

LP3872ES-5.0



COMPONENTS-WORLD.COM

Part Number: [LP3872ES-5.0](#)

Manufacturer: [N/A](#)

Description: [IC REG LIN 5V 1.5A 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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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                            |                                |                                                        |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|--------------------------------|--------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                              | LP3872ES-5.0                                                               | Manufacturer                   | N/A                                                    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                              | IC REG LIN 5V 1.5A DDPAK/TO263-5                                           | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant                     |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                       | 25172 pcs                                                                  | Data sheet                     |                                                        |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                 | <a href="#">Integrated Circuits (ICs)</a>                                  | Voltage Dropout (Max)          | 0.55V @ 1.5A                                           |
| 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                                                                                                                                                                                                                                                                                                                                                                                                                | Tube                                                                       | 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 1.5A DDPAK/TO-263-5 | Current - Supply (Max)         | 15mA                                                   |
| Current - Quiescent (Iq)                                                                                                                                                                                                                                                                                                                                                                                                 | 5mA                                                                        | Current - Output               | 1.5A                                                   |
| Control Features                                                                                                                                                                                                                                                                                                                                                                                                         | Enable                                                                     | Base Part Number               | LP3872                                                 |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all series electronic components. We have 25172 pieces of LP3872ES-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="#">LP3872EMPX-3.3/NOPB</a><br>Description: <a href="#">IC REG LINEAR 3.3V 1.5A SOT223-5</a> | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LP3872ES-2.5/NOPB</a><br>Description: <a href="#">IC REG LIN 2.5V 1.5A DDPAK/TO263</a>   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LP3872EMPX-5.0/NOPB</a><br>Description: <a href="#">IC REG LINEAR 5V 1.5A SOT223-5</a>   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LP3872EMPX-3.3</a><br>Description: <a href="#">IC REG LINEAR 3.3V 1.5A SOT223-5</a>      | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LP3872ES-3.3/NOPB</a><br>Description: <a href="#">IC REG LIN 3.3V 1.5A DDPAK/TO263</a>   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LP3872ES-5.0/NOPB</a><br>Description: <a href="#">IC REG LIN 5V 1.5A DDPAK/TO263-5</a>   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LP3872ES-1.8</a><br>Description: <a href="#">IC REG LIN 1.8V 1.5A DDPAK/TO263</a>        | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LP3872ESX-3.3</a><br>Description: <a href="#">IC REG LIN 3.3V 1.5A DDPAK/TO263</a>       | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LP3872ET-1.8/NOPB</a><br>Description: <a href="#">IC REG LINEAR 1.8V 1.5A TO220-5</a>    | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LP3872ES-3.3</a><br>Description: <a href="#">IC REG LIN 3.3V 1.5A DDPAK/TO263</a>        | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LP3872ESX-5.0/NOPB</a><br>Description: <a href="#">IC REG LIN 5V 1.5A DDPAK/TO263-5</a>  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LP3872ESX-2.5</a><br>Description: <a href="#">IC REG LIN 2.5V 1.5A DDPAK/TO263</a>       | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LP3872ESX-5.0</a><br>Description: <a href="#">IC REG LIN 5V 1.5A DDPAK/TO263-5</a>       | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
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| Related keywords for LP3872ES-5.0 |                          |                       |                    |
|-----------------------------------|--------------------------|-----------------------|--------------------|
| LP3872ES-5.0                      | LP3872ES-5.0 distributor | LP3872ES-5.0 supplier | LP3872ES-5.0 price |
| LP3872ES-5.0 download datasheet   | LP3872ES-5.0 datasheet   | LP3872ES-5.0 stock    | buy LP3872ES-5.0   |