

ISL6312AIRZ





**Part Number:** [ISL6312AIRZ](#)

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

**Description:** IC CTRLR PWM 4PHASE BUCK 48-QFN

**Data sheet:**  [ISL6312A](#)

**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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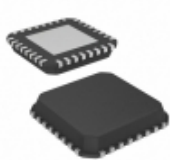
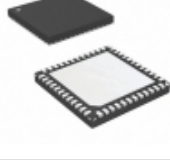
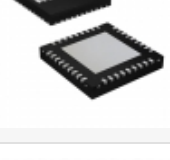
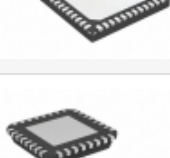
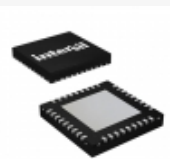
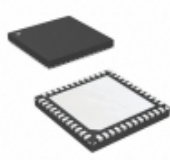
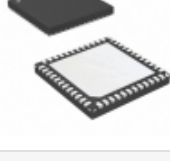
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| PRODUCT PARAMETER                |                                           |                                 |                                                                                    |
|----------------------------------|-------------------------------------------|---------------------------------|------------------------------------------------------------------------------------|
| Part Number                      | ISL6312AIRZ                               | Manufacturer                    | <a href="#">Intersil</a>                                                           |
| Description                      | IC CTRLR PWM 4PHASE BUCK 48-QFN           | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                         |
| Quantity Available               | 13827 pcs                                 | Data sheet                      | <a href="#">ISL6312A</a>                                                           |
| Category                         | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Output                | 0.38 V ~ 1.6 V                                                                     |
| Voltage - Input                  | 5 V ~ 12 V                                | Supplier Device Package         | 48-QFN (7x7)                                                                       |
| Series                           | -                                         | Packaging                       | Tube                                                                               |
| Package / Case                   | 48-VFQFN Exposed Pad                      | Operating Temperature           | -40°C ~ 85°C                                                                       |
| Number of Outputs                | 1                                         | Mounting Type                   | Surface Mount                                                                      |
| Moisture Sensitivity Level (MSL) | 3 (168 Hours)                             | Manufacturer Standard Lead Time | 6 Weeks                                                                            |
| Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                | Detailed Description            | - Controller, Intel VR10, VR11, AMD CPU Voltage Regulator IC 1 Output 48-QFN (7x7) |
| Base Part Number                 | ISL6312                                   | Applications                    | Controller, Intel VR10, VR11, AMD CPU                                              |

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|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-----------------------------------------|---------------------|
|  | Part#: <a href="#">ISL6310IRZ</a><br>Description: IC CTRLR PWM 2PHASE BUCK 32-QFN        | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL6308IRZ</a><br>Description: IC CTRLR PWM 3PHASE BUCK 40-QFN        | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL6312IRZ-T</a><br>Description: IC CTRLR PWM 4PHASE BUCK 48-QFN      | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL6313BCRZ</a><br>Description: IC CTRLR PWM BUCK 2PHASE 36-TQFN      | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL6310IRZ-T</a><br>Description: IC CTRLR PWM 2PHASE BUCK 32-QFN      | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL6310EVAL1Z</a><br>Description: EVALUATION BOARD FOR ISL6310        | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL6312IRZ</a><br>Description: IC CTRLR PWM 4PHASE BUCK 48-QFN        | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL6312AIRZ-T</a><br>Description: IC CTRLR PWM 4PHASE BUCK 48-QFN     | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL6310CRZ-T</a><br>Description: IC CTRLR PWM 2PHASE BUCK 32-QFN      | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL6310CRZ</a><br>Description: IC CTRLR PWM 2PHASE BUCK 32-QFN        | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL6313BCRZ-T</a><br>Description: IC CTRLR PWM 2PHASE BUCK 36-QFN     | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL6312CRZ-TR5312</a><br>Description: IC CTRLR PWM 4PHASE BUCK 48-QFN | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL6308IRZ-T</a><br>Description: IC CTRLR PWM 3PHASE BUCK 40-QFN      | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL6313BIRZ</a><br>Description: IC CTRLR PWM 2PHASE BUCK 36-QFN       | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL6312CRZ</a><br>Description: IC CTRLR PWM 4PHASE BUCK 48-QFN        | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL6308CRZR5374</a><br>Description: IC CTRLR PWM 3PHASE BUCK 40-QFN   | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL6312ACRZ-T</a><br>Description: IC CTRLR PWM 4PHASE BUCK 48-QFN     | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL6312ACRZ</a><br>Description: IC CTRLR PWM 4PHASE BUCK 48-QFN       | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL6312CRZ-TK</a><br>Description: IC CTRLR PWM 4PHASE BUCK 48-QFN     | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL6312CRZ-T</a><br>Description: IC CTRLR PWM 4PHASE BUCK 48-QFN      | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |

| Related keywords for ISL6312AIRZ |                         |                      |                   |
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