

ISL28271FAZ-T7



A Renesas Company

**Part Number:** [ISL28271FAZ-T7](#)

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

**Description:** IC OPAMP INSTR 180KHZ RRO 16QSOP

**Data sheet:**  [ISL28271,ISL28272](#)

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

**Ship From:** Hong Kong

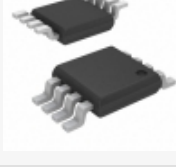
**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

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See Product Specifications for product details.  
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| PRODUCT PARAMETER              |                                           |                                   |                                                          |
|--------------------------------|-------------------------------------------|-----------------------------------|----------------------------------------------------------|
| Part Number                    | ISL28271FAZ-T7                            | Manufacturer                      | <a href="#">Intersil</a>                                 |
| Description                    | IC OPAMP INSTR 180KHZ RRO 16QSOP          | Lead Free Status / RoHS Status    | Lead free / RoHS Compliant                               |
| Quantity Available             | 5604 pcs                                  | Data sheet                        | <a href="#">ISL28271,ISL28272</a>                        |
| Category                       | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply, Single/Dual (±) | 2.4 V ~ 5.5 V, ±1.2 V ~ 2.75 V                           |
| Voltage - Input Offset         | 35µV                                      | Supplier Device Package           | 16-QSOP                                                  |
| Slew Rate                      | 0.5 V/µs                                  | Series                            | -                                                        |
| Packaging                      | Tape & Reel (TR)                          | Package / Case                    | 16-SSOP (0.154", 3.90mm Width)                           |
| Output Type                    | Rail-to-Rail                              | Other Names                       | ISL28271FAZ-T7-ND<br>ISL28271FAZ-T7TR                    |
| Operating Temperature          | -40°C ~ 125°C                             | Number of Circuits                | 2                                                        |
| Mounting Type                  | Surface Mount                             | Moisture Sensitivity Level (MSL)  | 3 (168 Hours)                                            |
| Lead Free Status / RoHS Status | Lead free / RoHS Compliant                | Detailed Description              | Instrumentation Amplifier 2 Circuit Rail-to-Rail 16-QSOP |
| Current - Supply               | 120µA                                     | Current - Output / Channel        | 31mA                                                     |
| Current - Input Bias           | 10pA                                      | Base Part Number                  | ISL28271                                                 |
| Amplifier Type                 | Instrumentation                           | -3db Bandwidth                    | 180kHz                                                   |

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|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-----------------------------------------|---------------------|
|  | Part#: <a href="#">ISL28276FBZ</a><br>Description: IC OPAMP GP 400KHZ RRO 8SOIC           | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL28272FAZ-T7</a><br>Description: IC OPAMP INSTR 100KHZ RRO 16QSOP    | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL28270IAZ-T13</a><br>Description: IC OPAMP INSTR 240KHZ RRO 16QSOP   | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL28266FUZ-T7</a><br>Description: IC OPAMP GP 250KHZ RRO 8MSOP        | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL28274FAZ-T7</a><br>Description: IC OPAMP INSTR 6MHZ RRO 16QSOP      | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL28273INEVAL1Z</a><br>Description: EVALUATION BOARD FOR ISL28273     | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL28268MSOPEVAL1Z</a><br>Description: EVALUATION BOARD ISL28268 8MSOP | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL28268FUZ</a><br>Description: IC OPAMP GP 200KHZ RRO 8MSOP           | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL28271INEVAL1Z</a><br>Description: EVALUATION BOARD FOR ISL28271     | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL28268FUZ-T7</a><br>Description: IC OPAMP GP 200KHZ RRO 8MSOP        | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL28273FAZ</a><br>Description: IC OPAMP INSTR 265KHZ RRO 16QSOP       | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL28271FAZ</a><br>Description: IC OPAMP INSTR 180KHZ RRO 16QSOP       | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL28272FAZ</a><br>Description: IC OPAMP INSTR 100KHZ RRO 16QSOP       | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL28270IAZ</a><br>Description: IC OPAMP INSTR 240KHZ RRO 16QSOP       | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL28268FBZ</a><br>Description: IC OPAMP GP 200KHZ RRO 8SOIC           | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL28274FAZ</a><br>Description: IC OPAMP INSTR 6MHZ RRO 16QSOP         | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL28273FAZ-T7</a><br>Description: IC OPAMP INSTR 265KHZ RRO 16QSOP    | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL28268SOICEVAL1Z</a><br>Description: EVALUATION BOARD ISL28268 8SOIC | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL28272INEVAL1Z</a><br>Description: EVALUATION BOARD FOR ISL28272     | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL28268FBZ-T7</a><br>Description: IC OPAMP GP 200KHZ RRO 8SOIC        | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |

Related keywords for ISL28271FAZ-T7

|                                   |                            |                         |                      |
|-----------------------------------|----------------------------|-------------------------|----------------------|
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| Intersil ISL28271FAZ-T7           |                            |                         |                      |