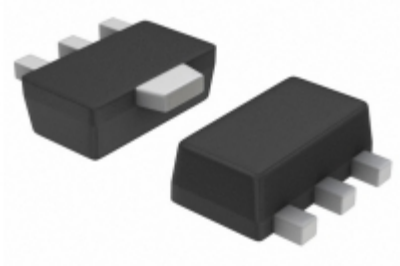


RT9166A-12GXL



**Part Number:** [RT9166A-12GXL](#)

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

**Description:** IC REG LINEAR 1.2V 600mA SOT89-3

**Data sheet:**  [RT9166\(A\)](#)

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

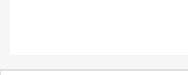
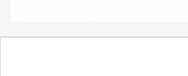
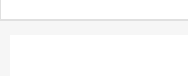
**Ship From:** Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
**Buy RT9166A-12GXL with confidence from Component-World.HK, 1 Year Warranty**

[Request For Quotation](#)

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                         |                                  |                                                 |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|----------------------------------|-------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                | RT9166A-12GXL                                                           | Manufacturer                     | <a href="#">Richtek</a>                         |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                | IC REG LINEAR 1.2V 600MA SOT89-3                                        | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                      |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                         | 420950 pcs                                                              | Data sheet                       | <a href="#">RT9166(A)</a>                       |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                   | <a href="#">Integrated Circuits (ICs)</a>                               | Voltage Dropout (Max)            | 0.58V @ 600mA (Typ)                             |
| Voltage - Output (Min/Fixed)                                                                                                                                                                                                                                                                                                                                                                                                               | 1.2V                                                                    | Voltage - Output (Max)           | -                                               |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                                      | 5.5V                                                                    | Supplier Device Package          | SOT-89-3                                        |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                     | -                                                                       | Protection Features              | Over Current, Over Temperature                  |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                  | Tape & Reel (TR)                                                        | Package / Case                   | TO-243AA                                        |
| PSRR                                                                                                                                                                                                                                                                                                                                                                                                                                       | 55dB (1kHz)                                                             | Output Type                      | Fixed                                           |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                                       | Positive                                                                | Other Names                      | 1028-1065-2<br>RT9166A-12GXL-ND<br>RT9166A12GXL |
| 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 600mA SOT-89-3 |                                  |                                                 |
| Current - Output                                                                                                                                                                                                                                                                                                                                                                                                                           | 600mA                                                                   | Current - Quiescent (Iq)         | 300µA                                           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                         | Control Features                 | -                                               |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Richtek series electronic components. We have 420950 pieces of Richtek RT9166A-12GXL 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="#">RT9166A-12GG</a><br>Description: IC REG LINEAR 1.2V 600MA SOT223   | Manufacturers: <a href="#">Richtek</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RT9166A-13GG</a><br>Description: IC REG LINEAR 1.3V 600MA SOT223   | Manufacturers: <a href="#">Richtek</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RT9166A-12GGL</a><br>Description: IC REG LINEAR 1.2V 600MA SOT223  | Manufacturers: <a href="#">Richtek</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RT9166A-25GX</a><br>Description: IC REG LINEAR 2.5V 600MA SOT89-3  | Manufacturers: <a href="#">Richtek</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RT9166-30GVL</a><br>Description: IC REG LINEAR 3V 300MA SOT23-3L   | Manufacturers: <a href="#">Richtek</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RT9166A-25GG</a><br>Description: IC REG LINEAR 2.5V 600MA SOT223   | Manufacturers: <a href="#">Richtek</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RT9166A-20GXL</a><br>Description: IC REG LINEAR 2V 600MA SOT89-3   | Manufacturers: <a href="#">Richtek</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RT9166-33GXL</a><br>Description: IC REG LINEAR 3.3V 300MA SOT89-3  | Manufacturers: <a href="#">Richtek</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RT9166-33GV</a><br>Description: IC REG LINEAR 3.3V 300MA SOT23-3   | Manufacturers: <a href="#">Richtek</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RT9166A-25GGL</a><br>Description: IC REG LINEAR 2.5V 600MA SOT223  | Manufacturers: <a href="#">Richtek</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RT9166-28GVL</a><br>Description: IC REG LIN 2.8V 300MA SOT23-3L    | Manufacturers: <a href="#">Richtek</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RT9166A-18GG</a><br>Description: IC REG LINEAR 1.8V 600MA SOT223   | Manufacturers: <a href="#">Richtek</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RT9166-28GXL</a><br>Description: IC REG LINEAR 2.8V 300MA SOT89-3  | Manufacturers: <a href="#">Richtek</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RT9166-28GX</a><br>Description: IC REG LINEAR 2.8V 300MA SOT89-3   | Manufacturers: <a href="#">Richtek</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RT9166A-18GX</a><br>Description: IC REG LINEAR 1.8V 600MA SOT89-3  | Manufacturers: <a href="#">Richtek</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RT9166A-15GG</a><br>Description: IC REG LINEAR 1.5V 600MA SOT223   | Manufacturers: <a href="#">Richtek</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RT9166A-18GXL</a><br>Description: IC REG LINEAR 1.8V 600MA SOT89-3 | Manufacturers: <a href="#">Richtek</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RT9166-33GVL</a><br>Description: IC REG LIN 3.3V 300MA SOT23-3L    | Manufacturers: <a href="#">Richtek</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RT9166-33GX</a><br>Description: IC REG LINEAR 3.3V 300MA SOT89-3   | Manufacturers: <a href="#">Richtek</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RT9166A-15GX</a><br>Description: IC REG LINEAR 1.5V 600MA SOT89-3  | Manufacturers: <a href="#">Richtek</a> | <a href="#">RFQ</a> |

| Related keywords for RT9166A-12GXL |                                |                        |                     |
|------------------------------------|--------------------------------|------------------------|---------------------|
| Richtek RT9166A-12GXL              | RT9166A-12GXL distributor      | RT9166A-12GXL supplier | RT9166A-12GXL price |
| RT9166A-12GXL download datasheet   | RT9166A-12GXL datasheet        | RT9166A-12GXL stock    | buy RT9166A-12GXL   |
| Richtek RT9166A-12GXL              | Richtek USA Inc. RT9166A-12GXL |                        |                     |