



SILICON LABS

Energy Micro (Silicon Labs)



SI8261BAC-C-ISR

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | SI8261BAC-C-ISR                                                                                              |
| Manufacturer/Brand: | Energy Micro (Silicon Labs)                                                                                  |
| Product description | DGTL ISO 3.75KV GATE DRVR 8SOIC                                                                              |
| Datasheets:         |  SI8261BAC-C-ISR.pdf        |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 70684 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of SI8261BAC-C-ISR

|                                      |                                                                                                         |
|--------------------------------------|---------------------------------------------------------------------------------------------------------|
| PART NUMBER                          | SI8261BAC-C-ISR                                                                                         |
| MANUFACTURER                         | Energy Micro (Silicon Labs)                                                                             |
| DESCRIPTION                          | DGTL ISO 3.75KV GATE DRVR 8SOIC                                                                         |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                                                                              |
| QUANTITY AVAILABLE                   | 70684 pcs                                                                                               |
| DATA SHEET                           |  SI8261BAC-C-ISR.pdf |
| VOLTAGE - SUPPLY                     | 6.5 V ~ 30 V                                                                                            |
| VOLTAGE - ISOLATION                  | 3750Vrms                                                                                                |
| VOLTAGE - FORWARD (VF) (TYP)         | 2.8V (Max)                                                                                              |
| TECHNOLOGY                           | Capacitive Coupling                                                                                     |
| SUPPLIER DEVICE PACKAGE              | 8-SOIC                                                                                                  |
| 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                            | Tape & Reel (TR)                                                                                        |
| PACKAGE / CASE                       | 8-SOIC (0.154", 3.90mm Width)                                                                           |
| OTHER NAMES                          | 336-5206-2<br>SI8261BAC-C-ISR-ND                                                                        |
| 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 3750Vrms 1 Channel 8-SOIC                                            |
| 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) SI8261BAC-C-ISR | SI8261BAC-C-ISR Distributor          | SI8261BAC-C-ISR Supplier                        |
| SI8261BAC-C-ISR Price                       | SI8261BAC-C-ISR Pictures             | SI8261BAC-C-ISR Image                           |
| SI8261BAC-C-ISR PDF Datasheet               | SI8261BAC-C-ISR Download Datasheet   | SI8261BAC-C-ISR Datasheet                       |
| SI8261BAC-C-ISR Stock                       | Buy SI8261BAC-C-ISR                  | Buy Energy Micro (Silicon Labs) SI8261BAC-C-ISR |
| Energy Micro (Silicon Labs) SI8261BAC-C-ISR | Energy Micro (Silicon Labs) Supplier | Energy Micro (Silicon Labs) Distributor         |
| Energy Micro (Silicon Labs) SI8261BAC-C-ISR | Energy Micro SI8261BAC-C-ISR         | Energy Micro (Silicon Labs) SI8261BAC-C-ISR     |
| Silicon Laboratories SI8261BAC-C-ISR        | Silicon Labs SI8261BAC-C-ISR         |                                                 |

Related Products

|                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                               |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>SI8261BAD-C-IS</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 5KV 1CH GATE DRVR 6SDIP<br/>In stock: 52686 pcs<br/><b>RFQ</b></div>  |  <div><b>SI8261BAD-C-ISR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 5KV 1CH GATE DRVR 6SDIP<br/>In stock: 62128 pcs<br/><b>RFQ</b></div> |
|  <div><b>SI8261BAA-C-IS</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 1CH GATE DRIVER<br/>In stock: 74416 pcs<br/><b>RFQ</b></div>          |  <div><b>SI8261BBA-C-ISR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 1CH GATE DRIVER<br/>In stock: 106942 pcs<br/><b>RFQ</b></div>        |
|  <div><b>SI8261BBA-C-IS</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 1CH GATE DRIVER<br/>In stock: 76329 pcs<br/><b>RFQ</b></div>          |  <div><b>SI8261BAD-C-IMR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 5KV 1CH GATE DRVR 8LGA<br/>In stock: 5049 pcs<br/><b>RFQ</b></div>   |
|  <div><b>SI8261BAD-C-IM</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 5KV 1CH GATE DRVR 8LGA<br/>In stock: 3792 pcs<br/><b>RFQ</b></div>    |  <div><b>SI8261BAC-C-IP</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 3.75KV GATE DRVR 8DIPGW<br/>In stock: 63227 pcs<br/><b>RFQ</b></div>  |
|  <div><b>SI8261BAC-C-IPR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 3.75KV GATE DRVR 8DIPGW<br/>In stock: 54508 pcs<br/><b>RFQ</b></div> |  <div><b>SI8261ACD-C-ISR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 5KV 1CH GATE DRVR 6SDIP<br/>In stock: 63988 pcs<br/><b>RFQ</b></div> |
|  <div><b>SI8261BAC-C-IS</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 3.75KV GATE DRVR 8SOIC<br/>In stock: 63284 pcs<br/><b>RFQ</b></div>   |  <div><b>SI8261BAA-C-ISR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 1CH GATE DRIVER<br/>In stock: 84862 pcs<br/><b>RFQ</b></div>         |