

ISL91106AIQZ-T



A Renesas Company

**Part Number:** ISL91106AIQZ-T

**Manufacturer:** Intersil

**Description:** IC REG BCK BST 2A SYNC 15WLCSP

**Data sheet:**  [ISL91106\(A\) Datasheet](#)

**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                                                                                                                                                                                                                                                                                                                                                                                   | ISL91106AIQZ-T                            | Manufacturer                    | <a href="#">Intersil</a>                                                                                  |
| Description                                                                                                                                                                                                                                                                                                                                                                                   | IC REG BCK BST 2A SYNC 15WLCSP            | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                                                |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                            | 58821 pcs                                 | Data sheet                      | <a href="#">ISL91106(A) Datasheet</a>                                                                     |
| Category                                                                                                                                                                                                                                                                                                                                                                                      | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Output (Min/Fixed)    | 1V (3.3V, 3.4V)                                                                                           |
| Voltage - Output (Max)                                                                                                                                                                                                                                                                                                                                                                        | 5.2V                                      | Voltage - Input (Min)           | 1.8V                                                                                                      |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                         | 5.5V                                      | Topology                        | Buck-Boost                                                                                                |
| Synchronous Rectifier                                                                                                                                                                                                                                                                                                                                                                         | Yes                                       | Supplier Device Package         | 15-WLCSP (1.51x2.15)                                                                                      |
| Series                                                                                                                                                                                                                                                                                                                                                                                        | -                                         | Packaging                       | Tape & Reel (TR)                                                                                          |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                | 15-UFBGA, WLCSP                           | Output Type                     | Adjustable (Fixed)                                                                                        |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                          | Positive                                  | Operating Temperature           | -                                                                                                         |
| Number of Outputs                                                                                                                                                                                                                                                                                                                                                                             | 1                                         | Mounting Type                   | Surface Mount                                                                                             |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                              | 1 (Unlimited)                             | Manufacturer Standard Lead Time | 27 Weeks                                                                                                  |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                | Lead free / RoHS Compliant                | Function                        | Step-Up/Step-Down                                                                                         |
| Frequency - Switching                                                                                                                                                                                                                                                                                                                                                                         | 2.5MHz                                    | Detailed Description            | Buck-Boost Switching Regulator IC Positive Adjustable (Fixed) 1V (3.3V, 3.4V) 1 Output 2A 15-UFBGA, WLCSP |
| Current - Output                                                                                                                                                                                                                                                                                                                                                                              | 2A                                        |                                 |                                                                                                           |
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| RELATED PRODUCTS                                                                   |                                                                                            |                                         |                     |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-----------------------------------------|---------------------|
|  | Part#: <a href="#">ISL91106AIAZ-T</a><br>Description: IC REG BCK BST 2A SYNC 15WLCSP       | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL9106IRZ</a><br>Description: IC REG BUCK ADJ 1.2A SYNC 10DFN          | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL9108IRZ-T</a><br>Description: IC REG BUCK ADJ 1.5A SYNC 8DFN         | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL91106IIN-EVZ</a><br>Description: BOARD EVAL ISL91106IIN 15WLCSP      | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL9107EVAL1Z</a><br>Description: BOARD EVAL FOR ISL9107                | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL91106IIA-EVZ</a><br>Description: BOARD EVAL ISL91106IIA ADJ WLCSP    | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL91106AIINZ-T</a><br>Description: IC REG BCK BST 2A SYNC 15WLCSP      | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL91106IINZ-T</a><br>Description: IC REG BUCK BST 2A SYNC 15WLCSP      | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL91106IIQZ-T</a><br>Description: IC REG BUCK BST 2A SYNC 15WLCSP      | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL91106IINZ-TR5654</a><br>Description: IC REG BUCK BST 2A SYNC 15WLCSP | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL9106EVAL1Z</a><br>Description: BOARD EVAL FOR ISL9106                | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL9107IRZ-T</a><br>Description: IC REG BUCK ADJ 1.5A SYNC 8DFN         | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL91106IIAZ-T</a><br>Description: IC REG BUCK BST 2A SYNC 15WLCSP      | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL9106IRZ-T</a><br>Description: IC REG BUCK ADJ 1.2A SYNC 10DFN        | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL91106IIQZ-TR5654</a><br>Description: IC REG BUCK BST 2A SYNC 15WLCSP | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL91106IIQ-EVZ</a><br>Description: EVAL BOARD FOR ISL91106IIQ          | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL91107IIA-EVZ</a><br>Description: BOARD EVAL ISL91107IIA WLCSP        | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL9109IRZ-T</a><br>Description: IC REG BUCK ADJ 1.5A SYNC 8DFN         | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL9108EVAL1Z</a><br>Description: BOARD EVAL FOR ISL9108                | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL91106IIAZ-TR5654</a><br>Description: IC REG BCK BST 2A SYNC 15WLCSP  | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |

Related keywords for ISL91106AIQZ-T

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