

LP3856ET-5.0/NOPB



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Part Number: [LP3856ET-5.0/NOPB](#)

Manufacturer: [N/A](#)

Description: [IC REG LINEAR 5V 3A TO220-5](#)

Data sheet:

RoHs Status: [Lead free / RoHS Compliant](#)

Ship From: [Hong Kong](#)

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

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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                    |                                  |                                               |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|----------------------------------|-----------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                   | LP3856ET-5.0/NOPB                                                  | Manufacturer                     | N/A                                           |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                   | IC REG LINEAR 5V 3A TO220-5                                        | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                    |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                            | 36611 pcs                                                          | Data sheet                       |                                               |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                      | <a href="#">Integrated Circuits (ICs)</a>                          | Voltage Dropout (Max)            | 0.6V @ 3A                                     |
| Voltage - Output (Min/Fixed)                                                                                                                                                                                                                                                                                                                                                                                                  | 5V                                                                 | Voltage - Output (Max)           | -                                             |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                         | 7V                                                                 | Supplier Device Package          | TO-220-5                                      |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                        | -                                                                  | Protection Features              | Over Current, Over Temperature, Short Circuit |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                     | Tube                                                               | Package / Case                   | TO-220-5 Formed Leads                         |
| PSRR                                                                                                                                                                                                                                                                                                                                                                                                                          | 73dB ~ 57dB (120Hz)                                                | Output Type                      | Fixed                                         |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                          | Positive                                                           | Other Names                      | *LP3856ET-5.0/NOPB<br>LP3856ET50NOPB          |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                         | -40°C ~ 125°C                                                      | Number of Regulators             | 1                                             |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                 | Through Hole                                                       | 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 5V 3A TO-220-5 | Current - Supply (Max)           | 10mA                                          |
| Current - Quiescent (Iq)                                                                                                                                                                                                                                                                                                                                                                                                      | 4mA                                                                | Current - Output                 | 3A                                            |
| Control Features                                                                                                                                                                                                                                                                                                                                                                                                              | Enable                                                             | Base Part Number                 | LP3856                                        |
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| RELATED PRODUCTS                                                                   |                                                                                                           |                                    |                |
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|  | Part#: <a href="#">LP38690DT-5.0/NOPB</a><br>Description: <a href="#">IC REG LINEAR 5V 1A TO252-3</a>     | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">LP3856ESX-ADJ/NOPB</a><br>Description: <a href="#">IC REG LIN POS ADJ 3A DDPAK</a>     | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LP38690DT-2.5</a><br>Description: <a href="#">IC REG LINEAR 2.5V 1A TO252-3</a>        | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LP3856ET-3.3</a><br>Description: <a href="#">IC REG LINEAR 3.3V 3A TO220-5</a>         | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LP3856ET-2.5</a><br>Description: <a href="#">IC REG LINEAR 2.5V 3A TO220-5</a>         | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">LP3856ESX-5.0/NOPB</a><br>Description: <a href="#">IC REG LIN 5V 3A DDPAK/TO263-5</a>  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">LP38690DT-5.0</a><br>Description: <a href="#">IC REG LINEAR 5V 1A TO252-3</a>          | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
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