

ISL78235AARZ



A Renesas Company

Part Number: [ISL78235AARZ](#)

Manufacturer: [Intersil](#)

Description: IC REG BUCK ADJ 5A SYNC 16TQFN

Data sheet:  [ISL78235 Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

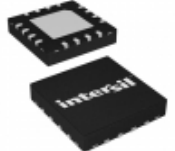
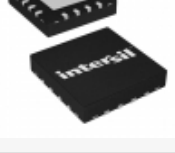
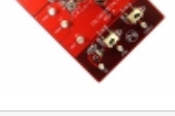
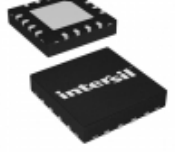
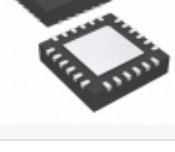
Ship From: Hong Kong

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                                                                                                                                                                                                                                                                                                                                                                                                                                | ISL78235AARZ                              | Manufacturer                    | <a href="#">Intersil</a>                                                             |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                | IC REG BUCK ADJ 5A SYNC 16TQFN            | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                           |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                         | 23252 pcs                                 | Data sheet                      | <a href="#">ISL78235 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-WFQFN (5x5)                                                                       |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                     | Automotive, AEC-Q100                      | Packaging                       | Tube                                                                                 |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                             | 16-VQFN Exposed Pad                       | Output Type                     | Adjustable                                                                           |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                                       | Positive                                  | Operating Temperature           | -40°C ~ 105°C (TA)                                                                   |
| Number of Outputs                                                                                                                                                                                                                                                                                                                                                                                                                          | 1                                         | Mounting Type                   | Surface Mount                                                                        |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                           | 1 (Unlimited)                             | Manufacturer Standard Lead Time | 13 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 5A 16-VQFN Exposed Pad |
| Current - Output                                                                                                                                                                                                                                                                                                                                                                                                                           | 5A                                        |                                 |                                                                                      |
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| RELATED PRODUCTS                                                                   |                                                                                         |                                         |                     |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-----------------------------------------|---------------------|
|  | Part#: <a href="#">ISL78234AARZ-T</a><br>Description: IC REG BUCK ADJ 4A SYNC 16TQFN    | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL78234ARZ-T7A</a><br>Description: IC REG BUCK ADJ 4A SYNC 16QFN    | 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="#">ISL78234EVAL2Z</a><br>Description: EVAL BOARD ISL78234 WFQFN 4A      | 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="#">ISL78234ARZ-T</a><br>Description: IC REG BUCK ADJ 4A SYNC 16QFN      | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL78234ARZ</a><br>Description: IC REG BUCK ADJ 4A SYNC 16QFN        | 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="#">ISL78235ARZ</a><br>Description: IC REG BUCK ADJ 5A SYNC 16QFN        | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL78235EVAL1Z</a><br>Description: EVAL BOARD FOR ISL78235           | 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> |
|  | Part#: <a href="#">ISL78235EVAL2Z</a><br>Description: EVAL BOARD ISL78235 WFQFN 5A      | 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="#">ISL78234AARZ-T7A</a><br>Description: IC REG BUCK ADJ 4A SYNC 16TQFN  | 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="#">ISL78235ARZ-T7A</a><br>Description: IC REG BUCK ADJ 5A SYNC 16QFN    | 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="#">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="#">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="#">ISL78235AARZ-T</a><br>Description: IC REG BUCK ADJ 5A SYNC 16TQFN    | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |

Related keywords for ISL78235AARZ

|                                 |                          |                       |                    |
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