

ISL78301FVEBZ



  
A Renesas Company

**Part Number:** [ISL78301FVEBZ](#)

**Manufacturer:** [Intersil](#)

**Description:** IC REG LINEAR 5V 150MA 14HTSSOP

**Data sheet:**  [ISL78301](#)

**RoHs Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

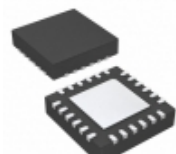
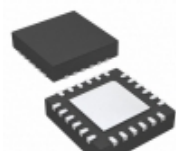
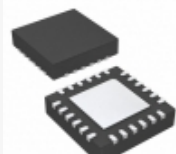
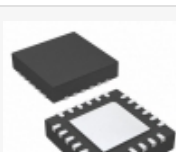
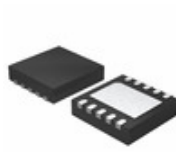
**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
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| PRODUCT PARAMETER                |                                                                        |                                |                                             |
|----------------------------------|------------------------------------------------------------------------|--------------------------------|---------------------------------------------|
| Part Number                      | ISL78301FVEBZ                                                          | Manufacturer                   | <a href="#">Intersil</a>                    |
| Description                      | IC REG LINEAR 5V 150MA 14HTSSOP                                        | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                  |
| Quantity Available               | 82812 pcs                                                              | Data sheet                     | <a href="#">ISL78301</a>                    |
| Category                         | <a href="#">Integrated Circuits (ICs)</a>                              | Voltage Dropout (Max)          | 0.46V @ 150mA                               |
| Voltage - Output (Min/Fixed)     | 5V                                                                     | Voltage - Output (Max)         | -                                           |
| Voltage - Input (Max)            | 40V                                                                    | Supplier Device Package        | 14-HTSSOP                                   |
| Series                           | Automotive, AEC-Q100                                                   | Protection Features            | Over Current, Over Temperature              |
| Packaging                        | Tube                                                                   | Package / Case                 | 14-TSSOP (0.173", 4.40mm Width) Exposed Pad |
| PSRR                             | 55dB (100Hz)                                                           | Output Type                    | Fixed                                       |
| Output Configuration             | Positive                                                               | Operating Temperature          | -40°C ~ 125°C                               |
| Number of Regulators             | 1                                                                      | Mounting Type                  | Surface Mount                               |
| Moisture Sensitivity Level (MSL) | 2 (1 Year)                                                             | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                  |
| Detailed Description             | Linear Voltage Regulator IC Positive Fixed 1 Output 5V 150mA 14-HTSSOP | Current - Supply (Max)         | 142µA                                       |
| Current - Quiescent (Iq)         | 28µA                                                                   | Current - Output               | 150mA                                       |
| Control Features                 | Enable                                                                 | Base Part Number               | ISL78301                                    |

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| RELATED PRODUCTS                                                                   |                                                                                          |                                         |                     |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-----------------------------------------|---------------------|
|  | Part#: <a href="#">ISL78301FVEAZ-T7A</a><br>Description: IC REG LIN 3.3V 150MA 14HTSSOP  | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL78302AARGCZ-T7A</a><br>Description: IC REG LINEAR 1.8V/2.7V 10DFN  | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL78236DUALEVAL1Z</a><br>Description: EVAL BOARD FOR ISL78236DUAL    | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL78302AARBJZ</a><br>Description: IC REG LINEAR 1.5V/2.8V 10DFN      | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL78268ARZ-T7A</a><br>Description: IC REG CTRLR BUCK 24QFN           | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL78301FVEAZ-T</a><br>Description: IC REG LIN 3.3V 150MA 14HTSSOP    | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL78236ARZ-T7A</a><br>Description: IC REG BUCK ADJ 3A DL SYNC 24QFN  | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL78301FVECZ</a><br>Description: IC REG LIN POS ADJ 14HTSSOP         | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL78301FVEBZ-T</a><br>Description: IC REG LINEAR 5V 150MA 14HTSSOP   | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL78302AARBJZ-T7A</a><br>Description: IC REG LINEAR 1.5V/2.8V 10DFN  | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL78268EVAL1Z</a><br>Description: EVAL BOARD ISL78268                | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL78301FVECZ-T7A</a><br>Description: IC REG LIN POS ADJ 14HTSSOP     | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL78301FVEAZ</a><br>Description: IC REG LIN 3.3V 150MA 14HTSSOP      | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL78268ARZ</a><br>Description: IC REG CTRLR BUCK 24QFN               | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL78302AARGCZ</a><br>Description: IC REG LINEAR 1.8V/2.7V 10DFN      | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL78301FVEBZ-T7A</a><br>Description: IC REG LINEAR 5V 150MA 14HTSSOP | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL78236CRSHEVAL1Z</a><br>Description: EVAL BOARD FOR ISL78236CRSH    | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL78268ARZ-T</a><br>Description: IC REG CTRLR BUCK 24QFN             | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL78302AARGCZ-T</a><br>Description: IC REG LINEAR 1.8V/2.7V 10DFN    | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL78301FVECZ-T</a><br>Description: IC REG LIN POS ADJ 14HTSSOP       | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |

Related keywords for ISL78301FVEBZ

|                                  |                           |                        |                     |
|----------------------------------|---------------------------|------------------------|---------------------|
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| Intersil ISL78301FVEBZ           |                           |                        |                     |