

RT9078-12GQZ



**Part Number:** RT9078-12GQZ

**Manufacturer:** Richtek

**Description:** IC REG LINEAR 1.2V 300mA 4ZQFN

**Data sheet:**  RT9078

**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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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                          |                                                                             |                                  |                                |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|----------------------------------|--------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                | RT9078-12GQZ                                                                | Manufacturer                     | <a href="#">Richtek</a>        |
| Description                                                                                                                                                                                                                                                                                                                                                                                | IC REG LINEAR 1.2V 300mA 4ZQFN                                              | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant     |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                         | 207199 pcs                                                                  | Data sheet                       | <a href="#">RT9078</a>         |
| Category                                                                                                                                                                                                                                                                                                                                                                                   | <a href="#">Integrated Circuits (ICs)</a>                                   | Voltage Dropout (Max)            | 0.57V @ 300mA                  |
| Voltage - Output (Min/Fixed)                                                                                                                                                                                                                                                                                                                                                               | 1.2V                                                                        | Voltage - Output (Max)           | -                              |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                      | 5.5V                                                                        | Supplier Device Package          | 4-ZQFN (1x1)                   |
| Series                                                                                                                                                                                                                                                                                                                                                                                     | -                                                                           | Protection Features              | Over Current, Over Temperature |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                  | Cut Tape (CT)                                                               | Package / Case                   | 4-XDFN Exposed Pad             |
| PSRR                                                                                                                                                                                                                                                                                                                                                                                       | 75dB (1kHz)                                                                 | Output Type                      | Fixed                          |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                       | Positive                                                                    | Other Names                      | RT9078-12GQZCT                 |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                      | -40°C ~ 85°C (TA)                                                           | Number of Regulators             | 1                              |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                              | Surface Mount                                                               | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                  |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                            | 16 Weeks                                                                    | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant     |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                       | Linear Voltage Regulator IC Positive Fixed 1 Output 1.2V 300mA 4-ZQFN (1x1) | Current - Quiescent (Iq)         | 4µA                            |
| Current - Output                                                                                                                                                                                                                                                                                                                                                                           | 300mA                                                                       | Control Features                 | Enable                         |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Richtek series electronic components. We have 207199 pieces of Richtek RT9078-12GQZ 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: info@Components-World.com |                                                                             |                                  |                                |

| RELATED PRODUCTS                                                                   |                                                                                      |                                        |                |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|----------------------------------------|----------------|
|  | Part#: <a href="#">RT9076-15GVN</a><br>Description: IC REG LINEAR 1.5V 250MA SOT23-3 | Manufacturers: <a href="#">Richtek</a> | <div>RFQ</div> |
|  | Part#: <a href="#">RT9078N-08GJ5</a><br>Description: IC REG LIN 0.8V 300MA TSOT23-5  | Manufacturers: <a href="#">Richtek</a> | <div>RFQ</div> |
|  | Part#: <a href="#">RT9078-12GJ5</a><br>Description: IC REG LIN 1.2V 300MA TSOT23-5   | Manufacturers: <a href="#">Richtek</a> | <div>RFQ</div> |
|  | Part#: <a href="#">RT9076-33GV</a><br>Description: IC REG LINEAR 3.3V 250MA SOT23-3  | Manufacturers: <a href="#">Richtek</a> | <div>RFQ</div> |
|  | Part#: <a href="#">RT9078N-12GJ5</a><br>Description: IC REG LIN 1.2V 300MA TSOT23-5  | Manufacturers: <a href="#">Richtek</a> | <div>RFQ</div> |
|  | Part#: <a href="#">RT9078N-18GJ5</a><br>Description: IC REG LIN 1.8V 300MA TSOT23-5  | Manufacturers: <a href="#">Richtek</a> | <div>RFQ</div> |
|  | Part#: <a href="#">RT9074-33GSP</a><br>Description: IC REG LINEAR 3.3V 100MA 8SOP    | Manufacturers: <a href="#">Richtek</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">RT9078-33GQZ</a><br>Description: IC REG LINEAR 3.3V 300MA 4ZQFN   | Manufacturers: <a href="#">Richtek</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">RT9074-33GG</a><br>Description: IC REG LINEAR 3.3V 100MA SOT223   | Manufacturers: <a href="#">Richtek</a> | <div>RFQ</div> |
|  | Part#: <a href="#">RT9076-33GVN</a><br>Description: IC REG LINEAR 3.3V 250MA SOT23-3 | Manufacturers: <a href="#">Richtek</a> | <div>RFQ</div> |
|  | Part#: <a href="#">RT9078-18GQZ</a><br>Description: IC REG LINEAR 1.8V 300MA 4ZQFN   | Manufacturers: <a href="#">Richtek</a> | <div>RFQ</div> |
|  | Part#: <a href="#">RT9078-18GJ5</a><br>Description: IC REG LIN 1.8V 300MA TSOT23-5   | Manufacturers: <a href="#">Richtek</a> | <div>RFQ</div> |
|  | Part#: <a href="#">RT9073N-33GB</a><br>Description: IC REG LINEAR 3.3V 250MA SOT23-5 | Manufacturers: <a href="#">Richtek</a> | <div>RFQ</div> |
|  | Part#: <a href="#">RT9078-33GJ5</a><br>Description: IC REG LIN 3.3V 300MA TSOT23-5   | Manufacturers: <a href="#">Richtek</a> | <div>RFQ</div> |
|  | Part#: <a href="#">RT9078-28GJ5</a><br>Description: IC REG LIN 2.8V 300MA TSOT23-5   | Manufacturers: <a href="#">Richtek</a> | <div>RFQ</div> |
|  | Part#: <a href="#">RT9076-15GV</a><br>Description: IC REG LINEAR 1.5V 250MA SOT23-3  | Manufacturers: <a href="#">Richtek</a> | <div>RFQ</div> |
|  | Part#: <a href="#">RT9078-15GJ5</a><br>Description: IC REG LIN 1.5V 300MA TSOT23-5   | Manufacturers: <a href="#">Richtek</a> | <div>RFQ</div> |
|  | Part#: <a href="#">RT9077-33GJ5</a><br>Description: IC REG LIN 3.3V 200MA TSOT23-5   | Manufacturers: <a href="#">Richtek</a> | <div>RFQ</div> |

Related keywords for RT9078-12GQZ

|                                 |                               |                       |                    |
|---------------------------------|-------------------------------|-----------------------|--------------------|
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| RT9078-12GQZ download datasheet | RT9078-12GQZ datasheet        | RT9078-12GQZ stock    | buy RT9078-12GQZ   |
| Richtek RT9078-12GQZ            | Richtek USA Inc. RT9078-12GQZ |                       |                    |