

ISL80103IR25Z-TK





A Renesas Company

Part Number: [ISL80103IR25Z-TK](#)

Manufacturer: [Intersil](#)

Description: IC REG LINEAR 2.5V 3A 10DFN

Data sheet:  [ISL80102/03](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

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See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                          |                                |                                 |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|--------------------------------|---------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                      | ISL80103IR25Z-TK                                                         | Manufacturer                   | <a href="#">Intersil</a>        |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                      | IC REG LINEAR 2.5V 3A 10DFN                                              | Lead Free Status / RoHS Status | Lead free / RoHS Compliant      |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                               | 5547 pcs                                                                 | Data sheet                     | <a href="#">ISL80102/03</a>     |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                         | <a href="#">Integrated Circuits (ICs)</a>                                | Voltage Dropout (Max)          | 0.185V @ 3A                     |
| 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                                                                                                                                                                                                                                                                                                                                                                                                                                        | Tape & Reel (TR)                                                         | 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 3A 10-DFN (3x3) | Current - Supply (Max)         | 12mA                            |
| Current - Quiescent (Iq)                                                                                                                                                                                                                                                                                                                                                                                                                         | 9mA                                                                      | Current - Output               | 3A                              |
| Control Features                                                                                                                                                                                                                                                                                                                                                                                                                                 | Enable, Power Good, Soft Start                                           | Base Part Number               | ISL80103                        |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Intersil series electronic components. We have 5547 pieces of Intersil ISL80103IR25Z-TK in stock available now.<br>Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                                                          |                                |                                 |

| RELATED PRODUCTS                                                                   |                                                                                         |                                         |                |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-----------------------------------------|----------------|
|  | Part#: <a href="#">ISL80103IRAJZ</a><br>Description: IC REG LINEAR POS ADJ 3A 10DFN     | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL80103IR25Z-T</a><br>Description: IC REG LINEAR 2.5V 3A 10DFN      | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL8010IUZ-T13</a><br>Description: IC REG BUCK ADJ 0.6A SYNC 10MSOP  | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL80103IR18Z-TK</a><br>Description: IC REG LINEAR 1.8V 3A 10DFN     | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL80103IR18Z-T</a><br>Description: IC REG LINEAR 1.8V 3A 10DFN      | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL80103IRAJZ-T7A</a><br>Description: IC REG LINEAR POS ADJ 3A 10DFN | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL80111EVAL1Z</a><br>Description: BOARD EVAL FOR ISL80111           | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL80103IR25Z</a><br>Description: IC REG LINEAR 2.5V 3A 10DFN        | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL80103EVAL2Z</a><br>Description: EVAL BOARD FOR ISL80103           | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL8010IUZ-T7</a><br>Description: IC REG BUCK ADJ 0.6A SYNC 10MSOP   | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL80111IRAJZ</a><br>Description: IC REG LINEAR POS ADJ 1A 10DFN     | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL80102IRAJZ-T</a><br>Description: IC REG LINEAR POS ADJ 2A 10DFN   | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL80102IRAJZ</a><br>Description: IC REG LINEAR POS ADJ 2A 10DFN     | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL80103IRAJZ-TK</a><br>Description: IC REG LINEAR POS ADJ 3A 10DFN  | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL8010EVAL1</a><br>Description: EVAL BOARD 1 FOR ISL8010            | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL80103IRAJZ-T</a><br>Description: IC REG LINEAR POS ADJ 3A 10DFN   | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL8010IUZ</a><br>Description: IC REG BUCK ADJ 0.6A SYNC 10MSOP      | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL80103IR18Z</a><br>Description: IC REG LINEAR 1.8V 3A 10DFN        | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
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Related keywords for ISL80103IR25Z-TK

|                                     |                              |                           |                        |
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