

LDLN025J12R





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Part Number: [LDLN025J12R](#)

Manufacturer: [STMicroelectronics](#)

Description: IC REG LIN 1.2V 250MA 4FLIPCHIP

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

RoHs Status: Lead free / RoHS Compliant

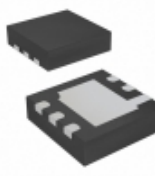
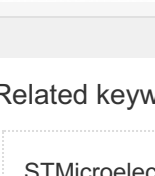
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                           |                                  |                                                                                                                                  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                    | LDLN025J12R                               | Manufacturer                     | <a href="#">STMicroelectronics</a>                                                                                               |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                    | IC REG LIN 1.2V 250MA 4FLIPCHIP           | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                       |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                             | 330374 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)                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1.2V                                      | Voltage - Output (Max)           | -                                                                                                                                |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                          | 5.5V                                      | Supplier Device Package          | 4-FlipChip (0.63x0.63)                                                                                                           |
| 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                      | 497-17706-2<br>LDLN025J12R-ND                                                                                                    |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                          | -40°C ~ 125°C (TJ)                        | 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 1 Output 250mA 4-FlipChip (0.63x0.63)                                                                |
| Current - Supply (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                         | 425µA                                     | Current - Quiescent (Iq)         | 25µA                                                                                                                             |
| Current - Output                                                                                                                                                                                                                                                                                                                                                                                                                                               | 250mA                                     | Control Features                 | Enable                                                                                                                           |
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