

ISL6406IB-T



A Renesas Company

Part Number: [ISL6406IB-T](#)

Manufacturer [Intersil](#)

Description IC REG CTRLR BUCK 16SOIC

Data sheet:  [ISL6406](#)

RoHs Status: Contains lead / RoHS non-compliant

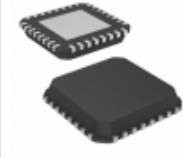
Ship From: Hong Kong

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See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                        |                                           |                                |                                                                      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|----------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                              | ISL6406IB-T                               | Manufacturer                   | <a href="#">Intersil</a>                                             |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                              | IC REG CTRLR BUCK 16SOIC                  | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant                                   |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                       | 5102 pcs                                  | Data sheet                     | <a href="#">ISL6406</a>                                              |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                 | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)     | 2.97 V ~ 3.63 V                                                      |
| Topology                                                                                                                                                                                                                                                                                                                                                                                                                                 | Buck                                      | Synchronous Rectifier          | Yes                                                                  |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                  | 16-SOIC                                   | Series                         | -                                                                    |
| Serial Interfaces                                                                                                                                                                                                                                                                                                                                                                                                                        | -                                         | Packaging                      | Tape & Reel (TR)                                                     |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                           | 16-SOIC (0.154", 3.90mm Width)            | 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 ~ 715kHz                                                      |
| Duty Cycle (Max)                                                                                                                                                                                                                                                                                                                                                                                                                         | 96%                                       | Detailed Description           | Buck Regulator Positive Output Step-Down DC-DC Controller IC 16-SOIC |
| Control Features                                                                                                                                                                                                                                                                                                                                                                                                                         | Enable, Frequency Control, Phase Control  | Clock Sync                     | Yes                                                                  |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                         | ISL6406                                   |                                |                                                                      |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Intersil series electronic components. We have 5102 pieces of Intersil ISL6406IB-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: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                           |                                |                                                                      |

| RELATED PRODUCTS                                                                   |                                                                                         |                                         |                     |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-----------------------------------------|---------------------|
|  | Part#: <a href="#">ISL6406IRZ</a><br>Description: IC REG CTRLR BUCK 16QFN               | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL6405EVAL2</a><br>Description: EVALUATION BOARD 2 ISL6405          | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL6406IB</a><br>Description: IC REG CTRLR BUCK 16SOIC               | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL6405EVAL1</a><br>Description: EVALUATION BOARD 1 ISL6405          | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL6406IR</a><br>Description: IC REG CTRLR BUCK 16QFN                | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL6405ERZ-T</a><br>Description: IC INTERFACE/VOLTAGE REG 32-QFN     | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL6406EVAL1</a><br>Description: EVALUATION BOARD 1 ISL6406          | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL6406IVZ</a><br>Description: IC REG CTRLR BUCK 16TSSOP             | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL6406IRZ-T</a><br>Description: IC REG CTRLR BUCK 16QFN             | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL6406IBZ-T</a><br>Description: IC REG CTRLR BUCK 16SOIC            | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL6406EVAL2</a><br>Description: EVALUATION BOARD 2 ISL6406          | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL6406IBZ</a><br>Description: IC REG CTRLR BUCK 16SOIC              | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL6405ERZ</a><br>Description: IC VOLT REG DUAL LNB 32-QFN           | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL6406IR-T</a><br>Description: IC REG CTRLR BUCK 16QFN              | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL6406IVZ-T</a><br>Description: IC REG CTRLR BUCK 16TSSOP           | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL6406EVAL3</a><br>Description: EVALUATION BOARD 3 ISL6406          | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL6405I2C-KIT-EVAL</a><br>Description: EVALUATION BOARD I2C ISL6405 | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL6406IV</a><br>Description: IC REG CTRLR BUCK 16TSSOP              | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL6405EVAL2Z</a><br>Description: EVAL BOARD 2 FOR ISL6405           | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL6406IV-T</a><br>Description: IC REG CTRLR BUCK 16TSSOP            | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |

Related keywords for ISL6406IB-T

|                                |                         |                      |                   |
|--------------------------------|-------------------------|----------------------|-------------------|
| Intersil ISL6406IB-T           | ISL6406IB-T distributor | ISL6406IB-T supplier | ISL6406IB-T price |
| ISL6406IB-T download datasheet | ISL6406IB-T datasheet   | ISL6406IB-T stock    | buy ISL6406IB-T   |
| Intersil ISL6406IB-T           |                         |                      |                   |