

ISL6420IR-T



A Renesas Company

Part Number: [ISL6420IR-T](#)

Manufacturer: [Intersil](#)

Description: IC REG CTRLR BUCK 20QFN

Data sheet:  [ISL6420](#)

RoHs Status: Contains lead / RoHS non-compliant

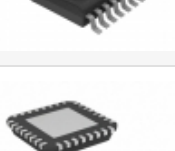
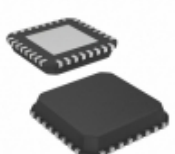
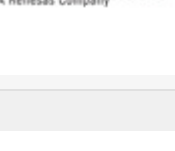
Ship From: Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
Buy ISL6420IR-T with confidence from Component-World.HK, 1 Year Warranty

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                         |                                                                  |                                |                                                                              |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|--------------------------------|------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                               | ISL6420IR-T                                                      | Manufacturer                   | <a href="#">Intersil</a>                                                     |
| Description                                                                                                                                                                                                                                                                                                                                                                               | IC REG CTRLR BUCK 20QFN                                          | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant                                           |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                        | 4037 pcs                                                         | Data sheet                     | <a href="#">ISL6420</a>                                                      |
| Category                                                                                                                                                                                                                                                                                                                                                                                  | <a href="#">Integrated Circuits (ICs)</a>                        | Voltage - Supply (Vcc/Vdd)     | 5.6 V ~ 16 V                                                                 |
| Topology                                                                                                                                                                                                                                                                                                                                                                                  | Buck                                                             | Synchronous Rectifier          | Yes                                                                          |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                   | 20-QFN-EP (4x4)                                                  | Series                         | -                                                                            |
| Serial Interfaces                                                                                                                                                                                                                                                                                                                                                                         | -                                                                | Packaging                      | Tape & Reel (TR)                                                             |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                            | 20-VFQFN Exposed Pad                                             | Output Type                    | Transistor Driver                                                            |
| Output Phases                                                                                                                                                                                                                                                                                                                                                                             | 1                                                                | Output Configuration           | Positive                                                                     |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                     | -40°C ~ 85°C (TA)                                                | Number of Outputs              | 1                                                                            |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                          | 1 (Unlimited)                                                    | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant                                           |
| Function                                                                                                                                                                                                                                                                                                                                                                                  | Step-Down                                                        | Frequency - Switching          | 100kHz ~ 1.4MHz                                                              |
| Duty Cycle (Max)                                                                                                                                                                                                                                                                                                                                                                          | 96%                                                              | Detailed Description           | Buck Regulator Positive Output Step-Down DC-DC Controller IC 20-QFN-EP (4x4) |
| Control Features                                                                                                                                                                                                                                                                                                                                                                          | Enable, Frequency Control, Phase Control, Power Good, Soft Start | Clock Sync                     | No                                                                           |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                          | ISL6420                                                          |                                |                                                                              |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Intersil series electronic components. We have 4037 pieces of Intersil ISL6420IR-T in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: info@Components-World.com |                                                                  |                                |                                                                              |

| RELATED PRODUCTS                                                                   |                                                                                    |                                         |                |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-----------------------------------------|----------------|
|  | Part#: <a href="#">ISL6421ER-T</a><br>Description: IC REG SGL LNB CONTROL 32-QFN   | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL6420BIRZ-T7A</a><br>Description: IC REG CTRLR BUCK 20QFN     | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL6420IA-TK</a><br>Description: IC REG CTRLR BUCK 20QSOP       | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL6421AERZ-T</a><br>Description: IC REG SGL LNB CONTROL 32-QFN | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL6420BIAZ-TK</a><br>Description: IC REG CTRLR BUCK 20QSOP     | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL6421AERZ</a><br>Description: IC CTRLR VOLT REG SGL I2C 32QFN | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL6420IAZ-TK</a><br>Description: IC REG CTRLR BUCK 20QSOP      | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">ISL6421AER</a><br>Description: IC REG SGL LNB CONTROL 32-QFN    | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">ISL6421ER</a><br>Description: IC REG SGL LNB CONTROL 32-QFN     | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL6421AER-T</a><br>Description: IC REG SGL LNB CONTROL 32-QFN  | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL6420EVAL3</a><br>Description: EVALUATION BOARD 3 ISL6420     | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL6421AEVAL1Z</a><br>Description: EVAL BOARD 1 FOR ISL6421A    | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL6420IAZ</a><br>Description: IC REG CTRLR BUCK 20QSOP         | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL6420IRZ</a><br>Description: IC REG CTRLR BUCK 20QFN          | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL6420IR</a><br>Description: IC REG CTRLR BUCK 20QFN           | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |

Related keywords for ISL6420IR-T

|                                |                         |                      |                   |
|--------------------------------|-------------------------|----------------------|-------------------|
| Intersil ISL6420IR-T           | ISL6420IR-T distributor | ISL6420IR-T supplier | ISL6420IR-T price |
| ISL6420IR-T download datasheet | ISL6420IR-T datasheet   | ISL6420IR-T stock    | buy ISL6420IR-T   |
| Intersil ISL6420IR-T           |                         |                      |                   |