

LF18ABPT



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Part Number: [LF18ABPT](#)

Manufacturer: [STMicroelectronics](#)

Description: IC REG LINEAR 1.8V 500MA PPAK

Data sheet:  [LF00 Series Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

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See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                |                                                                     |                                |                                          |
|----------------------------------|---------------------------------------------------------------------|--------------------------------|------------------------------------------|
| Part Number                      | LF18ABPT                                                            | Manufacturer                   | <a href="#">STMicroelectronics</a>       |
| Description                      | IC REG LINEAR 1.8V 500MA PPAK                                       | Lead Free Status / RoHS Status | Lead free / RoHS Compliant               |
| Quantity Available               | 95437 pcs                                                           | Data sheet                     | <a href="#">LF00 Series Datasheet</a>    |
| Category                         | <a href="#">Integrated Circuits (ICs)</a>                           | Voltage Dropout (Max)          | 0.7V @ 200mA (Typ)                       |
| Voltage - Output (Min/Fixed)     | 1.8V                                                                | 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 ~ 60dB (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 1.8V 500mA PPAK | Current - Supply (Max)         | 12mA                                     |
| Current - Quiescent (Iq)         | 1mA                                                                 | Current - Output               | 500mA                                    |
| Control Features                 | Enable                                                              | Base Part Number               | LF18                                     |

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