

ISL8016IRAJZ



A Renesas Company

Part Number: [ISL8016IRAJZ](#)

Manufacturer: [Intersil](#)

Description: IC REG BUCK ADJ 6A SYNC 20QFN

Data sheet:  [ISL8016](#)

RoHs Status: Lead free / RoHS Compliant

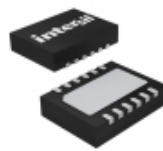
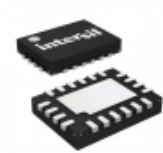
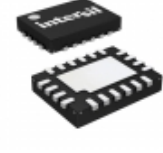
Ship From: Hong Kong

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See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                          |                                           |                                 |                                                                                       |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------|---------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                | ISL8016IRAJZ                              | Manufacturer                    | <a href="#">Intersil</a>                                                              |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                | IC REG BUCK ADJ 6A SYNC 20QFN             | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                            |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                         | 47397 pcs                                 | Data sheet                      | <a href="#">ISL8016</a>                                                               |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                   | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Output (Min/Fixed)    | 0.6V                                                                                  |
| Voltage - Output (Max)                                                                                                                                                                                                                                                                                                                                                                                                                     | 5.5V                                      | Voltage - Input (Min)           | 2.7V                                                                                  |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                                      | 5.5V                                      | Topology                        | Buck                                                                                  |
| Synchronous Rectifier                                                                                                                                                                                                                                                                                                                                                                                                                      | Yes                                       | Supplier Device Package         | 20-QFN (3x4)                                                                          |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                     | -                                         | Packaging                       | Tube                                                                                  |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                             | 20-VFQFN Exposed Pad                      | Output Type                     | Adjustable                                                                            |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                                       | Positive                                  | Operating Temperature           | -40°C ~ 85°C (TA)                                                                     |
| Number of Outputs                                                                                                                                                                                                                                                                                                                                                                                                                          | 1                                         | Mounting Type                   | Surface Mount                                                                         |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                           | 3 (168 Hours)                             | Manufacturer Standard Lead Time | 6 Weeks                                                                               |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                             | Lead free / RoHS Compliant                | Function                        | Step-Down                                                                             |
| Frequency - Switching                                                                                                                                                                                                                                                                                                                                                                                                                      | 525kHz ~ 3.9MHz                           | Detailed Description            | Buck Switching Regulator IC Positive Adjustable 0.6V 1 Output 6A 20-VFQFN Exposed Pad |
| Current - Output                                                                                                                                                                                                                                                                                                                                                                                                                           | 6A                                        | Base Part Number                | ISL8016                                                                               |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Intersil series electronic components. We have 47397 pieces of Intersil ISL8016IRAJZ 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="#">ISL8022IRZ</a><br>Description: IC REG BUCK ADJ 2A/1.7A DL 12DFN     | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL8016IR15Z-T7A</a><br>Description: IC REG BUCK 1.5V 6A SYNC 20QFN | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL8022EVAL1Z</a><br>Description: EVAL BOARD 1 FOR ISL8022          | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL8018IRAJZ-T7A</a><br>Description: IC REG BUCK ADJ 8A SYNC 20QFN  | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL8018EVAL3Z</a><br>Description: EVAL BOARD FOR ISL8018            | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL8016IRAJZ-T7A</a><br>Description: IC REG BUCK ADJ 6A SYNC 20QFN  | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL8016IR33Z-T7A</a><br>Description: IC REG BUCK 3.3V 6A SYNC 20QFN | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL8016IR33Z</a><br>Description: IC REG BUCK 3.3V 6A SYNC 20QFN     | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL8016IR18Z-T</a><br>Description: IC REG BUCK 1.8V 6A SYNC 20QFN   | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL8022EVAL2Z</a><br>Description: EVAL BOARD 2 FOR ISL8022          | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL8018DEMO1Z</a><br>Description: DEMO BOARD FOR ISL8018            | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL8016IR18Z</a><br>Description: IC REG BUCK 1.8V 6A SYNC 20QFN     | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL8016IR18Z-T7A</a><br>Description: IC REG BUCK 1.8V 6A SYNC 20QFN | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL8016IR25Z</a><br>Description: IC REG BUCK 2.5V 6A SYNC 20QFN     | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL8016IR33Z-T</a><br>Description: IC REG BUCK 3.3V 6A SYNC 20QFN   | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL8018IRAJZ</a><br>Description: IC REG BUCK ADJ 8A SYNC 20QFN      | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL8018IRAJZ-T</a><br>Description: IC REG BUCK ADJ 8A SYNC 20QFN    | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">ISL8016IR25Z-T7A</a><br>Description: IC REG BUCK 2.5V 6A SYNC 20QFN | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |

Related keywords for ISL8016IRAJZ

|                                 |                          |                       |                    |
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