



Richtek



### RT9164A-18GL

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | RT9164A-18GL                                                                                                 |
| Manufacturer/Brand: | Richtek                                                                                                      |
| Product description | IC REG LINEAR 1.8V 1A TO252-3                                                                                |
| Datasheets:         |  RT9164A-18GL.pdf           |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 218655 pcs stock                                                                                             |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

#### Specifications of RT9164A-18GL

|                                  |                                                                                                      |
|----------------------------------|------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | RT9164A-18GL                                                                                         |
| MANUFACTURER                     | Richtek                                                                                              |
| DESCRIPTION                      | IC REG LINEAR 1.8V 1A TO252-3                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                           |
| QUANTITY AVAILABLE               | 218655 pcs                                                                                           |
| DATA SHEET                       |  RT9164A-18GL.pdf |
| VOLTAGE DROPOUT (MAX)            | 1.4V @ 1A                                                                                            |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 1.8V                                                                                                 |
| VOLTAGE - OUTPUT (MAX)           | -                                                                                                    |
| VOLTAGE - INPUT (MAX)            | 14V                                                                                                  |
| SUPPLIER DEVICE PACKAGE          | TO-252-3                                                                                             |
| SERIES                           | -                                                                                                    |
| PROTECTION FEATURES              | Over Current, Over Temperature                                                                       |
| PACKAGING                        | Tape & Reel (TR)                                                                                     |
| PACKAGE / CASE                   | TO-252-3, DPak (2 Leads + Tab), SC-63                                                                |
| PSRR                             | 72dB (120Hz)                                                                                         |
| OUTPUT TYPE                      | Fixed                                                                                                |
| OUTPUT CONFIGURATION             | Positive                                                                                             |
| OTHER NAMES                      | 1028-1062-2<br>RT9164A-18GL-ND<br>RT9164A18GL                                                        |
| OPERATING TEMPERATURE            | -40°C ~ 125°C                                                                                        |
| 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 1.8V 1A TO-252-3                                 |
| CURRENT - QUIESCENT (IQ)         | 10mA                                                                                                 |
| CURRENT - OUTPUT                 | 1A                                                                                                   |
| CONTROL FEATURES                 | -                                                                                                    |

#### Related Tags

|                            |                                 |                          |
|----------------------------|---------------------------------|--------------------------|
| Richtek RT9164A-18GL       | RT9164A-18GL Distributor        | RT9164A-18GL Supplier    |
| RT9164A-18GL Price         | RT9164A-18GL Pictures           | RT9164A-18GL Image       |
| RT9164A-18GL PDF Datasheet | RT9164A-18GL Download Datasheet | RT9164A-18GL Datasheet   |
| RT9164A-18GL Stock         | Buy RT9164A-18GL                | Buy Richtek RT9164A-18GL |
| Richtek RT9164A-18GL       | Richtek Supplier                | Richtek Distributor      |
| Richtek RT9164A-18GL       | Richtek USA Inc. RT9164A-18GL   |                          |

#### Related Products

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| <div></div> <div><b>RT9164A-33GL</b><br/>Manufacturers: Richtek<br/>Description: IC REG LINEAR 3.3V 1A TO252-3<br/>In stock: 6806 pcs</div> <div>RFQ</div>  | <div></div> <div><b>RT9164AGG</b><br/>Manufacturers: Richtek<br/>Description: IC REG LINEAR POS ADJ 1A SOT223<br/>In stock: 297323 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>RT9164A-18GG</b><br/>Manufacturers: Richtek<br/>Description: IC REG LINEAR 1.8V 1A SOT223<br/>In stock: 6610 pcs</div> <div>RFQ</div>   | <div></div> <div><b>RT9163-50GL</b><br/>Manufacturers: Richtek<br/>Description: IC REG LINEAR 5V 500MA SOT223<br/>In stock: 2782 pcs</div> <div>RFQ</div>   |
| <div></div> <div><b>RT9164A-15GM</b><br/>Manufacturers: Richtek<br/>Description: IC REG LINEAR 1.5V 1A TO263-3<br/>In stock: 6578 pcs</div> <div>RFQ</div>  | <div></div> <div><b>RT9164A-15GG</b><br/>Manufacturers: Richtek<br/>Description: IC REG LINEAR 1.5V 1A SOT223<br/>In stock: 3276 pcs</div> <div>RFQ</div>   |
| <div></div> <div><b>RT9164A-33GG</b><br/>Manufacturers: Richtek<br/>Description: IC REG LINEAR 3.3V 1A SOT223<br/>In stock: 238309 pcs</div> <div>RFQ</div> | <div></div> <div><b>RT9164A-15GLR</b><br/>Manufacturers: Richtek<br/>Description: IC REG LINEAR 1.5V 1A TO252-R<br/>In stock: 3922 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>RT9164A-33GLR</b><br/>Manufacturers: Richtek<br/>Description: IC REG LINEAR 3.3V 1A TO252-R<br/>In stock: 4021 pcs</div> <div>RFQ</div> | <div></div> <div><b>RT9164A-18GM</b><br/>Manufacturers: Richtek<br/>Description: IC REG LINEAR 1.8V 1A TO263-3<br/>In stock: 7068 pcs</div> <div>RFQ</div>  |
| <div></div> <div><b>RT9164A-15GL</b><br/>Manufacturers: Richtek<br/>Description: IC REG LINEAR 1.5V 1A TO252-3<br/>In stock: 5689 pcs</div> <div>RFQ</div>  | <div></div> <div><b>RT9164A-18GLR</b><br/>Manufacturers: Richtek<br/>Description: IC REG LINEAR 1.8V 1A TO252-3<br/>In stock: 6930 pcs</div> <div>RFQ</div> |