



Image may be representation. See specifications for product details.

L7812ACD2T-TR

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | L7812ACD2T-TR                                                                                                |
| Manufacturer/Brand: | STMicroelectronics                                                                                           |
| Product description | IC REG LINEAR 12V 1.5A D2PAK                                                                                 |
| Datasheets:         | <a href="#">PDF L7812ACD2T-TR.pdf</a>                                                                        |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of L7812ACD2T-TR

|                                  |                                                                    |
|----------------------------------|--------------------------------------------------------------------|
| PART NUMBER                      | L7812ACD2T-TR                                                      |
| MANUFACTURER                     | STMicroelectronics                                                 |
| DESCRIPTION                      | IC REG LINEAR 12V 1.5A D2PAK                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                         |
| DATA SHEET                       | <a href="#">PDF L7812ACD2T-TR.pdf</a>                              |
| VOLTAGE DROPOUT (MAX)            | 2V @ 1A (Typ)                                                      |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 12V                                                                |
| VOLTAGE - OUTPUT (MAX)           | -                                                                  |
| VOLTAGE - INPUT (MAX)            | 35V                                                                |
| SUPPLIER DEVICE PACKAGE          | D2PAK                                                              |
| SERIES                           | -                                                                  |
| PROTECTION FEATURES              | Over Temperature, Short Circuit                                    |
| PACKAGING                        | Tape & Reel (TR)                                                   |
| PACKAGE / CASE                   | TO-263-3, D²Pak (2 Leads + Tab), TO-263AB                          |
| PSRR                             | 60dB (120Hz)                                                       |
| OUTPUT TYPE                      | Fixed                                                              |
| OUTPUT CONFIGURATION             | Positive                                                           |
| OTHER NAMES                      | 497-1177-2<br>L7812ACD2TTR                                         |
| OPERATING TEMPERATURE            | 0°C ~ 125°C                                                        |
| NUMBER OF REGULATORS             | 1                                                                  |
| MOUNTING TYPE                    | Surface Mount                                                      |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                      |
| MANUFACTURER STANDARD LEAD TIME  | 32 Weeks                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                         |
| DETAILED DESCRIPTION             | Linear Voltage Regulator IC Positive Fixed 1 Output 12V 1.5A D2PAK |
| CURRENT - QUIESCENT (IQ)         | 6mA                                                                |
| CURRENT - OUTPUT                 | 1.5A                                                               |
| CONTROL FEATURES                 | -                                                                  |
| BASE PART NUMBER                 | L7812A                                                             |

Related Tags

|                                  |                                  |                                      |
|----------------------------------|----------------------------------|--------------------------------------|
| STMicroelectronics L7812ACD2T-TR | L7812ACD2T-TR Distributor        | L7812ACD2T-TR Supplier               |
| L7812ACD2T-TR Price              | L7812ACD2T-TR Pictures           | L7812ACD2T-TR Image                  |
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| STMicroelectronics L7812ACD2T-TR | STMicroelectronics Supplier      | STMicroelectronics Distributor       |
| STMicroelectronics L7812ACD2T-TR |                                  |                                      |

Related Products

|                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                      |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p><b>L7812ABV-DG</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG LINEAR 12V 1.5A TO220<br/>In stock: Out stock</p> <p>RFQ</p>   |  <p><b>L7812ACV-DG</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG LINEAR 12V 1.5A TO220<br/>In stock: Out stock</p> <p>RFQ</p> |
|  <p><b>L7812ABD2T</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG LINEAR 12V 1.5A D2PAK<br/>In stock: Out stock</p> <p>RFQ</p>    |  <p><b>L7812ACV</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG LINEAR 12V 1.5A TO220AB<br/>In stock: Out stock</p> <p>RFQ</p>  |
|  <p><b>L7812ABD2T-TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG LINEAR 12V 1.5A D2PAK<br/>In stock: Out stock</p> <p>RFQ</p> |  <p><b>L7810CV</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG LINEAR 10V 1.5A TO220AB<br/>In stock: Out stock</p> <p>RFQ</p>   |
|  <p><b>L7812CP</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG LINEAR 12V 1.5A TO220FP<br/>In stock: Out stock</p> <p>RFQ</p>     |  <p><b>L7812ACP</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG LINEAR 12V 1.5A TO220FP<br/>In stock: Out stock</p> <p>RFQ</p>  |
|  <p><b>L7812ACD2T</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG LINEAR 12V 1.5A D2PAK<br/>In stock: Out stock</p> <p>RFQ</p>    |  <p><b>L7812CD2T</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG LINEAR 12V 1.5A D2PAK<br/>In stock: Out stock</p> <p>RFQ</p>   |
|  <p><b>L7812ABV</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG LINEAR 12V 1.5A TO220AB<br/>In stock: Out stock</p> <p>RFQ</p>    |  <p><b>L7812CD2T-TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG LDO 12V 1.5A D2PAK<br/>In stock: Out stock</p> <p>RFQ</p>   |