



STMicroelectronics



L4941BDT

|                     |                                                                                                                |
|---------------------|----------------------------------------------------------------------------------------------------------------|
| Part Number:        | L4941BDT                                                                                                       |
| Manufacturer/Brand: | STMicroelectronics                                                                                             |
| Product description | IC REG LINEAR 5V 1A DPAK                                                                                       |
| Datasheets:         |  <a href="#">L4941BDT.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant   |
| Stock Condition     | 89551 pcs stock                                                                                                |
| Ship From           | Hong Kong                                                                                                      |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                          |

REQUEST FOR QUOTATION

Specifications of L4941BDT

|                                  |                                                                                                                  |
|----------------------------------|------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | L4941BDT                                                                                                         |
| MANUFACTURER                     | STMicroelectronics                                                                                               |
| DESCRIPTION                      | IC REG LINEAR 5V 1A DPAK                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                       |
| QUANTITY AVAILABLE               | 89551 pcs                                                                                                        |
| DATA SHEET                       |  <a href="#">L4941BDT.pdf</a> |
| VOLTAGE DROPOUT (MAX)            | 0.7V @ 1A                                                                                                        |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 5V                                                                                                               |
| VOLTAGE - OUTPUT (MAX)           | -                                                                                                                |
| VOLTAGE - INPUT (MAX)            | 16V                                                                                                              |
| SUPPLIER DEVICE PACKAGE          | DPAK                                                                                                             |
| SERIES                           | -                                                                                                                |
| PROTECTION FEATURES              | Over Temperature, Reverse Polarity, Short Circuit                                                                |
| PACKAGING                        | Tube                                                                                                             |
| PACKAGE / CASE                   | TO-252-3, DPak (2 Leads + Tab), SC-63                                                                            |
| PSRR                             | 68dB (120Hz)                                                                                                     |
| OUTPUT TYPE                      | Fixed                                                                                                            |
| OUTPUT CONFIGURATION             | Positive                                                                                                         |
| OPERATING TEMPERATURE            | -40°C ~ 150°C                                                                                                    |
| NUMBER OF REGULATORS             | 1                                                                                                                |
| MOUNTING TYPE                    | Surface Mount                                                                                                    |
| 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 1A DPAK                                                   |
| CURRENT - SUPPLY (MAX)           | 40mA                                                                                                             |
| CURRENT - QUIESCENT (IQ)         | 8mA                                                                                                              |
| CURRENT - OUTPUT                 | 1A                                                                                                               |
| CONTROL FEATURES                 | -                                                                                                                |
| BASE PART NUMBER                 | L4941B                                                                                                           |

Related Tags

|                             |                             |                                 |
|-----------------------------|-----------------------------|---------------------------------|
| STMicroelectronics L4941BDT | L4941BDT Distributor        | L4941BDT Supplier               |
| L4941BDT Price              | L4941BDT Pictures           | L4941BDT Image                  |
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Related Products

|                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>L4940P85</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG LINEAR 8.5V 1.5A TO220FP<br/>In stock: 84236 pcs<br/><div>RFQ</div></div>    | <div></div> <div><b>L4947H</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG LIN 5V 500MA 5PENTAWATT<br/>In stock: 59738 pcs<br/><div>RFQ</div></div>     |
| <div></div> <div><b>L4943</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC VREG MULTI CAR MULTIWATT15<br/>In stock: 32139 pcs<br/><div>RFQ</div></div>         | <div></div> <div><b>L4941BDT-TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG LINEAR 5V 1A DPAK<br/>In stock: 200172 pcs<br/><div>RFQ</div></div>     |
| <div></div> <div><b>L4947</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG LIN 5V 500MA 5PENTAWATT<br/>In stock: 47398 pcs<br/><div>RFQ</div></div>        | <div></div> <div><b>L4940V5</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG LINEAR 5V 1.5A TO220AB<br/>In stock: 64460 pcs<br/><div>RFQ</div></div>     |
| <div></div> <div><b>L4941BV</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG LINEAR 5V 1A TO220AB<br/>In stock: 90811 pcs<br/><div>RFQ</div></div>         | <div></div> <div><b>L4940V10</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG LINEAR 10V 1.5A TO220AB<br/>In stock: 92944 pcs<br/><div>RFQ</div></div>   |
| <div></div> <div><b>L4940V12</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG LINEAR 12V 1.5A TO220AB<br/>In stock: 82750 pcs<br/><div>RFQ</div></div>     | <div></div> <div><b>L4940V85</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG LINEAR 8.5V 1.5A TO220AB<br/>In stock: 157406 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>L4940D2T85-TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG LINEAR 8.5V 1.5A D2PAK<br/>In stock: 81625 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>L4945</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG LINEAR 5V 500MA TO220AB<br/>In stock: 25953 pcs<br/><div>RFQ</div></div>      |