

LP3871ESX-2.5



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Part Number: [LP3871ESX-2.5](#)

Manufacturer: [N/A](#)

Description: [IC REG LIN 2.5V 800MA DDPAK](#)

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                                                                                                                                                                                                                                                                                                                                                                                                              | LP3871ESX-2.5                                                                 | Manufacturer                   | N/A                                                    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                              | IC REG LIN 2.5V 800MA DDPAK                                                   | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant                     |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                       | 6002 pcs                                                                      | Data sheet                     |                                                        |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                 | <a href="#">Integrated Circuits (ICs)</a>                                     | Voltage Dropout (Max)          | 0.35V @ 800mA                                          |
| Voltage - Output (Min/Fixed)                                                                                                                                                                                                                                                                                                                                                                                             | 2.5V                                                                          | 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 2.5V 800mA DDPAK/TO-263-5 | Current - Supply (Max)         | 15mA                                                   |
| Current - Quiescent (Iq)                                                                                                                                                                                                                                                                                                                                                                                                 | 5mA                                                                           | Current - Output               | 800mA                                                  |
| Control Features                                                                                                                                                                                                                                                                                                                                                                                                         | Enable                                                                        | Base Part Number               | LP3871                                                 |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all series electronic components. We have 6002 pieces of LP3871ESX-2.5 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="#">LP3871ESX-1.8/NOPB</a><br>Description: <a href="#">IC REG LIN 1.8V 800MA DDPAK</a>      | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LP3872EMP-1.8/NOPB</a><br>Description: <a href="#">IC REG LINEAR 1.8V 1.5A SOT223-5</a> | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LP3871ESX-5.0</a><br>Description: <a href="#">IC REG LIN 5V 800MA DDPAK</a>             | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LP3871ESX-2.5/NOPB</a><br>Description: <a href="#">IC REG LIN 2.5V 800MA DDPAK</a>      | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LP3871ET-1.8/NOPB</a><br>Description: <a href="#">IC REG LINEAR 1.8V 800MA TO220-5</a>  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LP3871ES-2.5</a><br>Description: <a href="#">IC REG LIN 2.5V 800MA DDPAK</a>            | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LP3871EMPX-5.0/NOPB</a><br>Description: <a href="#">IC REG LINEAR 5V 800MA SOT223-5</a> | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LP3871ET-3.3/NOPB</a><br>Description: <a href="#">IC REG LINEAR 3.3V 800MA TO220-5</a>  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LP3871ES-2.5/NOPB</a><br>Description: <a href="#">IC REG LIN 2.5V 800MA DDPAK</a>       | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LP3871ET-5.0/NOPB</a><br>Description: <a href="#">IC REG LINEAR 5V 800MA TO220-5</a>    | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LP3871ES-1.8/NOPB</a><br>Description: <a href="#">IC REG LIN 1.8V 800MA DDPAK</a>       | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LP3871ES-5.0/NOPB</a><br>Description: <a href="#">IC REG LIN 5V 800MA DDPAK/TO263</a>   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LP3871ES-1.8</a><br>Description: <a href="#">IC REG LIN 1.8V 800MA DDPAK</a>            | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LP3872EMP-1.8</a><br>Description: <a href="#">IC REG LINEAR 1.8V 1.5A SOT223-5</a>      | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LP3871ESX-1.8</a><br>Description: <a href="#">IC REG LIN 1.8V 800MA DDPAK</a>           | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">LP3871ESX-3.3</a><br>Description: <a href="#">IC REG LIN 3.3V 800MA DDPAK</a>           | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LP3871ESX-3.3/NOPB</a><br>Description: <a href="#">IC REG LIN 3.3V 800MA DDPAK</a>      | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LP3871ES-3.3</a><br>Description: <a href="#">IC REG LIN 3.3V 800MA DDPAK</a>            | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LP3871ET-2.5/NOPB</a><br>Description: <a href="#">IC REG LINEAR 2.5V 800MA TO220-5</a>  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |

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