




Energy Micro (Silicon Labs)

SI8631BT-ISR

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| Part Number: | SI8631BT-ISR |
| Manufacturer/Brand: | Energy Micro (Silicon Labs) |
| Product description: | DGTL ISO 5KV 3CH GEN PURP 16SOIC |
| Datasheets: | SI8631BT-ISR.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 SI8631BT-ISR

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|--------------------------------------|---------------------------------------------------------------------------------------------------------|
| PART NUMBER | SI8631BT-ISR |
| MANUFACTURER | Energy Micro (Silicon Labs) |
| DESCRIPTION | DGTL ISO 5KV 3CH GEN PURP 16SOIC |
| LEAD FREE STATUS / ROHS STATUS | Lead free / RoHS Compliant |
| DATA SHEET | SI8631BT-ISR.pdf |
| VOLTAGE - SUPPLY | 2.5 V ~ 5.5 V |
| VOLTAGE - ISOLATION | 5000Vrms |
| TYPE | General Purpose |
| TECHNOLOGY | Capacitive Coupling |
| SUPPLIER DEVICE PACKAGE | 16-SOIC |
| SERIES | - |
| RISE / FALL TIME (TYP) | 2.5ns, 2.5ns |
| PULSE WIDTH DISTORTION (MAX) | 4.5ns |
| PROPAGATION DELAY TPLH / TPHL (MAX) | 13ns, 13ns |
| 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) |
| MANUFACTURER STANDARD LEAD TIME | 6 Weeks |
| LEAD FREE STATUS / ROHS STATUS | Lead free / RoHS Compliant |
| ISOLATED POWER | No |
| INPUTS - SIDE 1/SIDE 2 | 1/2 |
| DETAILED DESCRIPTION | General Purpose Digital Isolator 5000Vrms 3 Channel 150Mbps 60kV/μs CMTI 16-SOIC (0.295", 7.50mm Width) |
| DATA RATE | 150Mbps |
| COMMON MODE TRANSIENT IMMUNITY (MIN) | 60kV/μs |
| CHANNEL TYPE | Unidirectional |

Related Tags

| | | |
|----------------------------------------------------------|------------------------------------------------------|--------------------------------------------------------------|
| Energy Micro (Silicon Labs) SI8631BT-ISR | SI8631BT-ISR Distributor | SI8631BT-ISR Supplier |
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| Silicon Laboratories SI8631BT-ISR | Silicon Labs SI8631BT-ISR | |

Related Products

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|  <p>SI8631BD-B-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 3CH GEN PURP 16SOIC In stock: Out stock RFQ</p> |  <p>SI8631BC-B-IS1 Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 3.75KV GEN PURP 16SOIC In stock: Out stock RFQ</p> |
|  <p>SI8631EC-B-IS1R Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 3.75KV GEN PURP 16SOIC In stock: Out stock RFQ</p> |  <p>SI8631BD-B-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 3CH GEN PURP 16SOIC In stock: Out stock RFQ</p> |
|  <p>SI8631BC-B-IS1R Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 3.75KV GEN PURP 16SOIC In stock: Out stock RFQ</p> |  <p>SI8631BB-B-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GEN PURP 16SOIC In stock: Out stock RFQ</p> |
|  <p>SI8631ED-B-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 3CH GEN PURP 16SOIC In stock: Out stock RFQ</p> |  <p>SI8631ET-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 3CH GEN PURP 16SOIC In stock: Out stock RFQ</p> |
|  <p>SI8631BT-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 3CH GEN PURP 16SOIC In stock: 6 pcs RFQ</p> |  <p>SI8631ET-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 3CH GEN PURP 16SOIC In stock: 280 pcs RFQ</p> |
|  <p>SI8631EC-B-IS1 Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 3.75KV GEN PURP 16SOIC In stock: 790 pcs RFQ</p> |  <p>SI8631ED-B-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 3CH GEN PURP 16SOIC In stock: 874 pcs RFQ</p> |