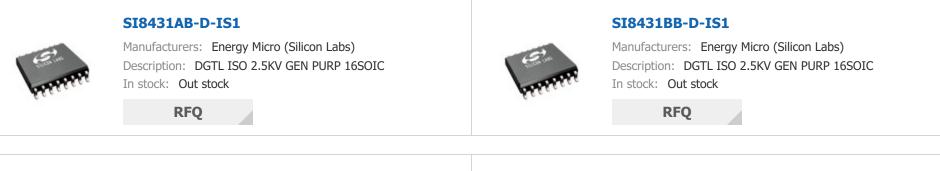
Specifications of SI8431AB-D-ISR

| PART NUMBER | SI8431AB-D-ISR |
|--------------------------------------|---|
| 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-ISR.pdf |
| VOLTAGE - SUPPLY | 2.7 V ~ 5.5 V |
| VOLTAGE - ISOLATION | 2500Vrms |
| ТҮРЕ | 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 | Tape & Reel (TR) |
| PACKAGE / CASE | 16-SOIC (0.295", 7.50mm Width) |
| 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-ISR | SI8431AB-D-ISR Distributor | SI8431AB-D-ISR Supplier |
|--|--------------------------------------|--|
| SI8431AB-D-ISR Price | SI8431AB-D-ISR Pictures | SI8431AB-D-ISR Image |
| SI8431AB-D-ISR PDF Datasheet | SI8431AB-D-ISR Download Datasheet | SI8431AB-D-ISR Datasheet |
| SI8431AB-D-ISR Stock | Buy SI8431AB-D-ISR | Buy Energy Micro (Silicon Labs) SI8431AB-D-ISR |
| Energy Micro (Silicon Labs) SI8431AB-D-ISR | Energy Micro (Silicon Labs) Supplier | Energy Micro (Silicon Labs) Distributor |
| Energy Micro (Silicon Labs) SI8431AB-D-ISR | Energy Micro SI8431AB-D-ISR | Energy Micro (Silicon Labs) SI8431AB-D-ISR |
| Silicon Laboratories SI8431AB-D-ISR | Silicon Labs SI8431AB-D-ISR | |

Related Products





SI8431AB-D-IS1R

Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GEN PURP 16SOIC In stock: Out stock

RFQ



SI8431BB-C-IS1

Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GEN PURP 16SOIC In stock: Out stock

RFQ



SI8431BB-C-IS1R

Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GEN PURP 16SOIC In stock: Out stock

RFQ



SI8431AB-C-IS1

Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GEN PURP 16SOIC In stock: Out stock

RFQ



SI8431AB-C-ISR

Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GEN PURP 16SOIC



SI8431BB-D-IS

Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GEN PURP 16SOIC

In stock: Out stock

RFQ

SI8431AB-C-IS1R

In stock: Out stock

RFQ

SI8431BB-D-ISR



Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GEN PURP 16SOIC In stock: Out stock

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SI8431BB-D-IS1R

SI8431AB-D-IS

Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GEN PURP 16SOIC In stock: Out stock

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Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GEN PURP 16SOIC In stock: Out stock

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E-mail: Info@Ocean-Components.com

Address: Room 2102, Connaught Commercial Building, 185 Wan Chai Rd, Wan Chai, Hong Kong

