

LP2980AIM5X-3.0



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Part Number: [LP2980AIM5X-3.0](#)

Manufacturer: [N/A](#)

Description: [IC REG LINEAR 3V 50MA SOT23-5](#)

Data sheet:

RoHs Status: [Contains lead / RoHS non-compliant](#)

Ship From: [Hong Kong](#)

Shipment Way: [DHL/Fedex/TNT/UPS/EMS](#)

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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                            |                                           |                                  |                                                                      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|----------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                  | LP2980AIM5X-3.0                           | Manufacturer                     | N/A                                                                  |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                  | IC REG LINEAR 3V 50MA SOT23-5             | Lead Free Status / RoHS Status   | Contains lead / RoHS non-compliant                                   |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                           | 159246 pcs                                | Data sheet                       |                                                                      |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                     | <a href="#">Integrated Circuits (ICs)</a> | Voltage Dropout (Max)            | 0.22V @ 50mA                                                         |
| Voltage - Output (Min/Fixed)                                                                                                                                                                                                                                                                                                                                                                                                 | 3V                                        | Voltage - Output (Max)           | -                                                                    |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                        | 16V                                       | Supplier Device Package          | SOT-23-5                                                             |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                       | -                                         | Protection Features              | Over Current, Over Temperature, Short Circuit                        |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                    | Tape & Reel (TR)                          | Package / Case                   | SC-74A, SOT-753                                                      |
| PSRR                                                                                                                                                                                                                                                                                                                                                                                                                         | 63dB (1kHz)                               | Output Type                      | Fixed                                                                |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                         | Positive                                  | Other Names                      | LP2980AIM5X-3.0TR                                                    |
| 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                                                                                                                                                                                                                                                                                                                                                                                               | Contains lead / RoHS non-compliant        | Detailed Description             | Linear Voltage Regulator IC Positive Fixed 1 Output 3V 50mA SOT-23-5 |
| Current - Supply (Max)                                                                                                                                                                                                                                                                                                                                                                                                       | 1.2mA                                     | Current - Quiescent (Iq)         | 95µA                                                                 |
| Current - Output                                                                                                                                                                                                                                                                                                                                                                                                             | 50mA                                      | Control Features                 | Enable                                                               |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                             | LP2980                                    |                                  |                                                                      |
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| RELATED PRODUCTS                                                                   |                                                                                                             |                                    |                |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|------------------------------------|----------------|
|  | Part#: <a href="#">LP2980AIM5X-2.5</a><br>Description: <a href="#">IC REG LINEAR 2.5V 50MA SOT23-5</a>      | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LP2980AIM5X-3.2/NOPB</a><br>Description: <a href="#">IC REG LINEAR 3.2V 50MA SOT23-5</a> | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LP2980AIM5X-5.0</a><br>Description: <a href="#">IC REG LINEAR 5V 50MA SOT23-5</a>        | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LP2980AIM5-4.7/NOPB</a><br>Description: <a href="#">IC REG LINEAR 4.7V 50MA SOT23-5</a>  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LP2980AIM5X-3.3</a><br>Description: <a href="#">IC REG LINEAR 3.3V 50MA SOT23-5</a>      | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LP2980AIM5-5.0</a><br>Description: <a href="#">IC REG LINEAR 5V 50MA SOT23-5</a>         | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LP2980AIM5X-4.0/NOPB</a><br>Description: <a href="#">IC REG LINEAR 4V 50MA SOT23-5</a>   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LP2980AIM5-5.0/NOPB</a><br>Description: <a href="#">IC REG LINEAR 5V 50MA SOT23-5</a>    | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">LP2980AIM5-4.7</a><br>Description: <a href="#">IC REG LINEAR 4.7V 50MA SOT23-5</a>       | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LP2980AIM5-4.0/NOPB</a><br>Description: <a href="#">IC REG LINEAR 4V 50MA SOT23-5</a>    | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">LP2980AIM5X-3.8/NOPB</a><br>Description: <a href="#">IC REG LINEAR 3.8V 50MA SOT23-5</a> | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LP2980AIM5X-2.8/NOPB</a><br>Description: <a href="#">IC REG LINEAR 2.8V 50MA SOT23-5</a> | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LP2980AIM5X-1.8/NOPB</a><br>Description: <a href="#">IC REG LINEAR 1.8V 50MA SOT23-5</a> | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LP2980AIM5X-2.9/NOPB</a><br>Description: <a href="#">IC REG LINEAR 2.9V 50MA SOT23-5</a> | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LP2980AIM5X-2.5/NOPB</a><br>Description: <a href="#">IC REG LINEAR 2.5V 50MA SOT23-5</a> | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LP2980AIM5X-3.3/NOPB</a><br>Description: <a href="#">IC REG LINEAR 3.3V 50MA SOT23-5</a> | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LP2980AIM5X-4.7</a><br>Description: <a href="#">IC REG LINEAR 4.7V 50MA SOT23-5</a>      | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |

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