

LP3856ESX-5.0



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**Part Number:** [LP3856ESX-5.0](#)

**Manufacturer:** N/A

**Description:** IC REG LIN 5V 3A DDPAK/TO263-5

**Data sheet:**

**RoHs Status:** Contains lead / RoHS non-compliant

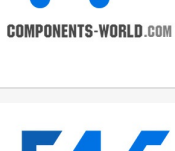
**Ship From:** Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                          |                                |                                                        |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|--------------------------------|--------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                              | LP3856ESX-5.0                                                            | Manufacturer                   | N/A                                                    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                              | IC REG LIN 5V 3A DDPAK/TO263-5                                           | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant                     |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                       | 5515 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        | DDPAK/TO-263-5                                         |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                   | -                                                                        | Protection Features            | Over Current, Over Temperature, Short Circuit          |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                | Tape & Reel (TR)                                                         | Package / Case                 | TO-263-6, D <sup>2</sup> Pak (5 Leads + Tab), TO-263BA |
| PSRR                                                                                                                                                                                                                                                                                                                                                                                                                     | 73dB ~ 57dB (120Hz)                                                      | Output Type                    | Fixed                                                  |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                     | Positive                                                                 | Operating Temperature          | -40°C ~ 125°C                                          |
| Number of Regulators                                                                                                                                                                                                                                                                                                                                                                                                     | 1                                                                        | Mounting Type                  | Surface Mount                                          |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                         | 3 (168 Hours)                                                            | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant                     |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                     | Linear Voltage Regulator IC Positive Fixed 1 Output 5V 3A DDPAK/TO-263-5 | Current - Supply (Max)         | 10mA                                                   |
| Current - Quiescent (Iq)                                                                                                                                                                                                                                                                                                                                                                                                 | 4mA                                                                      | Current - Output               | 3A                                                     |
| Control Features                                                                                                                                                                                                                                                                                                                                                                                                         | Enable                                                                   | Base Part Number               | LP3856                                                 |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all series electronic components. We have 5515 pieces of LP3856ESX-5.0 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> |                                                                          |                                |                                                        |

| RELATED PRODUCTS                                                                   |                                                                                            |                                    |                     |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|------------------------------------|---------------------|
|  | Part#: <a href="#">LP3856ESX-ADJ</a><br>Description: IC REG LIN POS ADJ 3A DDPAK           | Manufacturers: <a href="#">N/A</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LP3856ES-5.0/NOPB</a><br>Description: IC REG LIN 5V 3A DDPAK/TO263-5    | Manufacturers: <a href="#">N/A</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LP3856ET-2.5</a><br>Description: IC REG LINEAR 2.5V 3A TO220-5          | Manufacturers: <a href="#">N/A</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LP3856ESX-1.8/NOPB</a><br>Description: IC REG LIN 1.8V 3A DDPAK/TO263-5 | Manufacturers: <a href="#">N/A</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LP3856ESX-2.5/NOPB</a><br>Description: IC REG LIN 2.5V 3A DDPAK/TO263-5 | Manufacturers: <a href="#">N/A</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LP3856ES-5.0</a><br>Description: IC REG LIN 5V 3A DDPAK/TO263-5         | Manufacturers: <a href="#">N/A</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LP3856ET-1.8</a><br>Description: IC REG LINEAR 1.8V 3A TO220-5          | Manufacturers: <a href="#">N/A</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LP3856ET-3.3/NOPB</a><br>Description: IC REG LINEAR 3.3V 3A TO220-5     | Manufacturers: <a href="#">N/A</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LP3856ES-ADJ/NOPB</a><br>Description: IC REG LIN POS ADJ 3A DDPAK       | Manufacturers: <a href="#">N/A</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LP3856ET-5.0</a><br>Description: IC REG LINEAR 5V 3A TO220-5            | Manufacturers: <a href="#">N/A</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LP3856ESX-3.3</a><br>Description: IC REG LIN 3.3V 3A DDPAK/TO263-5      | Manufacturers: <a href="#">N/A</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LP3856ESX-2.5</a><br>Description: IC REG LIN 2.5V 3A DDPAK/TO263-5      | Manufacturers: <a href="#">N/A</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LP3856ESX-ADJ/NOPB</a><br>Description: IC REG LIN POS ADJ 3A DDPAK      | Manufacturers: <a href="#">N/A</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LP3856ET-3.3</a><br>Description: IC REG LINEAR 3.3V 3A TO220-5          | Manufacturers: <a href="#">N/A</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LP3856ESX-1.8</a><br>Description: IC REG LIN 1.8V 3A DDPAK/TO263-5      | Manufacturers: <a href="#">N/A</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LP3856ESX-5.0/NOPB</a><br>Description: IC REG LIN 5V 3A DDPAK/TO263-5   | Manufacturers: <a href="#">N/A</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LP3856ES-ADJ</a><br>Description: IC REG LIN POS ADJ 3A DDPAK            | Manufacturers: <a href="#">N/A</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LP3856ET-2.5/NOPB</a><br>Description: IC REG LINEAR 2.5V 3A TO220-5     | Manufacturers: <a href="#">N/A</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LP3856ESX-3.3/NOPB</a><br>Description: IC REG LIN 3.3V 3A DDPAK/TO263-5 | Manufacturers: <a href="#">N/A</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LP3856ET-1.8/NOPB</a><br>Description: IC REG LINEAR 1.8V 3A TO220-5     | Manufacturers: <a href="#">N/A</a> | <a href="#">RFQ</a> |

Related keywords for **LP3856ESX-5.0**

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