

LP5951MF-1.8/NOPB



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Part Number: [LP5951MF-1.8/NOPB](#)

Manufacturer: [N/A](#)

Description: [IC REG LINEAR 1.8V 150mA SOT23-5](#)

Data sheet:

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                                                                                                                                                                                                                                                                                                                                                                                                                    | LP5951MF-1.8/NOPB                                                       | Manufacturer                     | N/A                                           |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                    | IC REG LINEAR 1.8V 150mA SOT23-5                                        | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                    |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                             | 140867 pcs                                                              | Data sheet                       |                                               |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                       | <a href="#">Integrated Circuits (ICs)</a>                               | Voltage Dropout (Max)            | 0.35V @ 150mA                                 |
| Voltage - Output (Min/Fixed)                                                                                                                                                                                                                                                                                                                                                                                                   | 1.8V                                                                    | Voltage - Output (Max)           | -                                             |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                          | 5.5V                                                                    | Supplier Device Package          | SOT-23-5                                      |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                         | -                                                                       | Protection Features              | Over Current, Over Temperature, Short Circuit |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                      | Cut Tape (CT)                                                           | Package / Case                   | SC-74A, SOT-753                               |
| PSRR                                                                                                                                                                                                                                                                                                                                                                                                                           | 60dB ~ 50dB (100Hz ~ 10kHz)                                             | Output Type                      | Fixed                                         |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                           | Positive                                                                | Other Names                      | *LP5951MF-1.8/NOPB<br>LP5951MF-1.8/NOPBCT     |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                          | -40°C ~ 125°C                                                           | Number of Regulators             | 1                                             |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                  | Surface Mount                                                           | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                 |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                | 20 Weeks                                                                | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                    |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                           | Linear Voltage Regulator IC Positive Fixed 1 Output 1.8V 150mA SOT-23-5 | Current - Supply (Max)           | 70µA                                          |
| Current - Quiescent (Iq)                                                                                                                                                                                                                                                                                                                                                                                                       | 55µA                                                                    | Current - Output                 | 150mA                                         |
| Control Features                                                                                                                                                                                                                                                                                                                                                                                                               | Enable                                                                  | Base Part Number                 | LP5951                                        |
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| RELATED PRODUCTS                                                                   |                                                                                                           |                                    |                |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|------------------------------------|----------------|
|  | Part#: <a href="#">LP5951MF-1.3/NOPB</a><br>Description: <a href="#">IC REG LINEAR 1.3V 150mA SOT23-5</a> | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LP5951MF-1.8</a><br>Description: <a href="#">IC REG LINEAR 1.8V 150mA SOT23-5</a>      | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LP592201DSCT</a><br>Description: <a href="#">IC REG LINEAR POS ADJ 2A 10WSON</a>       | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LP5912Q3.3DRVQT1</a><br>Description: <a href="#">IC REG LINEAR 3.3V 500MA 6WSON</a>    | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LP5951MF-2.0</a><br>Description: <a href="#">IC REG LINEAR 2V 150MA SOT23-5</a>        | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LP5912Q3.3DRVQR1</a><br>Description: <a href="#">IC REG LINEAR 3.3V 500MA 6WSON</a>    | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LP5951MF-2.5EV</a><br>Description: <a href="#">BOARD EVALUATION LP5951MF-2.5</a>       | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LP5951MF-1.8EV</a><br>Description: <a href="#">BOARD EVALUATION LP5951MF-1.8</a>       | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LP5951MF-1.5</a><br>Description: <a href="#">IC REG LINEAR 1.5V 150MA SOT23-5</a>      | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LP5951MF-3.0/NOPB</a><br>Description: <a href="#">IC REG LINEAR 3V 150MA SOT23-5</a>   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LP5951MF-1.5/NOPB</a><br>Description: <a href="#">IC REG LINEAR 1.5V 150MA SOT23-5</a> | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LP5951MF-2.0/NOPB</a><br>Description: <a href="#">IC REG LINEAR 2V 150MA SOT23-5</a>   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LP592201EVM</a><br>Description: <a href="#">EVAL BOARD FOR LP5922</a>                  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LP5951MF-1.3</a><br>Description: <a href="#">IC REG LINEAR 1.3V 150MA SOT23-5</a>      | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LP5951MF-2.5</a><br>Description: <a href="#">IC REG LINEAR 2.5V 150MA SOT23-5</a>      | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LP592201DSCR</a><br>Description: <a href="#">IC REG LINEAR POS ADJ 2A 10WSON</a>       | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LP5951MF-2.5/NOPB</a><br>Description: <a href="#">IC REG LINEAR 2.5V 150MA SOT23-5</a> | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LP5951MF-2.8</a><br>Description: <a href="#">IC REG LINEAR 2.8V 150MA SOT23-5</a>      | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LP5951MF-3.0</a><br>Description: <a href="#">IC REG LINEAR 3V 150MA SOT23-5</a>        | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LP5951MF-2.8/NOPB</a><br>Description: <a href="#">IC REG LINEAR 2.8V 150MA SOT23-5</a> | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |

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