



Energy Micro (Silicon Labs)



Image may be representation. See specifications for product details.

SI8261BCD-C-IM

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | SI8261BCD-C-IM                                                                                               |
| Manufacturer/Brand: | Energy Micro (Silicon Labs)                                                                                  |
| Product description | DGTL ISO 5KV 1CH GATE DRVR 8LGA                                                                              |
| Datasheets:         |  SI8261BCD-C-IM.pdf         |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of SI8261BCD-C-IM

|                                      |                                                                                                        |
|--------------------------------------|--------------------------------------------------------------------------------------------------------|
| PART NUMBER                          | SI8261BCD-C-IM                                                                                         |
| MANUFACTURER                         | Energy Micro (Silicon Labs)                                                                            |
| DESCRIPTION                          | DGTL ISO 5KV 1CH GATE DRVR 8LGA                                                                        |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                                                                             |
| DATA SHEET                           |  SI8261BCD-C-IM.pdf |
| VOLTAGE - SUPPLY                     | 13.5 V ~ 30 V                                                                                          |
| VOLTAGE - ISOLATION                  | 5000Vrms                                                                                               |
| VOLTAGE - FORWARD (VF) (TYP)         | 2.8V (Max)                                                                                             |
| TECHNOLOGY                           | Capacitive Coupling                                                                                    |
| SUPPLIER DEVICE PACKAGE              | 8-LGA (10x12.5)                                                                                        |
| SERIES                               | Automotive, AEC-Q100                                                                                   |
| RISE / FALL TIME (TYP)               | 5.5ns, 8.5ns                                                                                           |
| PULSE WIDTH DISTORTION (MAX)         | 28ns                                                                                                   |
| PROPAGATION DELAY TPLH / TPHL (MAX)  | 60ns, 50ns                                                                                             |
| PACKAGING                            | Tray                                                                                                   |
| PACKAGE / CASE                       | 8-VELGA                                                                                                |
| OTHER NAMES                          | 336-2419                                                                                               |
| 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                 | 4A Gate Driver Capacitive Coupling 5000Vrms 1 Channel 8-LGA (10x12.5)                                  |
| CURRENT - PEAK OUTPUT                | 4A                                                                                                     |
| CURRENT - OUTPUT HIGH, LOW           | 500mA, 1.2A                                                                                            |
| CURRENT - DC FORWARD (IF) (MAX)      | 30mA                                                                                                   |
| COMMON MODE TRANSIENT IMMUNITY (MIN) | 35kV/μs                                                                                                |
| APPROVALS                            | CQC, CSA, UR, VDE                                                                                      |

Related Tags

|                                            |                                      |                                                |
|--------------------------------------------|--------------------------------------|------------------------------------------------|
| Energy Micro (Silicon Labs) SI8261BCD-C-IM | SI8261BCD-C-IM Distributor           | SI8261BCD-C-IM Supplier                        |
| SI8261BCD-C-IM Price                       | SI8261BCD-C-IM Pictures              | SI8261BCD-C-IM Image                           |
| SI8261BCD-C-IM PDF Datasheet               | SI8261BCD-C-IM Download Datasheet    | SI8261BCD-C-IM Datasheet                       |
| SI8261BCD-C-IM Stock                       | Buy SI8261BCD-C-IM                   | Buy Energy Micro (Silicon Labs) SI8261BCD-C-IM |
| Energy Micro (Silicon Labs) SI8261BCD-C-IM | Energy Micro (Silicon Labs) Supplier | Energy Micro (Silicon Labs) Distributor        |
| Energy Micro (Silicon Labs) SI8261BCD-C-IM | Energy Micro SI8261BCD-C-IM          | Energy Micro (Silicon Labs) SI8261BCD-C-IM     |
| Silicon Laboratories SI8261BCD-C-IM        | Silicon Labs SI8261BCD-C-IM          |                                                |

Related Products

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| <div><div><b>SI826XSDIP6-KIT</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: KIT EVAL SI826X IN SO-6<br/>In stock: 2 pcs<br/><div>RFQ</div></div></div>            | <div><div><b>SI8261BCD-C-IS</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 5KV 1CH GATE DRVR 6SDIP<br/>In stock: Out stock<br/><div>RFQ</div></div></div> |
| <div><div><b>SI8261BCC-C-IPR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 3.75KV GATE DRVR 8DIPGW<br/>In stock: 500 pcs<br/><div>RFQ</div></div></div> | <div><div><b>SI8261BCC-C-ISR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 3.75KV GATE DRVR 8SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div></div> |
| <div><div><b>SI8261BCC-C-IS</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 3.75KV GATE DRVR 8SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div></div> | <div><div><b>SI826XDIP8-KIT</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: KIT EVAL SI826X IN GW DIP-8<br/>In stock: 1 pcs<br/><div>RFQ</div></div></div>          |
| <div><div><b>SI8261BCA-C-IS</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 1CH GATE DRIVER<br/>In stock: Out stock<br/><div>RFQ</div></div></div>        | <div><div><b>SI8261BCD-C-IMR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 5KV 1CH GATE DRVR 8LGA<br/>In stock: Out stock<br/><div>RFQ</div></div></div> |
| <div><div><b>SI8261BCD-C-ISR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 5KV 1CH GATE DRVR 6SDIP<br/>In stock: 668 pcs<br/><div>RFQ</div></div></div> | <div><div><b>SI826XSAMP-KIT</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: KIT SI826X OPTO DVR REPL SAMPLE<br/>In stock: 11 pcs<br/><div>RFQ</div></div></div>     |
| <div><div><b>SI8261BCA-C-ISR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 1CH GATE DRIVER<br/>In stock: Out stock<br/><div>RFQ</div></div></div>       | <div><div><b>SI8261BCC-C-IP</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 3.75KV GATE DRVR 8DIPGW<br/>In stock: 678 pcs<br/><div>RFQ</div></div></div>   |