

ISL58315CRTZ-T7



  
A Renesas Company

**Part Number:** [ISL58315CRTZ-T7](#)

**Manufacturer** [Intersil](#)

**Description** IC LASER DIODE DRIVER

**Data sheet:**  [ISL58315 Series](#)

**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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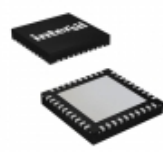
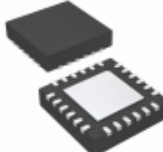
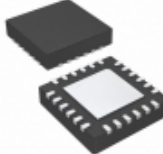
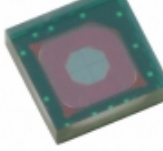
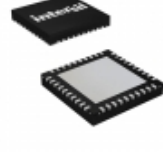
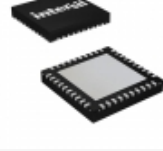
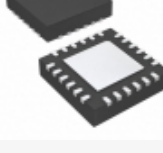
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| PRODUCT PARAMETER                |                                           |                                 |                                                     |
|----------------------------------|-------------------------------------------|---------------------------------|-----------------------------------------------------|
| Part Number                      | ISL58315CRTZ-T7                           | Manufacturer                    | <a href="#">Intersil</a>                            |
| Description                      | IC LASER DIODE DRIVER                     | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                          |
| Quantity Available               | 15611 pcs                                 | Data sheet                      | <a href="#">ISL58315 Series</a>                     |
| Category                         | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply                | 3.3V                                                |
| Type                             | Laser Diode Driver                        | Supplier Device Package         | 40-TQFN (5x5)                                       |
| Series                           | SmartLinearizer™                          | Packaging                       | Tape & Reel (TR)                                    |
| Package / Case                   | 40-VFQFN Exposed Pad                      | Operating Temperature           | -                                                   |
| Number of Channels               | 3                                         | Mounting Type                   | Surface Mount                                       |
| Moisture Sensitivity Level (MSL) | 2 (1 Year)                                | Manufacturer Standard Lead Time | 3 Weeks                                             |
| Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                | Detailed Description            | Laser Driver IC 300MHz 3 Channel 3.3V 40-TQFN (5x5) |
| Lead Rate                        | 300MHz                                    | Current - Supply                | 3mA                                                 |
| Current - Modulation             | -                                         | Base Part Number                | ISL58315                                            |

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| RELATED PRODUCTS                                                                   |                                                                                       |                                         |                     |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-----------------------------------------|---------------------|
|  | Part#: <a href="#">ISL58315CRTZ-T13</a><br>Description: IC LASER DIODE DRIVER         | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL58303DRTZ</a><br>Description: IC LASER DRVR 3CHAN 24TQFN        | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL5857IBZ</a><br>Description: IC DAC 12BIT HIGH SPEED 28-SOIC     | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL58303DRTZ-T7A</a><br>Description: IC LASER DRVR 3CHAN 24TQFN    | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL58334CIZ-T7A</a><br>Description: IC SENSOR                      | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL5857IA</a><br>Description: IC DAC 12-BIT 260MSPS 28-TSSOP       | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL5829IN</a><br>Description: IC DAC DUAL 12BIT 3.3V 48-MQFP       | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL58303DRTZ-EVAL</a><br>Description: EVAL BOARD FOR ISL58303      | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL5857IAZ</a><br>Description: IC DAC 12-BIT 260MSPS 28-TSSOP      | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL5829INZ</a><br>Description: IC CONV DUAL 12BIT 3.3V 48-LQFP     | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL58344CIZ-T7A</a><br>Description: IC PHOTO SENSOR QUAD SEG 90CSP | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL5857IB</a><br>Description: IC DAC 12BIT HIGH SPEED 28-SOIC      | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL58315CRTZ-T7A</a><br>Description: IC LASER DD 3CHAN 40TQFN      | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL58315CRTZ</a><br>Description: IC LASER DIODE DRIVER             | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL58328CIZ-T7</a><br>Description: IC LASER PWR MONITOR 5V 9CSP    | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL58304CRTZ-EVAL</a><br>Description: BOARD EVAL FOR ISL5580A MUX  | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL5829EVAL1</a><br>Description: EVALUATION PLATFORM ISL5829 HS    | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL58327CIZ-T7</a><br>Description: IC LASER PWR MONITOR 5V 90CSP   | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL58334CIZ-T7</a><br>Description: IC LASER PWR MONITOR 3V 9CSP    | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL58303DRTZ-T13</a><br>Description: IC LASER DRVR 3CHAN 24TQFN    | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |

| Related keywords for ISL58315CRTZ-T7 |                             |                          |                       |
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| Intersil ISL58315CRTZ-T7             |                             |                          |                       |