

ISL8009AIRZ-T



A Renesas Company

Part Number: [ISL8009AIRZ-T](#)

Manufacturer [Intersil](#)

Description IC REG BUCK ADJ 1.5A SYNC 8DFN

Data sheet:  [ISL8009A](#)

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 ISL8009AIRZ-T with confidence from Component-World.HK, 1 Year Warranty

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                        |                                  |                                 |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|----------------------------------|---------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                    | ISL8009AIRZ-T                                                                          | Manufacturer                     | <a href="#">Intersil</a>        |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                    | IC REG BUCK ADJ 1.5A SYNC 8DFN                                                         | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant      |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                             | 63580 pcs                                                                              | Data sheet                       | <a href="#">ISL8009A</a>        |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                       | <a href="#">Integrated Circuits (ICs)</a>                                              | Voltage - Output (Min/Fixed)     | 0.8V                            |
| Voltage - Output (Max)                                                                                                                                                                                                                                                                                                                                                                                                                         | 5.5V                                                                                   | Voltage - Input (Min)            | 2.7V                            |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                                          | 5.5V                                                                                   | Topology                         | Buck                            |
| Synchronous Rectifier                                                                                                                                                                                                                                                                                                                                                                                                                          | Yes                                                                                    | Supplier Device Package          | 8-DFN (2x3)                     |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                         | -                                                                                      | Packaging                        | Tape & Reel (TR)                |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                 | 8-VDFDN Exposed Pad                                                                    | Output Type                      | Adjustable                      |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                                           | Positive                                                                               | Other Names                      | ISL8009AIRZ-TTR<br>ISL8009AIRZT |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                          | -40°C ~ 85°C (TA)                                                                      | Number of Outputs                | 1                               |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                  | Surface Mount                                                                          | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                   |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                | 6 Weeks                                                                                | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant      |
| Function                                                                                                                                                                                                                                                                                                                                                                                                                                       | Step-Down                                                                              | Frequency - Switching            | 1.6MHz                          |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                           | Buck Switching Regulator IC Positive Adjustable 0.8V 1 Output 1.5A 8-VDFDN Exposed Pad | Current - Output                 | 1.5A                            |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                               | ISL8009                                                                                |                                  |                                 |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Intersil series electronic components. We have 63580 pieces of Intersil ISL8009AIRZ-T in stock available now.<br>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="#">ISL8009AIRZ-TK</a><br>Description: IC REG BUCK ADJ 1.5A SYNC 8DFN   | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL80031DEMO1Z</a><br>Description: DEMO BOARD FOR ISL80031          | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL80031AFRZ-T7A</a><br>Description: IC REG BUCK ADJ 3A SYNC 8DFN   | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL80030DEMO1Z</a><br>Description: DEMO BOARD FOR ISL80030          | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL80101AEVAL2Z</a><br>Description: BOARD EVAL FOR ISL80101A        | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL80031FRZ-T</a><br>Description: IC REG BUCK ADJ 3A SYNC 8DFN      | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL8009AIRZ-T7A</a><br>Description: IC REG BUCK ADJ 1.5A SYNC 8DFN  | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL8009EVAL1Z</a><br>Description: EVALUATION BOARD FOR ISL8009      | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL80031FRZ-T7A</a><br>Description: IC REG BUCK ADJ 3A SYNC 8DFN    | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL80030FRZ-T7A</a><br>Description: IC REG BUCK ADJ 3A SYNC 8DFN    | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL80101AIRAJZ</a><br>Description: IC REG LINEAR POS ADJ 1A 10DFN   | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL80101IR18Z-T</a><br>Description: IC REG LINEAR 1.8V 1A 10DFN     | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL80031AFRZ-T</a><br>Description: IC REG BUCK ADJ 3A SYNC 8DFN     | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL80031ADEMO1Z</a><br>Description: EVAL BOARD FOR ISL80031A        | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL8009AEVAL1Z</a><br>Description: EVALUATION BOARD FOR ISL8009A    | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL80030FRZ-T</a><br>Description: IC REG BUCK ADJ 3A SYNC 8DFN      | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL80101AIRAJZ-T</a><br>Description: IC REG LINEAR POS ADJ 1A 10DFN | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL8009BIRZ-T</a><br>Description: IC REG BUCK SYNC 1.5A 8-DFN       | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL80101IR18Z</a><br>Description: IC REG LINEAR 1.8V 1A 10DFN       | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISL80101EVAL2Z</a><br>Description: EVAL BOARD FOR ISL80101          | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |

Related keywords for ISL8009AIRZ-T

|                                  |                           |                        |                     |
|----------------------------------|---------------------------|------------------------|---------------------|
| Intersil ISL8009AIRZ-T           | ISL8009AIRZ-T distributor | ISL8009AIRZ-T supplier | ISL8009AIRZ-T price |
| ISL8009AIRZ-T download datasheet | ISL8009AIRZ-T datasheet   | ISL8009AIRZ-T stock    | buy ISL8009AIRZ-T   |
| Intersil ISL8009AIRZ-T           |                           |                        |                     |