



Energy Micro (Silicon Labs)

## SI8382P-IUR

Part Number:

SI8382P-IUR

Manufacturer/Brand:

Energy Micro (Silicon Labs)

Product description

DGTL ISO 2.5KV 8CH 20QSOP

Datasheets:

SI8382P-IUR.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 SI8382P-IUR

|                                      |  |
|--------------------------------------|--|
| PART NUMBER                          | SI8382P-IUR  |
| MANUFACTURER                         | Energy Micro (Silicon Labs)  |
| DESCRIPTION                          | DGTL ISO 2.5KV 8CH 20QSOP  |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant   |
| DATA SHEET                           | SI8382P-IUR.pdf  |
| VOLTAGE - SUPPLY                     | 2.25 V ~ 5.5 V   |
| VOLTAGE - ISOLATION                  | 2500Vrms   |
| TYPE                                 | General Purpose  |
| TECHNOLOGY                           | Capacitive Coupling  |
| SUPPLIER DEVICE PACKAGE              | 20-QSOP  |
| SERIES                               | -  |
| RISE / FALL TIME (TYP)               | 3.9ns, 3.7ns   |
| PULSE WIDTH DISTORTION (MAX)         | -  |
| PROPAGATION DELAY TPLH / TPHL (MAX)  | -  |
| PACKAGING                            | Tape & Reel (TR)   |
| PACKAGE / CASE                       | 20-SSOP (0.154", 3.90mm Width)   |
| OPERATING TEMPERATURE                | -40°C ~ 125°C  |
| NUMBER OF CHANNELS                   | 8  |
| MOUNTING TYPE                        | Surface Mount  |
| MOISTURE SENSITIVITY LEVEL (MSL)     | 2 (1 Year)   |
| MANUFACTURER STANDARD LEAD TIME      | 6 Weeks  |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant   |
| ISOLATED POWER                       | No   |
| INPUTS - SIDE 1/SIDE 2               | 8/0  |
| DETAILED DESCRIPTION                 | General Purpose Digital Isolator 2500Vrms 8 Channel 2Mbps 20-SSOP (0.154", 3.90mm Width) |
| DATA RATE                            | 2Mbps  |
| COMMON MODE TRANSIENT IMMUNITY (MIN) | -  |
| CHANNEL TYPE                         | Unidirectional   |

### Related Tags

|   |                                      |   |
|---|--------------------------------------|---|
| Energy Micro (Silicon Labs) SI8382P-IUR | SI8382P-IUR Distributor              | SI8382P-IUR Supplier                        |
| SI8382P-IUR Price                       | SI8382P-IUR Pictures                 | SI8382P-IUR Image                           |
| SI8382P-IUR PDF Datasheet               | SI8382P-IUR Download Datasheet       | SI8382P-IUR Datasheet                       |
| SI8382P-IUR Stock                       | Buy SI8382P-IUR                      | Buy Energy Micro (Silicon Labs) SI8382P-IUR |
| Energy Micro (Silicon Labs) SI8382P-IUR | Energy Micro (Silicon Labs) Supplier | Energy Micro (Silicon Labs) Distributor     |
| Energy Micro (Silicon Labs) SI8382P-IUR | Energy Micro SI8382P-IUR             | Energy Micro (Silicon Labs) SI8382P-IUR     |
| Silicon Laboratories SI8382P-IUR        | Silicon Labs SI8382P-IUR             |   |

### Related Products

|  |  |
|--|--|
| <p><b>SI8380S-IUR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 2.5KV 8CH 20QSOP<br/>In stock: Out stock<br/><a href="#">RFQ</a></p>  | <p><b>SI8382PM-IUR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 2.5KV 8CH 20QSOP<br/>In stock: Out stock<br/><a href="#">RFQ</a></p> |
| <p><b>SI8382PS-IU</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 2.5KV 8CH 20QSOP<br/>In stock: 46 pcs<br/><a href="#">RFQ</a></p>     | <p><b>SI8380PS-IUR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 2.5KV 8CH 20QSOP<br/>In stock: Out stock<br/><a href="#">RFQ</a></p> |
| <p><b>SI8382PM-IU</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 2.5KV 8CH 20QSOP<br/>In stock: 46 pcs<br/><a href="#">RFQ</a></p>     | <p><b>SI8380S-IU</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 2.5KV 8CH 20QSOP<br/>In stock: 668 pcs<br/><a href="#">RFQ</a></p>     |
| <p><b>SI8380PS-IU</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 2.5KV 8CH 20QSOP<br/>In stock: 72 pcs<br/><a href="#">RFQ</a></p>     | <p><b>SI8382P-IU</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 2.5KV 8CH 20QSOP<br/>In stock: 26 pcs<br/><a href="#">RFQ</a></p>      |
| <p><b>SI8382PF-IU</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 2.5KV 8CH 20QSOP<br/>In stock: 41 pcs<br/><a href="#">RFQ</a></p>     | <p><b>SI8380PM-IUR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 2.5KV 8CH 20QSOP<br/>In stock: Out stock<br/><a href="#">RFQ</a></p> |
| <p><b>SI8382PF-IUR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 2.5KV 8CH 20QSOP<br/>In stock: Out stock<br/><a href="#">RFQ</a></p> | <p><b>SI8382PS-IUR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 2.5KV 8CH 20QSOP<br/>In stock: Out stock<br/><a href="#">RFQ</a></p> |