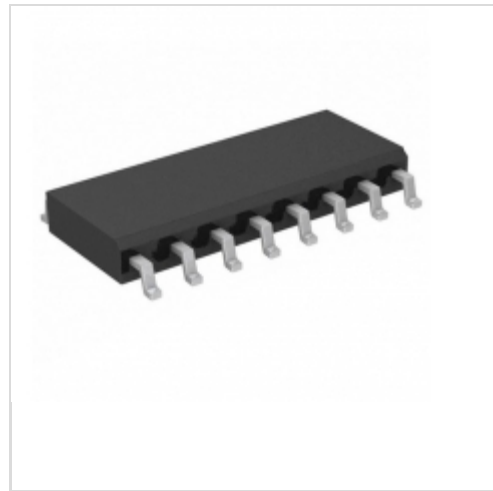


SI8442AB-D-IS1



Energy Micro (Silicon Labs)
 DGTL ISO 2.5KV GEN PURP 16SOIC
 Lead free / RoHS Compliant
 Isolators

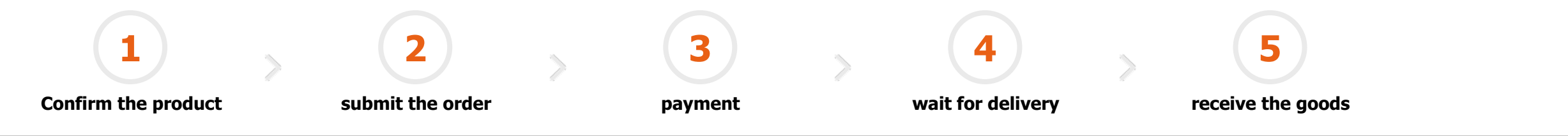
[SI8442AB-D-IS1.pdf](#)

Buy Now

Out Stock
0 pcs
 Minimum:1
 Multiples:100
 Manufacturer lead time 10 weeks

Images are for reference only.
 See Product Specifications for product details.
 If you are interested to buy SI8442AB-D-IS1,Just Email us.
 Sales@zeanoit.com
 our sales team will reply you within 24 hours

Shopping Process



Specifications

| | |
|--|--------------------------------|
| Voltage - Supply: | 2.7 V ~ 5.5 V |
| Voltage - Isolation: | 2500Vrms |
| Type: | General Purpose |
| Technology: | Capacitive Coupling |
| Supplier Device Package: | 16-SOIC |
| Series: | Automotive, AEC-Q100 |
| 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 (0.154", 3.90mm Width) |
| Operating Temperature: | -40°C ~ 125°C |
| Number of Channels: | 4 |
| Isolated Power: | No |
| Inputs - Side 1/Side 2: | 2/2 |
| Data Rate: | 1Mbps |
| Common Mode Transient Immunity (Min): | 25kV/μs (Typ) |
| Channel Type: | Unidirectional |

Related products

| | | | | |
|--|--|---|--|---|
| SI8442BA-C-IS1R DGTL ISO 1KV 4CH GEN PURP 16SOIC Silicon Labs RFQ | SI8442AB-C-IS1R DGTL ISO 2.5KV GEN PURP 16SOIC Silicon Labs RFQ | SI8442BA-C-IS1 DGTL ISO 1KV 4CH GEN PURP 16SOIC Silicon Labs RFQ | SI8442AB SILICON RFQ | SI8442AB-C-ISR SILICON RFQ |
| SI8442AB-D-IS1R DGTL ISO 2.5KV GEN PURP 16SOIC Silicon Labs RFQ | SI8442AB-D-ISR DGTL ISO 2.5KV GEN PURP 16SOIC Silicon Labs RFQ | SI8442AB-C-IS1 DGTL ISO 2.5KV GEN PURP 16SOIC Silicon Labs RFQ | SI8442AB-D-IS DGTL ISO 2.5KV GEN PURP 16SOIC Silicon Labs RFQ | SI8442BA-D-IS1 DGTL ISO 1KV 4CH GEN PURP 16SOIC Silicon Labs RFQ |

Guess You May Looking For

| | | | | |
|--|--|--|--|--|
| LAL04NA561K FIXED IND 560UH 120MA 8.5 OHM TH Taiyo Yuden RFQ | L-05B39NKG6 FIXED IND 33NH 200MA 2.3 OHM SMD Johanson Technology Inc. RFQ | HK1608R33J-TV FIXED IND 330NH 120MA 2.1 OHM Taiyo Yuden RFQ | 7789678030 CABLE ASSEMBLY INTERFACE 9.84' Weidmuller RFQ | C200H-BC031-V2 RACK 3 SLOT Omron Automation and Safety RFQ |
| CVM1-BC103 BACKPLANE CPU CVM1 10 SLOT Omron Automation and Safety RFQ | 7789609015 CABLE ASSEMBLY INTERFACE 4.9' Weidmuller RFQ | 2701215 INPUT MODULE 4 ANALOG 24V Phoenix Contact RFQ | GRT1-DRT INTERFACE MODULE 24V Omron Automation and Safety RFQ | E5EC-CX4A5M-014 CONTROL TEMP/PROCESS 100-240V Omron Automation and Safety RFQ |

