

LD6836TD/27H,125



Part Number: [LD6836TD/27H,125](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC REG LINEAR 2.7V 300MA 5TSOP

Data sheet:  [LD6836 Series](#)

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                                                                                                                                                                                                                                                                                                                                                                                                                                | LD6836TD/27H,125                          | Manufacturer                     | <a href="#">NXP Semiconductors / Freescale</a>                        |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                | IC REG LINEAR 2.7V 300MA 5TSOP            | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                            |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                         | 4874 pcs                                  | Data sheet                       | <a href="#">LD6836 Series</a>                                         |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                   | <a href="#">Integrated Circuits (ICs)</a> | Voltage Dropout (Max)            | 0.2V @ 300mA                                                          |
| Voltage - Output (Min/Fixed)                                                                                                                                                                                                                                                                                                                                                                                                               | 2.7V                                      | Voltage - Output (Max)           | -                                                                     |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                                      | 5.5V                                      | Supplier Device Package          | 5-TSOP                                                                |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                     | -                                         | Protection Features              | Over Current, Over Temperature                                        |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                  | Tape & Reel (TR)                          | Package / Case                   | SC-74A, SOT-753                                                       |
| PSRR                                                                                                                                                                                                                                                                                                                                                                                                                                       | 55dB (1kHz)                               | Output Type                      | Fixed                                                                 |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                                       | Positive                                  | Other Names                      | 934066828125                                                          |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                      | -40°C ~ 85°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 2.7V 300mA 5-TSOP |
| Current - Supply (Max)                                                                                                                                                                                                                                                                                                                                                                                                                     | 250µA                                     | Current - Quiescent (Iq)         | 100µA                                                                 |
| Current - Output                                                                                                                                                                                                                                                                                                                                                                                                                           | 300mA                                     | Control Features                 | Enable                                                                |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                           | LD6836                                    |                                  |                                                                       |
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|  | Part#: <a href="#">LD6836TD/20P,125</a><br>Description: IC REG LINEAR 2V 300MA 5TSOP   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">LD6836TD/30P,125</a><br>Description: IC REG LINEAR 3V 300MA 5TSOP   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LD6836TD/29P,125</a><br>Description: IC REG LINEAR 2.9V 300MA 5TSOP | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LD6836TD/29H,125</a><br>Description: IC REG LINEAR 2.9V 300MA 5TSOP | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LD6836TD/36H,125</a><br>Description: IC REG LINEAR 3.6V 300MA 5TSOP | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LD6836TD/21P,125</a><br>Description: IC REG LINEAR 2.1V 300MA 5TSOP | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">LD6836TD/22P,125</a><br>Description: IC REG LINEAR 2.2V 300MA 5TSOP | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
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