



RT9081A-1KGQZA

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | RT9081A-1KGQZA                                                                                               |
| Manufacturer/Brand: | Richtek                                                                                                      |
| Product description | IC REG LIN 1.05V 500MA 6-ZADFN                                                                               |
| Datasheets:         |  RT9081A-1KGQZA.pdf         |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 382861 pcs stock                                                                                             |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

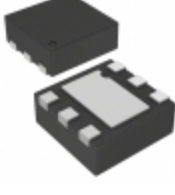
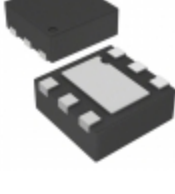
Specifications of RT9081A-1KGQZA

|                                  |                                                                                                        |
|----------------------------------|--------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | RT9081A-1KGQZA                                                                                         |
| MANUFACTURER                     | Richtek                                                                                                |
| DESCRIPTION                      | IC REG LIN 1.05V 500MA 6-ZADFN                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                             |
| QUANTITY AVAILABLE               | 382861 pcs                                                                                             |
| DATA SHEET                       |  RT9081A-1KGQZA.pdf |
| VOLTAGE DROPOUT (MAX)            | 0.25V @ 500mA                                                                                          |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 1.05V                                                                                                  |
| VOLTAGE - OUTPUT (MAX)           | -                                                                                                      |
| VOLTAGE - INPUT (MAX)            | 5.5V                                                                                                   |
| SUPPLIER DEVICE PACKAGE          | 6-ZADFN (1.2x1.2)                                                                                      |
| SERIES                           | -                                                                                                      |
| PROTECTION FEATURES              | Current Limit, Thermal Shutdown, UVLO                                                                  |
| PACKAGING                        | Tape & Reel (TR)                                                                                       |
| PACKAGE / CASE                   | 6-XFDFN Exposed Pad                                                                                    |
| PSRR                             | 80dB (1kHz)                                                                                            |
| OUTPUT TYPE                      | Fixed                                                                                                  |
| OUTPUT CONFIGURATION             | Positive                                                                                               |
| OTHER NAMES                      | RT9081A-1KGQZATR                                                                                       |
| 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 1 Output 500mA 6-ZADFN (1.2x1.2)                                           |
| CURRENT - QUIESCENT (IQ)         | 110µA                                                                                                  |
| CURRENT - OUTPUT                 | 500mA                                                                                                  |
| CONTROL FEATURES                 | Enable                                                                                                 |

Related Tags

|                              |                                   |                            |
|------------------------------|-----------------------------------|----------------------------|
| Richtek RT9081A-1KGQZA       | RT9081A-1KGQZA Distributor        | RT9081A-1KGQZA Supplier    |
| RT9081A-1KGQZA Price         | RT9081A-1KGQZA Pictures           | RT9081A-1KGQZA Image       |
| RT9081A-1KGQZA PDF Datasheet | RT9081A-1KGQZA Download Datasheet | RT9081A-1KGQZA Datasheet   |
| RT9081A-1KGQZA Stock         | Buy RT9081A-1KGQZA                | Buy Richtek RT9081A-1KGQZA |
| Richtek RT9081A-1KGQZA       | Richtek Supplier                  | Richtek Distributor        |
| Richtek RT9081A-1KGQZA       | Richtek USA Inc. RT9081A-1KGQZA   |                            |

Related Products

|                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                             |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>RT9081A-12GQZA</b><br/>Manufacturers: Richtek<br/>Description: IC REG LINEAR 1.2V 500MA 6ZADFN<br/>In stock: 362973 pcs<br/><b>RFQ</b></div>    |  <div><b>RT9081AGQZA(2)</b><br/>Manufacturers: Richtek<br/>Description: IC REG LIN POS ADJ 500MA 6-ZADFN<br/>In stock: 281764 pcs<br/><b>RFQ</b></div>   |
|  <div><b>RT9085AWSC</b><br/>Manufacturers: Richtek<br/>Description: IC LDO 1A LOW DROPOUT WL-CSP-6<br/>In stock: 288890 pcs<br/><b>RFQ</b></div>         |  <div><b>RT9081A-1AGQZA(2)</b><br/>Manufacturers: Richtek<br/>Description: IC REG LIN 1.15V 500MA 6-ZADFN<br/>In stock: 321398 pcs<br/><b>RFQ</b></div>  |
|  <div><b>RT9081A-1BGQZA(2)</b><br/>Manufacturers: Richtek<br/>Description: IC REG LIN 1.25V 500MA 6-ZADFN<br/>In stock: 378387 pcs<br/><b>RFQ</b></div>  |  <div><b>RT9083-10GJ5</b><br/>Manufacturers: Richtek<br/>Description: IC REG LIN 1.05V 250MA TSOT23-5<br/>In stock: 480462 pcs<br/><b>RFQ</b></div>      |
|  <div><b>RT9088GQW</b><br/>Manufacturers: Richtek<br/>Description: IC REG DDR3/4 TERMINATOR 10WDFN<br/>In stock: 35461 pcs<br/><b>RFQ</b></div>          |  <div><b>RT9081A-18GQZA(2)</b><br/>Manufacturers: Richtek<br/>Description: IC REG LINEAR 1.8V 500MA 6ZADFN<br/>In stock: 314922 pcs<br/><b>RFQ</b></div> |
|  <div><b>RT9081A-13GQZA(2)</b><br/>Manufacturers: Richtek<br/>Description: IC REG LINEAR 1.3V 500MA 6ZADFN<br/>In stock: 364652 pcs<br/><b>RFQ</b></div> |  <div><b>RT9083-33GJ5</b><br/>Manufacturers: Richtek<br/>Description: IC REG LIN 3.3V 250MA TSOT23-5<br/>In stock: 132069 pcs<br/><b>RFQ</b></div>       |
|  <div><b>RT9081A-15GQZA(2)</b><br/>Manufacturers: Richtek<br/>Description: IC REG LINEAR 1.5V 500MA 6ZADFN<br/>In stock: 315195 pcs<br/><b>RFQ</b></div> |  <div><b>RT9088AGQW</b><br/>Manufacturers: Richtek<br/>Description: IC REG DDR TERMINATION WDFN-10<br/>In stock: 101825 pcs<br/><b>RFQ</b></div>         |