

LDLN025J32R





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Part Number: [LDLN025J32R](#)

Manufacturer: [STMicroelectronics](#)

Description: IC REG LIN 3.2V 250MA 4FLIPCHIP

Data sheet:  [Power Mgmt Guide Brochure](#)  
 [LDLN025](#)  
 [Power Management Handheld,Portable Guide](#)

RoHs Status: Lead free / RoHS Compliant

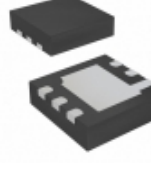
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                           |                                  |                                                                                                                                  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                    | LDLN025J32R                                                               | Manufacturer                     | <a href="#">STMicroelectronics</a>                                                                                               |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                    | IC REG LIN 3.2V 250MA 4FLIPCHIP                                           | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                       |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                             | 218768 pcs                                                                | Data sheet                       | <a href="#">Power Mgmt Guide Brochure</a><br><a href="#">LDLN025</a><br><a href="#">Power Management Handheld,Portable Guide</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <a href="#">Integrated Circuits (ICs)</a>                                 | Voltage Dropout (Max)            | 0.2V @ 250mA                                                                                                                     |
| Voltage - Output (Min/Fixed)                                                                                                                                                                                                                                                                                                                                                                                                                                   | 3.2V                                                                      | Voltage - Output (Max)           | -                                                                                                                                |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                          | 5.5V                                                                      | Supplier Device Package          | 4-FlipChip                                                                                                                       |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                         | -                                                                         | Protection Features              | Over Current, Over Temperature, Short Circuit, Soft Start                                                                        |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Tape & Reel (TR)                                                          | Package / Case                   | 4-XFBGA, FCBGA                                                                                                                   |
| PSRR                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 80dB ~ 60dB (100Hz ~ 100KHz)                                              | Output Type                      | Fixed                                                                                                                            |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                           | Positive                                                                  | Other Names                      | 497-17040-2                                                                                                                      |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                          | -40°C ~ 125°C (TJ)                                                        | Number of Regulators             | 1                                                                                                                                |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Surface Mount                                                             | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                                                                                                    |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                                | 38 Weeks                                                                  | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                       |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                           | Linear Voltage Regulator IC Positive Fixed 1 Output 3.2V 250mA 4-FlipChip | Current - Supply (Max)           | 425µA                                                                                                                            |
| Current - Quiescent (Iq)                                                                                                                                                                                                                                                                                                                                                                                                                                       | 25µA                                                                      | Current - Output                 | 250mA                                                                                                                            |
| Control Features                                                                                                                                                                                                                                                                                                                                                                                                                                               | Enable                                                                    |                                  |                                                                                                                                  |
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|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------|----------------|
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|  | Part#: <a href="#">LDLN025M25R</a><br>Description: IC REG LINEAR 2.5V 250MA SOT23-5  | Manufacturers: <a href="#">STMicroelectronics</a> | <div>RFQ</div> |
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