



## ISL80102IR25Z

|                     |                                                                                                                     |
|---------------------|---------------------------------------------------------------------------------------------------------------------|
| Part Number:        | ISL80102IR25Z                                                                                                       |
| Manufacturer/Brand: | Intersil                                                                                                            |
| Product description | IC REG LINEAR 2.5V 2A 10DFN                                                                                         |
| Datasheets:         |  <a href="#">ISL80102IR25Z.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant        |
| Stock Condition     | 5300 pcs stock                                                                                                      |
| 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 ISL80102IR25Z

|                                  |                                                                                                                       |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | ISL80102IR25Z                                                                                                         |
| MANUFACTURER                     | Intersil                                                                                                              |
| DESCRIPTION                      | IC REG LINEAR 2.5V 2A 10DFN                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                            |
| QUANTITY AVAILABLE               | 5300 pcs                                                                                                              |
| DATA SHEET                       |  <a href="#">ISL80102IR25Z.pdf</a> |
| VOLTAGE DROPOUT (MAX)            | 0.125V @ 2A                                                                                                           |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 2.5V                                                                                                                  |
| VOLTAGE - OUTPUT (MAX)           | -                                                                                                                     |
| VOLTAGE - INPUT (MAX)            | 6V                                                                                                                    |
| SUPPLIER DEVICE PACKAGE          | 10-DFN (3x3)                                                                                                          |
| SERIES                           | -                                                                                                                     |
| PROTECTION FEATURES              | Over Temperature, Short Circuit                                                                                       |
| PACKAGING                        | Tube                                                                                                                  |
| PACKAGE / CASE                   | 10-VDFN Exposed Pad                                                                                                   |
| PSRR                             | 62dB ~ 55dB (120Hz ~ 1kHz)                                                                                            |
| OUTPUT TYPE                      | Fixed                                                                                                                 |
| OUTPUT CONFIGURATION             | Positive                                                                                                              |
| OPERATING TEMPERATURE            | -40°C ~ 125°C                                                                                                         |
| NUMBER OF REGULATORS             | 1                                                                                                                     |
| MOUNTING TYPE                    | Surface Mount                                                                                                         |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                            |
| DETAILED DESCRIPTION             | Linear Voltage Regulator IC Positive Fixed 1 Output 2.5V 2A 10-DFN (3x3)                                              |
| CURRENT - SUPPLY (MAX)           | 12mA                                                                                                                  |
| CURRENT - QUIESCENT (IQ)         | 9mA                                                                                                                   |
| CURRENT - OUTPUT                 | 2A                                                                                                                    |
| CONTROL FEATURES                 | Enable, Power Good, Soft Start                                                                                        |
| BASE PART NUMBER                 | ISL80102                                                                                                              |

### Related Tags

|                             |                                  |                            |
|-----------------------------|----------------------------------|----------------------------|
| Intersil ISL80102IR25Z      | ISL80102IR25Z Distributor        | ISL80102IR25Z Supplier     |
| ISL80102IR25Z Price         | ISL80102IR25Z Pictures           | ISL80102IR25Z Image        |
| ISL80102IR25Z PDF Datasheet | ISL80102IR25Z Download Datasheet | ISL80102IR25Z Datasheet    |
| ISL80102IR25Z Stock         | Buy ISL80102IR25Z                | Buy Intersil ISL80102IR25Z |
| Intersil ISL80102IR25Z      | Intersil Supplier                | Intersil Distributor       |
| Intersil ISL80102IR25Z      |                                  |                            |

### Related Products

|                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>ISL80102IR25Z-T</b><br/>Manufacturers: Intersil<br/>Description: IC REG LINEAR 2.5V 2A 10DFN<br/>In stock: 6235 pcs<br/>RFQ</div>       |  <div><b>ISL80102IR18Z</b><br/>Manufacturers: Intersil<br/>Description: IC REG LINEAR 1.8V 2A 10DFN<br/>In stock: 4689 pcs<br/>RFQ</div>         |
|  <div><b>ISL80102IRAJZ</b><br/>Manufacturers: Intersil<br/>Description: IC REG LINEAR POS ADJ 2A 10DFN<br/>In stock: 45094 pcs<br/>RFQ</div>     |  <div><b>ISL80102IRAJZ-T</b><br/>Manufacturers: Intersil<br/>Description: IC REG LINEAR POS ADJ 2A 10DFN<br/>In stock: 91750 pcs<br/>RFQ</div>   |
|  <div><b>ISL80102IR18Z-TK</b><br/>Manufacturers: Intersil<br/>Description: IC REG LINEAR 1.8V 2A 10DFN<br/>In stock: 6692 pcs<br/>RFQ</div>      |  <div><b>ISL80102IR25Z-TK</b><br/>Manufacturers: Intersil<br/>Description: IC REG LINEAR 2.5V 2A 10DFN<br/>In stock: 4546 pcs<br/>RFQ</div>      |
|  <div><b>ISL80102EVAL2Z</b><br/>Manufacturers: Intersil<br/>Description: EVAL BOARD FOR ISL80102<br/>In stock: 4700 pcs<br/>RFQ</div>            |  <div><b>ISL80101IRAJZ-TK</b><br/>Manufacturers: Intersil<br/>Description: IC REG LINEAR POS ADJ 1A 10DFN<br/>In stock: 134860 pcs<br/>RFQ</div> |
|  <div><b>ISL80101IRAJZ-T7A</b><br/>Manufacturers: Intersil<br/>Description: IC REG LINEAR POS ADJ 1A 10DFN<br/>In stock: 46906 pcs<br/>RFQ</div> |  <div><b>ISL80102IR18Z-T</b><br/>Manufacturers: Intersil<br/>Description: IC REG LINEAR 1.8V 2A 10DFN<br/>In stock: 6694 pcs<br/>RFQ</div>       |
|  <div><b>ISL80102IRAJZ-T7A</b><br/>Manufacturers: Intersil<br/>Description: IC REG LINEAR POS ADJ 2A 10DFN<br/>In stock: 33790 pcs<br/>RFQ</div> |  <div><b>ISL80102IRAJZ-TK</b><br/>Manufacturers: Intersil<br/>Description: IC REG LINEAR POS ADJ 2A 10DFN<br/>In stock: 80844 pcs<br/>RFQ</div>  |