

ISL6398HRTZ-T





A Renesas Company

**Part Number:** [ISL6398HRTZ-T](#)

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

**Description:** IC REG CTRLR BUCK PMBUS 40QFN

**Data sheet:**  [PowerNavigator User Guide](#)  
 [ISL6398](#)

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

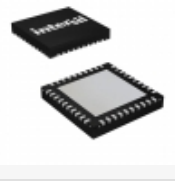
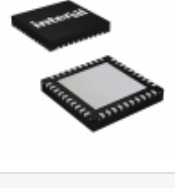
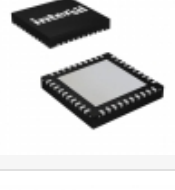
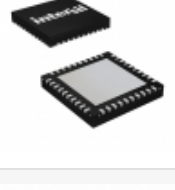
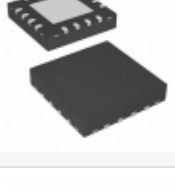
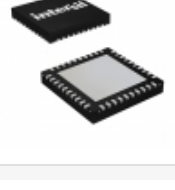
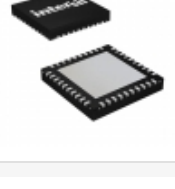
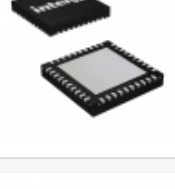
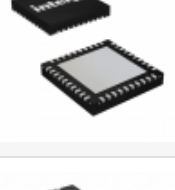
**Ship From:** Hong Kong

**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                                                                                                                                                                                                                                                                                                                                                                                                                                                   | ISL6398HRTZ-T                                                                                             | Manufacturer                    | <a href="#">Intersil</a>                                             |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                   | IC REG CTRLR BUCK PMBUS 40QFN                                                                             | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                           |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                            | 21225 pcs                                                                                                 | Data sheet                      | <a href="#">PowerNavigator User Guide</a><br><a href="#">ISL6398</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <a href="#">Integrated Circuits (ICs)</a>                                                                 | Voltage - Supply (Vcc/Vdd)      | 4.75 V ~ 5.25 V                                                      |
| Topology                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Buck                                                                                                      | Synchronous Rectifier           | No                                                                   |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                       | 40-TQFN (5x5)                                                                                             | Series                          | -                                                                    |
| Serial Interfaces                                                                                                                                                                                                                                                                                                                                                                                                                                             | I <sup>2</sup> C, PMBus, SMBus                                                                            | Packaging                       | Tape & Reel (TR)                                                     |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                | 40-VFQFN Exposed Pad                                                                                      | Output Type                     | PWM Signal                                                           |
| Output Phases                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 6                                                                                                         | Output Configuration            | Positive                                                             |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                         | -10°C ~ 100°C (TA)                                                                                        | Number of Outputs               | 6                                                                    |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                              | 3 (168 Hours)                                                                                             | Manufacturer Standard Lead Time | 7 Weeks                                                              |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                | Lead free / RoHS Compliant                                                                                | Function                        | Step-Down                                                            |
| Frequency - Switching                                                                                                                                                                                                                                                                                                                                                                                                                                         | 120kHz ~ 2.025MHz                                                                                         | Duty Cycle (Max)                | 98%                                                                  |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                          | Buck Regulator Positive Output Step-Down I <sup>2</sup> C, PMBus, SMBus DC-DC Controller IC 40-TQFN (5x5) | Control Features                | -                                                                    |
| Clock Sync                                                                                                                                                                                                                                                                                                                                                                                                                                                    | -                                                                                                         |                                 |                                                                      |
| <p>Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Intersil series electronic components. We have 21225 pieces of Intersil ISL6398HRTZ-T in stock available now.</p> <p>Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.</p> <p>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a></p> |                                                                                                           |                                 |                                                                      |

| RELATED PRODUCTS                                                                   |                                                                                     |                                         |                     |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------------------|---------------------|
|  | Part#: <a href="#">ISL6377HRZ-T</a><br>Description: IC CONTROLLER DUAL 48QFM        | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL6388IRTZ</a><br>Description: IC CTRLR PWM 6PHASE BUCK 40QFN   | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL6377IRZ-T</a><br>Description: IC CONTROLLER DUAL 48QFM        | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL6401CB-T</a><br>Description: IC REG CTRLR BOOST/FLYBK 14SOIC  | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL6377IRZ</a><br>Description: IC CONTROLLER DUAL 48QFM          | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL6401CBZ</a><br>Description: IC REG CTRLR BOOST/FLYBK 14SOIC   | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL6398HRTZ-TK</a><br>Description: IC REG CTRLR BUCK PMBUS 40QFN | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL6388IRTZ-T</a><br>Description: IC CTRLR PWM 6PHASE BUCK 40QFN | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL6398IRTZ-T</a><br>Description: IC REG CTRLR BUCK PMBUS 40TQFN | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL6401CR-T</a><br>Description: IC REG CTRLR BOOST/FLYBACK 16QFN | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL6398IRTZ-TK</a><br>Description: IC REG CTRLR BUCK PMBUS 40QFN | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL6401CBZ-T</a><br>Description: IC REG CTRLR BOOST/FLYBK 14SOIC | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL6388HRTZ</a><br>Description: IC CTRLR PWM 6PHASE BUCK 40QFN   | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL6401CB</a><br>Description: IC REG CTRLR BOOST/FLYBK 14SOIC    | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL6398IRTZ</a><br>Description: IC REG CTRLR BUCK PMBUS 40QFN    | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL6381CRTZ</a><br>Description: IC CTRLR PWM 4PHASE BUCK 40QFN   | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL6401CR</a><br>Description: IC REG CTRLR BOOST/FLYBACK 16QFN   | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL6381CRTZ-T</a><br>Description: IC CTRLR PWM 4PHASE BUCK 40QFN | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL6398HRTZ</a><br>Description: IC REG CTRLR BUCK PMBUS 40QFN    | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
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Related keywords for ISL6398HRTZ-T

|                                  |                           |                        |                     |
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| Intersil ISL6398HRTZ-T           | ISL6398HRTZ-T distributor | ISL6398HRTZ-T supplier | ISL6398HRTZ-T price |
| ISL6398HRTZ-T download datasheet | ISL6398HRTZ-T datasheet   | ISL6398HRTZ-T stock    | buy ISL6398HRTZ-T   |
| Intersil ISL6398HRTZ-T           |                           |                        |                     |