



Image may be representation. See specifications for product details.

L4945

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | L4945                                                                                                        |
| Manufacturer/Brand: | STMicroelectronics                                                                                           |
| Product description | IC REG LINEAR 5V 500MA TO220AB                                                                               |
| Datasheets:         |  L4945.pdf                  |
| RoHS Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 25953 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of L4945

|                                  |                                                                                               |
|----------------------------------|-----------------------------------------------------------------------------------------------|
| PART NUMBER                      | L4945                                                                                         |
| MANUFACTURER                     | STMicroelectronics                                                                            |
| DESCRIPTION                      | IC REG LINEAR 5V 500MA TO220AB                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                    |
| QUANTITY AVAILABLE               | 25953 pcs                                                                                     |
| DATA SHEET                       |  L4945.pdf |
| VOLTAGE DROPOUT (MAX)            | 0.75V @ 500mA                                                                                 |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 5V                                                                                            |
| VOLTAGE - OUTPUT (MAX)           | -                                                                                             |
| VOLTAGE - INPUT (MAX)            | 26V                                                                                           |
| SUPPLIER DEVICE PACKAGE          | TO-220AB                                                                                      |
| SERIES                           | -                                                                                             |
| PROTECTION FEATURES              | Over Temperature, Over Voltage, Reverse Polarity, Short Circuit                               |
| PACKAGING                        | Tube                                                                                          |
| PACKAGE / CASE                   | TO-220-3                                                                                      |
| PSRR                             | 60dB (120Hz)                                                                                  |
| OUTPUT TYPE                      | Fixed                                                                                         |
| OUTPUT CONFIGURATION             | Positive                                                                                      |
| OTHER NAMES                      | 497-3629                                                                                      |
| OPERATING TEMPERATURE            | -40°C ~ 125°C                                                                                 |
| NUMBER OF REGULATORS             | 1                                                                                             |
| MOUNTING TYPE                    | Through Hole                                                                                  |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                    |
| DETAILED DESCRIPTION             | Linear Voltage Regulator IC Positive Fixed 1 Output 5V 500mA TO-220AB                         |
| CURRENT - SUPPLY (MAX)           | 180mA                                                                                         |
| CURRENT - QUIESCENT (IQ)         | 13mA                                                                                          |
| CURRENT - OUTPUT                 | 500mA                                                                                         |
| CONTROL FEATURES                 | -                                                                                             |
| BASE PART NUMBER                 | L4945                                                                                         |

Related Tags

|                          |                             |                                |
|--------------------------|-----------------------------|--------------------------------|
| STMicroelectronics L4945 | L4945 Distributor           | L4945 Supplier                 |
| L4945 Price              | L4945 Pictures              | L4945 Image                    |
| L4945 PDF Datasheet      | L4945 Download Datasheet    | L4945 Datasheet                |
| L4945 Stock              | Buy L4945                   | Buy STMicroelectronics L4945   |
| STMicroelectronics L4945 | STMicroelectronics Supplier | STMicroelectronics Distributor |
| STMicroelectronics L4945 |                             |                                |

Related Products

|                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                           |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p><b>L4941BV</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG LINEAR 5V 1A TO220AB<br/>In stock: 90811 pcs</p> <p>RFQ</p>                   |  <p><b>L4940V85</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG LINEAR 8.5V 1.5A TO220AB<br/>In stock: 157406 pcs</p> <p>RFQ</p>     |
|  <p><b>L4947PD</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG LINEAR 5V 500MA POWERSO20<br/>In stock: 34762 pcs</p> <p>RFQ</p>              |  <p><b>L4943</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC VREG MULTI CAR MULTIWATT15<br/>In stock: 32139 pcs</p> <p>RFQ</p>           |
|  <p><b>L4947L</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG LIN 5V 500MA 5PENTAWATT<br/>In stock: 50680 pcs</p> <p>RFQ</p>                 |  <p><b>L4947PD013TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG LINEAR 5V 500MA POWERSO20<br/>In stock: 32985 pcs</p> <p>RFQ</p> |
|  <p><b>L4941BDT</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG LINEAR 5V 1A DPAK<br/>In stock: 89551 pcs</p> <p>RFQ</p>                     |  <p><b>L4941BDT-TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG LINEAR 5V 1A DPAK<br/>In stock: 200172 pcs</p> <p>RFQ</p>         |
|  <p><b>L4949D</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG LINEAR 5V 100MA 8SOIC<br/>In stock: 81045 pcs</p> <p>RFQ</p> |  <p><b>L4947</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG LIN 5V 500MA 5PENTAWATT<br/>In stock: 47398 pcs</p> <p>RFQ</p>          |
|  <p><b>L4947H</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG LIN 5V 500MA 5PENTAWATT<br/>In stock: 59738 pcs</p> <p>RFQ</p>                 |  <p><b>L4940V5</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG LINEAR 5V 1.5A TO220AB<br/>In stock: 64460 pcs</p> <p>RFQ</p>         |