

ISL78234ARZ



  
A Renesas Company

**Part Number:** [ISL78234ARZ](#)

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

**Description:** IC REG BUCK ADJ 4A SYNC 16QFN

**Data sheet:**  [ISL78233, ISL78234 Datasheet](#)

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

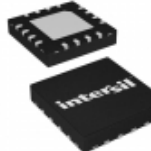
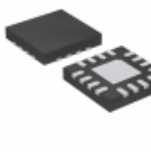
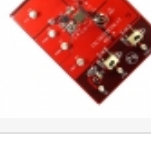
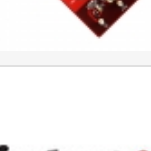
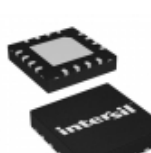
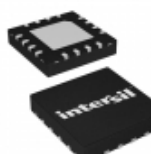
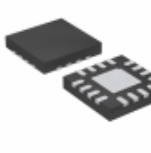
**Ship From:** Hong Kong

**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                                                                                                                                                                                                                                                                                                                                                                                                                                  | ISL78234ARZ                               | Manufacturer                    | <a href="#">Intersil</a>                                                              |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                  | IC REG BUCK ADJ 4A SYNC 16QFN             | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                            |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                           | 44794 pcs                                 | Data sheet                      | <a href="#">ISL78233, ISL78234 Datasheet</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         | 16-TQFN (3x3)                                                                         |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                       | Automotive, AEC-Q100                      | Packaging                       | Tube                                                                                  |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                               | 16-WFQFN Exposed Pad                      | Output Type                     | Adjustable                                                                            |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                                         | Positive                                  | Operating Temperature           | -40°C ~ 125°C (TA)                                                                    |
| Number of Outputs                                                                                                                                                                                                                                                                                                                                                                                                                            | 1                                         | Mounting Type                   | Surface Mount                                                                         |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                             | 3 (168 Hours)                             | Manufacturer Standard Lead Time | 12 Weeks                                                                              |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                               | Lead free / RoHS Compliant                | Function                        | Step-Down                                                                             |
| Frequency - Switching                                                                                                                                                                                                                                                                                                                                                                                                                        | 420kHz ~ 4.2MHz                           | Detailed Description            | Buck Switching Regulator IC Positive Adjustable 0.6V 1 Output 4A 16-WFQFN Exposed Pad |
| Current - Output                                                                                                                                                                                                                                                                                                                                                                                                                             | 4A                                        |                                 |                                                                                       |
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| RELATED PRODUCTS                                                                   |                                                                                        |                                         |                     |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|-----------------------------------------|---------------------|
|  | 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="#">ISL78234AARZ-T7A</a><br>Description: IC REG BUCK ADJ 4A SYNC 16TQFN | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL78233ARZ</a><br>Description: IC REG BUCK ADJ 3A SYNC 16QFN       | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL78233EVAL1Z</a><br>Description: EVAL BOARD FOR ISL78233          | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL78235AARZ</a><br>Description: IC REG BUCK ADJ 5A SYNC 16TQFN     | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL78235AARZ-T7A</a><br>Description: IC REG BUCK ADJ 5A SYNC 16TQFN | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL78235AARZ-T</a><br>Description: IC REG BUCK ADJ 5A SYNC 16TQFN   | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL78234EVAL1Z</a><br>Description: EVAL BOARD FOR ISL78234          | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL78233EVAL2Z</a><br>Description: EVAL BOARD ISL78233 WFQFN 3A     | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL78233AARZ-T</a><br>Description: IC REG BUCK ADJ 3A SYNC 16TQFN   | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL78234EVAL2Z</a><br>Description: EVAL BOARD ISL78234 WFQFN 4A     | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL78233ARZ-T</a><br>Description: IC REG BUCK ADJ 3A SYNC 16QFN     | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">ISL78235ARZ</a><br>Description: IC REG BUCK ADJ 5A SYNC 16QFN       | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL78234AARZ</a><br>Description: IC REG BUCK ADJ 4A SYNC 16TQFN     | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL78235ARZ-T</a><br>Description: IC REG BUCK ADJ 5A SYNC 16QFN     | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
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| Related keywords for ISL78234ARZ |                         |                      |                   |
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