

ISL9506HRZ



A Renesas Company

Part Number: [ISL9506HRZ](#)

Manufacturer [Intersil](#)

Description IC REG CTRLR BUCK 40QFN

Data sheet:  [ISL9506](#)

RoHs Status: Lead free / RoHS Compliant

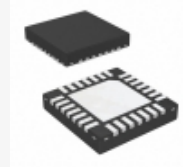
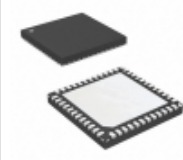
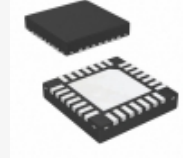
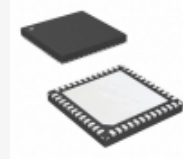
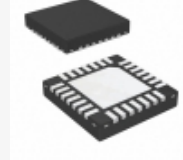
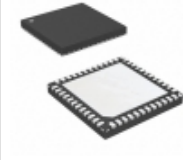
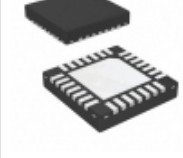
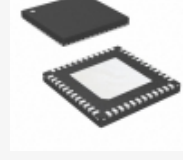
Ship From: Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
Buy ISL9506HRZ with confidence from Component-World.HK, 1 Year Warranty

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                       |                                           |                                |                                                                           |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                             | ISL9506HRZ                                | Manufacturer                   | <a href="#">Intersil</a>                                                  |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                             | IC REG CTRLR BUCK 40QFN                   | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                      | 4323 pcs                                  | Data sheet                     | <a href="#">ISL9506</a>                                                   |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)     | 4.75 V ~ 5.25 V                                                           |
| Topology                                                                                                                                                                                                                                                                                                                                                                                                                                | Buck                                      | Synchronous Rectifier          | -                                                                         |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                 | 40-QFN (6x6)                              | Series                         | Robust Ripple Regulator™ (R3)                                             |
| Serial Interfaces                                                                                                                                                                                                                                                                                                                                                                                                                       | -                                         | Packaging                      | Tube                                                                      |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                          | 40-VFQFN Exposed Pad                      | Output Type                    | PWM Signal                                                                |
| Output Phases                                                                                                                                                                                                                                                                                                                                                                                                                           | 3                                         | Output Configuration           | Positive                                                                  |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                   | -10°C ~ 100°C (TA)                        | Number of Outputs              | 3                                                                         |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                        | 2 (1 Year)                                | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                |
| Function                                                                                                                                                                                                                                                                                                                                                                                                                                | Step-Down                                 | Frequency - Switching          | 200kHz ~ 500kHz                                                           |
| Duty Cycle (Max)                                                                                                                                                                                                                                                                                                                                                                                                                        | -                                         | Detailed Description           | Buck Regulator Positive Output Step-Down DC-DC Controller IC 40-QFN (6x6) |
| Control Features                                                                                                                                                                                                                                                                                                                                                                                                                        | Enable, Power Good                        | Clock Sync                     | No                                                                        |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                        | ISL9506                                   |                                |                                                                           |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Intersil series electronic components. We have 4323 pieces of Intersil ISL9506HRZ 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="#">ISL9519CHRZ</a><br>Description: IC REG/CHRG R NARROW VDC 50TQFN     | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL9518AHRTZ</a><br>Description: IC REG/CHRG R NARROW VDC 28-TQFN   | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL9502AHRZ-T</a><br>Description: IC REG CTRLR BUCK 48QFN           | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL9518HRTZ-T</a><br>Description: IC REG/CHRG R NARROW VDC 28-TQFN  | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL9505AHRZ-T</a><br>Description: IC VOLTAGE REGULATOR              | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL9505HRZ-T</a><br>Description: IC CORE REG SGL PHASE CPU 40-QFN   | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL9517HRZ</a><br>Description: IC CHRGR VDC BATT 28-QFN             | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL9502CRZ</a><br>Description: IC REG CTRLR BUCK 48QFN              | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL9519CEVAL1Z</a><br>Description: EVAL BOARD FOR ISL9519           | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL9518AHRTZ-T</a><br>Description: IC REG/CHRG R NARROW VDC 28-TQFN | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL9505AHRZ</a><br>Description: IC VOLTAGE REGULATOR                | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL9517HRZ-T</a><br>Description: IC CHRGR VDC BATT 28-QFN           | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL9502AHRZ</a><br>Description: IC REG CTRLR BUCK 48QFN             | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL9501CVZ-T</a><br>Description: IC REG CTRLR BUCK 38TSSOP          | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL9518HRTZ</a><br>Description: IC REG/CHRG R NARROW VDC 28-TQFN    | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL9502CRZ-T</a><br>Description: IC REG CTRLR BUCK 48QFN            | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL9506HRZ-T</a><br>Description: IC REG CTRLR BUCK 40QFN            | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL9505HRZ</a><br>Description: IC CORE REG SGL PHASE CPU 40-QFN     | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL9501CRZ-T</a><br>Description: IC REG CTRLR BUCK 40QFN            | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL9519CHRZ-T</a><br>Description: IC REG/CHRG R NARROW VDC 50TQFN   | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |

Related keywords for ISL9506HRZ

|                               |                        |                     |                  |
|-------------------------------|------------------------|---------------------|------------------|
| Intersil ISL9506HRZ           | ISL9506HRZ distributor | ISL9506HRZ supplier | ISL9506HRZ price |
| ISL9506HRZ download datasheet | ISL9506HRZ datasheet   | ISL9506HRZ stock    | buy ISL9506HRZ   |
| Intersil ISL9506HRZ           |                        |                     |                  |