



STMicroelectronics



LF27CPT

|                     |                                                                                                               |
|---------------------|---------------------------------------------------------------------------------------------------------------|
| Part Number:        | LF27CPT                                                                                                       |
| Manufacturer/Brand: | STMicroelectronics                                                                                            |
| Product description | IC REG LINEAR 2.7V 500MA PPAK                                                                                 |
| Datasheets:         |  <a href="#">LF27CPT.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant  |
| Stock Condition     | 163588 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                     |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                         |

REQUEST FOR QUOTATION

Specifications of LF27CPT

|                                  |                                                                                                                 |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | LF27CPT                                                                                                         |
| MANUFACTURER                     | STMicroelectronics                                                                                              |
| DESCRIPTION                      | IC REG LINEAR 2.7V 500MA PPAK                                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                      |
| QUANTITY AVAILABLE               | 163588 pcs                                                                                                      |
| DATA SHEET                       |  <a href="#">LF27CPT.pdf</a> |
| VOLTAGE DROPOUT (MAX)            | 0.7V @ 500mA                                                                                                    |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 2.7V                                                                                                            |
| VOLTAGE - OUTPUT (MAX)           | -                                                                                                               |
| VOLTAGE - INPUT (MAX)            | 16V                                                                                                             |
| SUPPLIER DEVICE PACKAGE          | PPAK                                                                                                            |
| SERIES                           | -                                                                                                               |
| PROTECTION FEATURES              | Over Current, Over Temperature                                                                                  |
| PACKAGING                        | Tube                                                                                                            |
| PACKAGE / CASE                   | TO-252-5, DPak (4 Leads + Tab), TO-252AD                                                                        |
| PSRR                             | 82dB ~ 65dB (120Hz ~ 10kHz)                                                                                     |
| OUTPUT TYPE                      | Fixed                                                                                                           |
| OUTPUT CONFIGURATION             | Positive                                                                                                        |
| OPERATING TEMPERATURE            | -40°C ~ 125°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 2.7V 500mA PPAK                                             |
| CURRENT - SUPPLY (MAX)           | 12mA                                                                                                            |
| CURRENT - QUIESCENT (IQ)         | 1mA                                                                                                             |
| CURRENT - OUTPUT                 | 500mA                                                                                                           |
| CONTROL FEATURES                 | Enable                                                                                                          |
| BASE PART NUMBER                 | LF27                                                                                                            |

Related Tags

|                            |                             |                                |
|----------------------------|-----------------------------|--------------------------------|
| STMicroelectronics LF27CPT | LF27CPT Distributor         | LF27CPT Supplier               |
| LF27CPT Price              | LF27CPT Pictures            | LF27CPT Image                  |
| LF27CPT PDF Datasheet      | LF27CPT Download Datasheet  | LF27CPT Datasheet              |
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Related Products

|                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                    |
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|  <div><b>LF2823NP-223</b><br/>Manufacturers: Sumida Corporation<br/>Description: COMMON MODE CHOKE 22MH 1A 2LN TH<br/>In stock: 84593 pcs<br/><div>RFQ</div></div> |  <div><b>LF27CDT-TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG LINEAR 2.7V 500MA DPAK<br/>In stock: 144852 pcs<br/><div>RFQ</div></div>  |
|  <div><b>LF2823NP-123</b><br/>Manufacturers: Sumida Corporation<br/>Description: CMC 12MH 1.2A 2LN TH<br/>In stock: 76751 pcs<br/><div>RFQ</div></div>             |  <div><b>LF27ABDT-TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG LINEAR 2.7V 500MA DPAK<br/>In stock: 141190 pcs<br/><div>RFQ</div></div> |
|  <div><b>LF2823NP-182</b><br/>Manufacturers: Sumida Corporation<br/>Description: CMC 1.8MH 2.6A 2LN TH<br/>In stock: 86289 pcs<br/><div>RFQ</div></div>            |  <div><b>LF27ABDT</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG LINEAR 2.7V 500MA DPAK<br/>In stock: 159640 pcs<br/><div>RFQ</div></div>    |
|  <div><b>LF25CPT-TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG LINEAR 2.5V 500MA PPAK<br/>In stock: 412872 pcs<br/><div>RFQ</div></div>     |  <div><b>LF2823NP-393</b><br/>Manufacturers: Sumida Corporation<br/>Description: CMC 39MH 700MA 2LN TH<br/>In stock: 79833 pcs<br/><div>RFQ</div></div>         |
|  <div><b>LF2823NP-683</b><br/>Manufacturers: Sumida Corporation<br/>Description: CMC 68MH 600MA 2LN TH<br/>In stock: 83652 pcs<br/><div>RFQ</div></div>            |  <div><b>LF27CDT</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG LINEAR 2.7V 500MA DPAK<br/>In stock: 144899 pcs<br/><div>RFQ</div></div>     |
|  <div><b>LF2823NP-682</b><br/>Manufacturers: Sumida Corporation<br/>Description: CMC 6.8MH 1.6A 2LN TH<br/>In stock: 71004 pcs<br/><div>RFQ</div></div>            |  <div><b>LF25CV</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG LINEAR 2.5V 500MA TO220AB<br/>In stock: 164850 pcs<br/><div>RFQ</div></div>   |