



Energy Micro (Silicon Labs)



SI8220DB-A-IS

Part Number:

SI8220DB-A-IS

Manufacturer/Brand:

Energy Micro (Silicon Labs)

Product description

DGTL ISO 2.5KV GATE DRIVER 8SOIC

Datasheets:

 [SI8220DB-A-IS.pdf](#)

RoHs Status

 Lead free / RoHS Compliant

Stock Condition

6186 pcs stock

Ship From

Hong Kong

Shipment Way

DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of SI8220DB-A-IS

|                                      |                                                                                                                       |
|--------------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                          | SI8220DB-A-IS                                                                                                         |
| MANUFACTURER                         | Energy Micro (Silicon Labs)                                                                                           |
| DESCRIPTION                          | DGTL ISO 2.5KV GATE DRIVER 8SOIC                                                                                      |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                                                                                            |
| QUANTITY AVAILABLE                   | 6186 pcs                                                                                                              |
| DATA SHEET                           |  <a href="#">SI8220DB-A-IS.pdf</a> |
| VOLTAGE - SUPPLY                     | 14.8 V ~ 24 V                                                                                                         |
| VOLTAGE - ISOLATION                  | 2500Vrms                                                                                                              |
| VOLTAGE - FORWARD (VF) (TYP)         | 2.5V (Max)                                                                                                            |
| TECHNOLOGY                           | Capacitive Coupling                                                                                                   |
| SUPPLIER DEVICE PACKAGE              | 8-SOIC                                                                                                                |
| SERIES                               | Automotive, AEC-Q100                                                                                                  |
| RISE / FALL TIME (TYP)               | 20ns, 20ns (Max)                                                                                                      |
| PULSE WIDTH DISTORTION (MAX)         | -                                                                                                                     |
| PROPAGATION DELAY TPLH / TPHL (MAX)  | 60ns, 40ns                                                                                                            |
| PACKAGING                            | Tube                                                                                                                  |
| PACKAGE / CASE                       | 8-SOIC (0.154", 3.90mm Width)                                                                                         |
| OTHER NAMES                          | 336-1917-5<br>SI8220DBAIS                                                                                             |
| OPERATING TEMPERATURE                | -40°C ~ 125°C                                                                                                         |
| NUMBER OF CHANNELS                   | 1                                                                                                                     |
| MOUNTING TYPE                        | Surface Mount                                                                                                         |
| MOISTURE SENSITIVITY LEVEL (MSL)     | 3 (168 Hours)                                                                                                         |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                                                                                            |
| DETAILED DESCRIPTION                 | 2.5A Gate Driver Capacitive Coupling 2500Vrms 1 Channel 8-SOIC                                                        |
| CURRENT - PEAK OUTPUT                | 2.5A                                                                                                                  |
| CURRENT - OUTPUT HIGH, LOW           | 1.5A, 2.5A                                                                                                            |
| CURRENT - DC FORWARD (IF) (MAX)      | 30mA                                                                                                                  |
| COMMON MODE TRANSIENT IMMUNITY (MIN) | 30kV/μs (Typ)                                                                                                         |
| APPROVALS                            | CSA, UR, VDE                                                                                                          |

Related Tags

|                                           |                                      |                                               |
|-------------------------------------------|--------------------------------------|-----------------------------------------------|
| Energy Micro (Silicon Labs) SI8220DB-A-IS | SI8220DB-A-IS Distributor            | SI8220DB-A-IS Supplier                        |
| SI8220DB-A-IS Price                       | SI8220DB-A-IS Pictures               | SI8220DB-A-IS Image                           |
| SI8220DB-A-IS PDF Datasheet               | SI8220DB-A-IS Download Datasheet     | SI8220DB-A-IS Datasheet                       |
| SI8220DB-A-IS Stock                       | Buy SI8220DB-A-IS                    | Buy Energy Micro (Silicon Labs) SI8220DB-A-IS |
| Energy Micro (Silicon Labs) SI8220DB-A-IS | Energy Micro (Silicon Labs) Supplier | Energy Micro (Silicon Labs) Distributor       |
| Energy Micro (Silicon Labs) SI8220DB-A-IS | Energy Micro SI8220DB-A-IS           | Energy Micro (Silicon Labs) SI8220DB-A-IS     |
| Silicon Laboratories SI8220DB-A-IS        | Silicon Labs SI8220DB-A-IS           |                                               |

Related Products

|                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                             |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><div><b>SI8220DB-A-ISR</b><div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 2.5KV GATE DRIVER 8SOIC<br/>In stock: 4611 pcs</div><div>RFQ</div></div></div> | <div><div><b>SI8220CB-D-ISR</b><div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 2.5KV GATE DRIVER 8SOIC<br/>In stock: 68720 pcs</div><div>RFQ</div></div></div> |
| <div><div><b>SI8220DD-A-IS</b><div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 5KV 1CH GATE DVR 16SOIC<br/>In stock: 3731 pcs</div><div>RFQ</div></div></div>  | <div><div><b>SI8220DD-D-IS</b><div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 5KV 1CH GATE DVR 16SOIC<br/>In stock: 41416 pcs</div><div>RFQ</div></div></div>  |
| <div><div><b>SI8220CD-A-IS</b><div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 5KV 1CH GATE DVR 16SOIC<br/>In stock: 5362 pcs</div><div>RFQ</div></div></div>  | <div><div><b>SI8220DB-D-ISR</b><div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 2.5KV GATE DRIVER 8SOIC<br/>In stock: 67137 pcs</div><div>RFQ</div></div></div> |
| <div><div><b>SI8220CB-D-IS</b><div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 2.5KV GATE DRIVER 8SOIC<br/>In stock: 53657 pcs</div><div>RFQ</div></div></div> | <div><div><b>SI8220CD-D-ISR</b><div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 5KV 1CH GATE DVR 16SOIC<br/>In stock: 58602 pcs</div><div>RFQ</div></div></div> |
| <div><div><b>SI8220CD-D-IS</b><div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 5KV 1CH GATE DVR 16SOIC<br/>In stock: 46350 pcs</div><div>RFQ</div></div></div> | <div><div><b>SI8220DB-D-IS</b><div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 2.5KV GATE DRIVER 8SOIC<br/>In stock: 69706 pcs</div><div>RFQ</div></div></div>  |
| <div><div><b>SI8220CD-A-ISR</b><div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 5KV 1CH GATE DVR 16SOIC<br/>In stock: 3420 pcs</div><div>RFQ</div></div></div> | <div><div><b>SI8220DD-A-ISR</b><div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 5KV 1CH GATE DVR 16SOIC<br/>In stock: 3260 pcs</div><div>RFQ</div></div></div>  |