

LF50CPT-TR



Part Number: **LF50CPT-TR**

Manufacturer **STMicroelectronics**

Description **IC REG LINEAR 5V 500MA PPAK**

Data sheet:  **LFxx**

RoHs Status: **Lead free / RoHS Compliant**

Ship From: **Hong Kong**

Shipment Way: **DHL/Fedex/TNT/UPS/EMS**

Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                   |                                  |                                          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|----------------------------------|------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                   | LF50CPT-TR                                                        | Manufacturer                     | <a href="#">STMicroelectronics</a>       |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                   | IC REG LINEAR 5V 500MA PPAK                                       | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant               |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                            | 180732 pcs                                                        | Data sheet                       | <a href="#">LFxx</a>                     |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <a href="#">Integrated Circuits (ICs)</a>                         | Voltage Dropout (Max)            | 0.7V @ 500mA                             |
| Voltage - Output (Min/Fixed)                                                                                                                                                                                                                                                                                                                                                                                                                                  | 5V                                                                | Voltage - Output (Max)           | -                                        |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                         | 16V                                                               | Supplier Device Package          | PPAK                                     |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                        | -                                                                 | Protection Features              | Over Current, Over Temperature           |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Tape & Reel (TR)                                                  | Package / Case                   | TO-252-5, DPak (4 Leads + Tab), TO-252AD |
| PSRR                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 76dB ~ 60dB (120Hz ~ 10kHz)                                       | Output Type                      | Fixed                                    |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                          | Positive                                                          | Other Names                      | 497-5228-2<br>LF50CPT-TR-ND              |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                         | -40°C ~ 125°C                                                     | Number of Regulators             | 1                                        |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Surface Mount                                                     | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                            |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                               | 50 Weeks                                                          | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant               |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                          | Linear Voltage Regulator IC Positive Fixed 1 Output 5V 500mA PPAK | Current - Supply (Max)           | 12mA                                     |
| Current - Quiescent (Iq)                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1mA                                                               | Current - Output                 | 500mA                                    |
| Control Features                                                                                                                                                                                                                                                                                                                                                                                                                                              | Enable                                                            | Base Part Number                 | LF50                                     |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all STMicroelectronics series electronic components. We have 180732 pieces of STMicroelectronics LF50CPT-TR in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                                                   |                                  |                                          |

| RELATED PRODUCTS                                                                   |                                                                                      |                                                                     |                |
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|  | Part#: <a href="#">LF50ABDT-TR</a><br>Description: IC REG LINEAR 5V 500MA DPAK       | Manufacturers: <a href="#">STMicroelectronics</a>                   | <div>RFQ</div> |
|  | Part#: <a href="#">LF56</a><br>Description: CLEAN WIPES HEAVY DUTY LF 50PCS          | Manufacturers: <a href="#">ACL Staticide, Inc.</a>                  | <div>RFQ</div> |
|  | Part#: <a href="#">MC7809ACT</a><br>Description: IC REG LINEAR 9V 1A TO220AB         | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LF50ABV</a><br>Description: IC REG LINEAR 5V 500MA TO220AB        | Manufacturers: <a href="#">STMicroelectronics</a>                   | <div>RFQ</div> |
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Related keywords for LF50CPT-TR

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