

RT9166-25GVL



Part Number: [RT9166-25GVL](#)

Manufacturer [Richtek](#)

Description [IC REG LIN 2.5V 300mA SOT23-3L](#)

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

RoHs Status: [Lead free / RoHS Compliant](#)

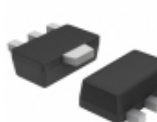
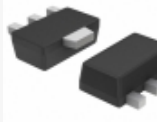
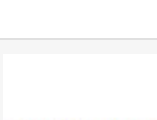
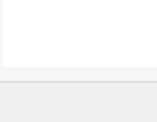
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Images are for reference only.  
See Product Specifications for product details.  
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                          |                                |                                |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|--------------------------------|--------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                | RT9166-25GVL                                                             | Manufacturer                   | <a href="#">Richtek</a>        |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                | IC REG LIN 2.5V 300mA SOT23-3L                                           | Lead Free Status / RoHS Status | Lead free / RoHS Compliant     |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                         | 4964 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)                                                                                                                                                                                                                                                                                                                                                                                                               | 2.5V                                                                     | Voltage - Output (Max)         | -                              |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                                      | 5.5V                                                                     | Supplier Device Package        | SOT-23-3L                      |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                     | -                                                                        | Protection Features            | Over Current, Over Temperature |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                  | Tape & Reel (TR)                                                         | Package / Case                 | TO-236-3, SC-59, SOT-23-3      |
| 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 2.5V 300mA SOT-23-3L | Current - Quiescent (Iq)       | 300µA                          |
| Current - Output                                                                                                                                                                                                                                                                                                                                                                                                                           | 300mA                                                                    | Control Features               | -                              |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Richtek series electronic components. We have 4964 pieces of Richtek RT9166-25GVL 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="#">RT9165GX</a><br>Description: <a href="#">IC REG LINEAR 5V 150mA SOT89-3</a>       | Manufacturers: <a href="#">Richtek</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RT9166-28GXL</a><br>Description: <a href="#">IC REG LINEAR 2.8V 300mA SOT89-3</a> | Manufacturers: <a href="#">Richtek</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RT9166-12GX</a><br>Description: <a href="#">IC REG LINEAR 1.2V 300mA SOT89-3</a>  | Manufacturers: <a href="#">Richtek</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RT9166-30GVL</a><br>Description: <a href="#">IC REG LINEAR 3V 300mA SOT23-3L</a>  | Manufacturers: <a href="#">Richtek</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RT9166-28GX</a><br>Description: <a href="#">IC REG LINEAR 2.8V 300mA SOT89-3</a>  | Manufacturers: <a href="#">Richtek</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RT9166-33GXL</a><br>Description: <a href="#">IC REG LINEAR 3.3V 300mA SOT89-3</a> | Manufacturers: <a href="#">Richtek</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RT9166-13GVL</a><br>Description: <a href="#">IC REG LIN 1.3V 300mA SOT23-3L</a>   | Manufacturers: <a href="#">Richtek</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RT9166-12GVL</a><br>Description: <a href="#">IC REG LIN 1.2V 300mA SOT23-3L</a>   | Manufacturers: <a href="#">Richtek</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RT9166A-12GG</a><br>Description: <a href="#">IC REG LINEAR 1.2V 600MA SOT223</a>  | Manufacturers: <a href="#">Richtek</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RT9164C-33GQW</a><br>Description: <a href="#">IC REG LINEAR 3.3V 1A</a>           | Manufacturers: <a href="#">Richtek</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RT9166-33GX</a><br>Description: <a href="#">IC REG LINEAR 3.3V 300MA SOT89-3</a>  | Manufacturers: <a href="#">Richtek</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RT9166-18GVL</a><br>Description: <a href="#">IC REG LIN 1.8V 300MA SOT23-3L</a>   | Manufacturers: <a href="#">Richtek</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RT9166-28GVL</a><br>Description: <a href="#">IC REG LIN 2.8V 300MA SOT23-3L</a>   | Manufacturers: <a href="#">Richtek</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RT9166-18GX</a><br>Description: <a href="#">IC REG LINEAR 1.8V 300MA SOT89-3</a>  | Manufacturers: <a href="#">Richtek</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RT9166A-12GG</a><br>Description: <a href="#">IC REG LINEAR 1.2V 600MA SOT223</a>  | Manufacturers: <a href="#">Richtek</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RT9164CGG</a><br>Description: <a href="#">IC REG LINEAR POS ADJ 1A SOT223</a>     | Manufacturers: <a href="#">Richtek</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RT9166-33GV</a><br>Description: <a href="#">IC REG LINEAR 3.3V 300MA SOT23-3</a>  | Manufacturers: <a href="#">Richtek</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RT9166-18PVL</a><br>Description: <a href="#">IC REG LINEAR 1.8V 300MA SOT23-3</a> | Manufacturers: <a href="#">Richtek</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RT9166-18GXL</a><br>Description: <a href="#">IC REG LINEAR 1.8V 300MA SOT89-3</a> | Manufacturers: <a href="#">Richtek</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RT9166-33GVL</a><br>Description: <a href="#">IC REG LIN 3.3V 300MA SOT23-3L</a>   | Manufacturers: <a href="#">Richtek</a> | <a href="#">RFQ</a> |

| Related keywords for RT9166-25GVL |                               |                       |                    |
|-----------------------------------|-------------------------------|-----------------------|--------------------|
| Richtek RT9166-25GVL              | RT9166-25GVL distributor      | RT9166-25GVL supplier | RT9166-25GVL price |
| RT9166-25GVL download datasheet   | RT9166-25GVL datasheet        | RT9166-25GVL stock    | buy RT9166-25GVL   |
| Richtek RT9166-25GVL              | Richtek USA Inc. RT9166-25GVL |                       |                    |