



LDLN025PU12R

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | LDLN025PU12R                                                                                                 |
| Manufacturer/Brand: | STMicroelectronics                                                                                           |
| Product description | IC REG LINEAR 1.2V 250MA 4DFN                                                                                |
| Datasheets:         |  1.LDLN025PU12R.pdf         |
|                     |  2.LDLN025PU12R.pdf         |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 211540 pcs stock                                                                                             |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of LDLN025PU12R

|                                  |                                                                                                                                                                                                                  |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | LDLN025PU12R                                                                                                                                                                                                     |
| MANUFACTURER                     | STMicroelectronics                                                                                                                                                                                               |
| DESCRIPTION                      | IC REG LINEAR 1.2V 250MA 4DFN                                                                                                                                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                       |
| QUANTITY AVAILABLE               | 211540 pcs                                                                                                                                                                                                       |
| DATA SHEET                       |  1.LDLN025PU12R.pdf<br> 2.LDLN025PU12R.pdf |
| VOLTAGE DROPOUT (MAX)            | 0.25V @ 250mA                                                                                                                                                                                                    |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 1.2V                                                                                                                                                                                                             |
| VOLTAGE - OUTPUT (MAX)           | -                                                                                                                                                                                                                |
| VOLTAGE - INPUT (MAX)            | 5.5V                                                                                                                                                                                                             |
| SUPPLIER DEVICE PACKAGE          | 4-DFN (1x1)                                                                                                                                                                                                      |
| SERIES                           | -                                                                                                                                                                                                                |
| PROTECTION FEATURES              | Over Current, Over Temperature, Short Circuit, Soft Start                                                                                                                                                        |
| PACKAGING                        | Cut Tape (CT)                                                                                                                                                                                                    |
| PACKAGE / CASE                   | 4-XDFN Exposed Pad                                                                                                                                                                                               |
| PSRR                             | 80dB ~ 60dB (100Hz ~ 100KHz)                                                                                                                                                                                     |
| OUTPUT TYPE                      | Fixed                                                                                                                                                                                                            |
| OUTPUT CONFIGURATION             | Positive                                                                                                                                                                                                         |
| OTHER NAMES                      | 497-17646-1                                                                                                                                                                                                      |
| 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-DFN (1x1)                                                                                                                                                           |
| CURRENT - SUPPLY (MAX)           | 425µA                                                                                                                                                                                                            |
| CURRENT - QUIESCENT (IQ)         | 25µA                                                                                                                                                                                                             |
| CURRENT - OUTPUT                 | 250mA                                                                                                                                                                                                            |
| CONTROL FEATURES                 | Enable                                                                                                                                                                                                           |

Related Tags

|                                 |                                 |                                     |
|---------------------------------|---------------------------------|-------------------------------------|
| STMicroelectronics LDLN025PU12R | LDLN025PU12R Distributor        | LDLN025PU12R Supplier               |
| LDLN025PU12R Price              | LDLN025PU12R Pictures           | LDLN025PU12R Image                  |
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| STMicroelectronics LDLN025PU12R | STMicroelectronics Supplier     | STMicroelectronics Distributor      |
| STMicroelectronics LDLN025PU12R |                                 |                                     |

Related Products

|                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                         |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>LDLN025M33R</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG LINEAR 3.3V 250MA SOT23-5<br/>In stock: 298379 pcs<br/><div>RFQ</div></div> |  <div><b>LDLN025PU30R</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG LINEAR 3V 250MA 4DFN<br/>In stock: 280466 pcs<br/><div>RFQ</div></div>       |
|  <div><b>LDLN025M30R</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG LINEAR 3V 250MA SOT23-5<br/>In stock: 248523 pcs<br/><div>RFQ</div></div>   |  <div><b>LDLN025PU275R</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG LIN 2.75V 250MA 4FLIPCHIP<br/>In stock: 100592 pcs<br/><div>RFQ</div></div> |
|  <div><b>LDLN025PU25R</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG LINEAR 2.5V 250MA 4DFN<br/>In stock: 99870 pcs<br/><div>RFQ</div></div>    |  <div><b>LDLN025PU29R</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG LINEAR 2.9V 250MA 4DFN<br/>In stock: 108748 pcs<br/><div>RFQ</div></div>     |
|  <div><b>LDLN025PU28R</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG LINEAR 2.8V 250MA 4DFN<br/>In stock: 115671 pcs<br/><div>RFQ</div></div>   |  <div><b>LDLN025M45R</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG LINEAR 4.5V 250MA SOT23-5<br/>In stock: 114288 pcs<br/><div>RFQ</div></div>   |
|  <div><b>LDLN025PU18R</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG LINEAR 1.8V 250MA 4DFN<br/>In stock: 100896 pcs<br/><div>RFQ</div></div>   |  <div><b>LDLN025M28R</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG LINEAR 2.8V 250MA SOT23-5<br/>In stock: 95867 pcs<br/><div>RFQ</div></div>    |
|  <div><b>LDLN025M25R</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG LINEAR 2.5V 250MA SOT23-5<br/>In stock: 237865 pcs<br/><div>RFQ</div></div> |  <div><b>LDLN025M18R</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG LINEAR 1.8V 250MA SOT23-5<br/>In stock: 190716 pcs<br/><div>RFQ</div></div>   |