


LD29300P2M50R




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Part Number: [LD29300P2M50R](#)

Manufacturer: [STMicroelectronics](#)

Description: IC REG LINEAR 5V 3A P2PAK-4

Data sheet:  [LD29300xx](#)

RoHs Status: Lead free / RoHS Compliant





















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| PRODUCT PARAMETER   |   |                                  |   |
|---|---|----------------------------------|---|
| Part Number   | LD29300P2M50R                             | Manufacturer                     | <a href="#">STMicroelectronics</a>                                |
| Description   | IC REG LINEAR 5V 3A P2PAK-4               | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant  |
| Quantity Available  | 71487 pcs                                 | Data sheet                       | <a href="#">LD29300xx</a>   |
| Category  | <a href="#">Integrated Circuits (ICs)</a> | Voltage Dropout (Max)            | 0.7V @ 3A   |
| Voltage - Output (Min/Fixed)  | 5V  | Voltage - Output (Max)           | -   |
| Voltage - Input (Max)   | 14V                                       | Supplier Device Package          | P2PAK-4   |
| Series  | -   | Protection Features              | Over Current, Over Temperature                                    |
| Packaging   | Tape & Reel (TR)                          | Package / Case                   | TO-263-6, D <sup>2</sup> Pak (5 Leads + Tab), TO-263BA            |
| PSRR  | 64dB (120Hz)                              | Output Type                      | Fixed   |
| Output Configuration  | Positive                                  | Other Names                      | 497-3476-2  |
| 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 5V 3A P2PAK-4 |
| Current - Supply (Max)  | 100mA                                     | Current - Quiescent (Iq)         | 180µA   |
| Current - Output  | 3A  | Control Features                 | Enable  |
| Base Part Number  | LD29300                                   |                                  |   |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all STMicroelectronics series electronic components. We have 71487 pieces of STMicroelectronics LD29300P2M50R 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> |   |                                  |   |

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|  <div>life.augmented</div> | Part#: <a href="#">LD29300P2M25</a><br>Description: IC REG LINEAR 2.5V 3A P2PAK-4    | Manufacturers: <a href="#">STMicroelectronics</a> | <div>RFQ</div> |
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|                            | Part#: <a href="#">LD29300V33</a><br>Description: IC REG LINEAR 3.3V 3A TO220AB      | Manufacturers: <a href="#">STMicroelectronics</a> | <div>RFQ</div> |
|  <div>life.augmented</div> | Part#: <a href="#">LD29300P2M18R</a><br>Description: IC REG LINEAR 1.8V 3A P2PAK-4   | Manufacturers: <a href="#">STMicroelectronics</a> | <div>RFQ</div> |
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|                            | Part#: <a href="#">LD29300V15</a><br>Description: IC REG LINEAR 1.5V 3A TO220AB      | Manufacturers: <a href="#">STMicroelectronics</a> | <div>RFQ</div> |
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|                            | Part#: <a href="#">LD29300V80</a><br>Description: IC REG LINEAR 8V 3A TO220AB        | Manufacturers: <a href="#">STMicroelectronics</a> | <div>RFQ</div> |
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