

ISL78268ARZ-T





A Renesas Company

**Part Number:** [ISL78268ARZ-T](#)

**Manufacturer:** [Intersil](#)

**Description:** IC REG CTRLR BUCK 24QFN

**Data sheet:**  [ISL78268](#)

**RoHs Status:** Lead free / RoHS Compliant

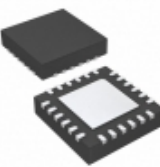
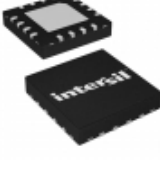
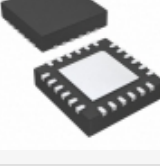
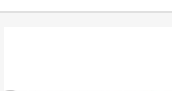
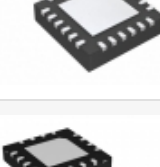
**Ship From:** Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
**Buy ISL78268ARZ-T with confidence from Component-World.HK, 1 Year Warranty**

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                           |                                 |                                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|---------------------------------|-----------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                 | ISL78268ARZ-T                                                             | Manufacturer                    | <a href="#">Intersil</a>                      |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                 | IC REG CTRLR BUCK 24QFN                                                   | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                    |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                          | 29393 pcs                                                                 | Data sheet                      | <a href="#">ISL78268</a>                      |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                    | <a href="#">Integrated Circuits (ICs)</a>                                 | Voltage - Supply (Vcc/Vdd)      | 4.75 V ~ 5.5 V                                |
| Topology                                                                                                                                                                                                                                                                                                                                                                                                                                    | Buck                                                                      | Synchronous Rectifier           | Yes                                           |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                     | 24-QFN (4x4)                                                              | Series                          | Automotive, AEC-Q100                          |
| Serial Interfaces                                                                                                                                                                                                                                                                                                                                                                                                                           | -                                                                         | Packaging                       | Tube                                          |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                              | 24-VFQFN Exposed Pad                                                      | Output Type                     | Transistor Driver                             |
| Output Phases                                                                                                                                                                                                                                                                                                                                                                                                                               | 1                                                                         | Output Configuration            | Positive                                      |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                       | -40°C ~ 125°C (TJ)                                                        | Number of Outputs               | 1                                             |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                            | 2 (1 Year)                                                                | Manufacturer Standard Lead Time | 8 Weeks                                       |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                              | Lead free / RoHS Compliant                                                | Function                        | Step-Down                                     |
| Frequency - Switching                                                                                                                                                                                                                                                                                                                                                                                                                       | 50kHz ~ 1.1MHz                                                            | Duty Cycle (Max)                | -                                             |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                        | Buck Regulator Positive Output Step-Down DC-DC Controller IC 24-QFN (4x4) | Control Features                | Enable, Phase Control, Power Good, Soft Start |
| Clock Sync                                                                                                                                                                                                                                                                                                                                                                                                                                  | Yes                                                                       |                                 |                                               |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Intersil series electronic components. We have 29393 pieces of Intersil ISL78268ARZ-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="#">ISL78235EVAL1Z</a><br>Description: EVAL BOARD FOR ISL78235            | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL78301FVEAZ-T7A</a><br>Description: IC REG LIN 3.3V 150MA 14HTSSOP  | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL78236ARZ</a><br>Description: IC REG BUCK ADJ 3A DL SYNC 24QFN      | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL78301FVEGZ-T</a><br>Description: IC REG LIN POS ADJ 14HTSSOP       | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL78236DUALEVAL1Z</a><br>Description: EVAL BOARD FOR ISL78236DUAL    | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL78301FVEAZ</a><br>Description: IC REG LIN 3.3V 150MA 14HTSSOP      | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL78301FVEBZ</a><br>Description: IC REG LINEAR 5V 150MA 14HTSSOP     | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL78236ARZ-T</a><br>Description: IC REG BUCK ADJ 3A DL SYNC 24QFN    | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL78236ARZ-T7A</a><br>Description: IC REG BUCK ADJ 3A DL SYNC 24QFN  | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL78236CRSHEVAL1Z</a><br>Description: EVAL BOARD FOR ISL78236CRSH    | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL78235ARZ-T7A</a><br>Description: IC REG BUCK ADJ 5A SYNC 16QFN     | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL78268ARZ</a><br>Description: IC REG CTRLR BUCK 24QFN               | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL78268EVAL1Z</a><br>Description: EVAL BOARD ISL78268                | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL78235EVAL2Z</a><br>Description: EVAL BOARD ISL78235 WFQFN 5A       | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL78301FVEBZ-T7A</a><br>Description: IC REG LINEAR 5V 150MA 14HTSSOP | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL78301FVEBZ-T</a><br>Description: IC REG LINEAR 5V 150MA 14HTSSOP   | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL78301FVEGZ</a><br>Description: IC REG LIN POS ADJ 14HTSSOP         | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL78301FVEAZ-T</a><br>Description: IC REG LIN 3.3V 150MA 14HTSSOP    | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">ISL78235ARZ-T</a><br>Description: IC REG BUCK ADJ 5A SYNC 16QFN       | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |

| Related keywords for ISL78268ARZ-T |                           |                        |                     |
|------------------------------------|---------------------------|------------------------|---------------------|
| Intersil ISL78268ARZ-T             | ISL78268ARZ-T distributor | ISL78268ARZ-T supplier | ISL78268ARZ-T price |
| ISL78268ARZ-T download datasheet   | ISL78268ARZ-T datasheet   | ISL78268ARZ-T stock    | buy ISL78268ARZ-T   |
| Intersil ISL78268ARZ-T             |                           |                        |                     |