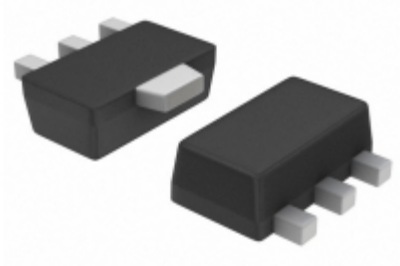


RT9166-28GXL



**Part Number:** [RT9166-28GXL](#)

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

**Description:** IC REG LINEAR 2.8V 300mA SOT89-3

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

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

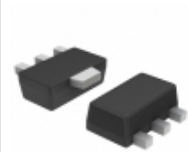
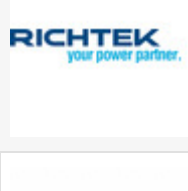
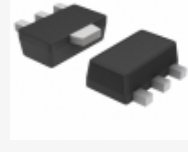
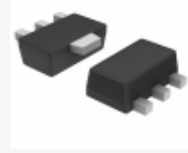
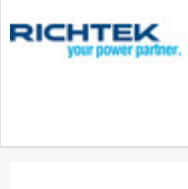
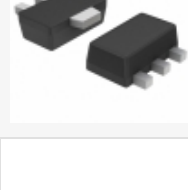
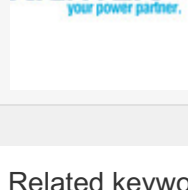
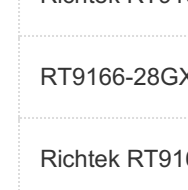
**Ship From:** Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
**Buy RT9166-28GXL with confidence from Component-World.HK, 1 Year Warranty**

[Request For Quotation](#)

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                         |                                |                                |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|--------------------------------|--------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                | RT9166-28GXL                                                            | Manufacturer                   | <a href="#">Richtek</a>        |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                | IC REG LINEAR 2.8V 300mA SOT89-3                                        | Lead Free Status / RoHS Status | Lead free / RoHS Compliant     |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                         | 5830 pcs                                                                | Data sheet                     | <a href="#">RT9166(A)</a>      |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                   | <a href="#">Integrated Circuits (ICs)</a>                               | Voltage Dropout (Max)          | 0.23V @ 300mA (Typ)            |
| Voltage - Output (Min/Fixed)                                                                                                                                                                                                                                                                                                                                                                                                               | 2.8V                                                                    | 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                                                                | Operating Temperature          | -40°C ~ 85°C (TA)              |
| Number of Regulators                                                                                                                                                                                                                                                                                                                                                                                                                       | 1                                                                       | Mounting Type                  | Surface Mount                  |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                           | 3 (168 Hours)                                                           | Lead Free Status / RoHS Status | Lead free / RoHS Compliant     |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                       | Linear Voltage Regulator IC Positive Fixed 1 Output 2.8V 300mA SOT-89-3 |                                |                                |
| Current - Output                                                                                                                                                                                                                                                                                                                                                                                                                           | 300mA                                                                   | 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 5830 pieces of Richtek RT9166-28GXL in stock available now.<br>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="#">RT9166-12GX</a><br>Description: IC REG LINEAR 1.2V 300mA SOT89-3   | 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="#">RT9166-25GVL</a><br>Description: IC REG LIN 2.5V 300MA SOT23-3L    | 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="#">RT9166-28GVL</a><br>Description: IC REG LIN 2.8V 300MA SOT23-3L    | Manufacturers: <a href="#">Richtek</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RT9166A-15GG</a><br>Description: IC REG LINEAR 1.5V 600MA SOT223   | Manufacturers: <a href="#">Richtek</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RT9166-18GX</a><br>Description: IC REG LINEAR 1.8V 300MA 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="#">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-12GXL</a><br>Description: IC REG LINEAR 1.2V 600MA 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="#">RT9166-18GXL</a><br>Description: IC REG LINEAR 1.8V 300MA SOT89-3  | Manufacturers: <a href="#">Richtek</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RT9166-12GVL</a><br>Description: IC REG LIN 1.2V 300MA SOT23-3L    | 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="#">RT9166-13GVL</a><br>Description: IC REG LIN 1.3V 300MA SOT23-3L    | 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="#">RT9166-30GVL</a><br>Description: IC REG LINEAR 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="#">RT9166-18PVL</a><br>Description: IC REG LINEAR 1.8V 300MA SOT23-3  | Manufacturers: <a href="#">Richtek</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RT9166-18GVL</a><br>Description: IC REG LIN 1.8V 300MA SOT23-3L    | Manufacturers: <a href="#">Richtek</a> | <a href="#">RFQ</a> |

Related keywords for **RT9166-28GXL**

|                                 |                               |                       |                    |
|---------------------------------|-------------------------------|-----------------------|--------------------|
| Richtek RT9166-28GXL            | RT9166-28GXL distributor      | RT9166-28GXL supplier | RT9166-28GXL price |
| RT9166-28GXL download datasheet | RT9166-28GXL datasheet        | RT9166-28GXL stock    | buy RT9166-28GXL   |
| Richtek RT9166-28GXL            | Richtek USA Inc. RT9166-28GXL |                       |                    |