



LDL112D18R

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | LDL112D18R                                                                                                   |
| Manufacturer/Brand: | STMicroelectronics                                                                                           |
| Product description | IC REG LINEAR 1.8V 1.2A 8SO                                                                                  |
| Datasheets:         |  1.LDL112D18R.pdf           |
|                     |  2.LDL112D18R.pdf           |
|                     |  3.LDL112D18R.pdf           |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 294828 pcs stock                                                                                             |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

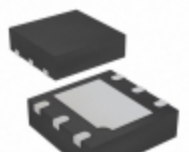
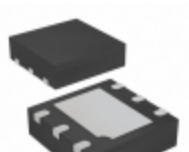
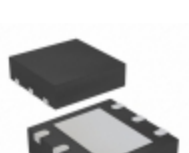
Specifications of LDL112D18R

|                                  |                                                                                                                                                                                                                                                                                                                      |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | LDL112D18R                                                                                                                                                                                                                                                                                                           |
| MANUFACTURER                     | STMicroelectronics                                                                                                                                                                                                                                                                                                   |
| DESCRIPTION                      | IC REG LINEAR 1.8V 1.2A 8SO                                                                                                                                                                                                                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                           |
| QUANTITY AVAILABLE               | 294828 pcs                                                                                                                                                                                                                                                                                                           |
| DATA SHEET                       |  1.LDL112D18R.pdf<br> 2.LDL112D18R.pdf<br> 3.LDL112D18R.pdf |
| VOLTAGE DROPOUT (MAX)            | 0.6V @ 1.2A                                                                                                                                                                                                                                                                                                          |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 1.8V                                                                                                                                                                                                                                                                                                                 |
| VOLTAGE - OUTPUT (MAX)           | -                                                                                                                                                                                                                                                                                                                    |
| VOLTAGE - INPUT (MAX)            | 5.5V                                                                                                                                                                                                                                                                                                                 |
| SUPPLIER DEVICE PACKAGE          | 8-SO                                                                                                                                                                                                                                                                                                                 |
| SERIES                           | -                                                                                                                                                                                                                                                                                                                    |
| PROTECTION FEATURES              | Over Current, Over Temperature, Reverse Polarity                                                                                                                                                                                                                                                                     |
| PACKAGING                        | Tape & Reel (TR)                                                                                                                                                                                                                                                                                                     |
| PACKAGE / CASE                   | 8-SOIC (0.154", 3.90mm Width)                                                                                                                                                                                                                                                                                        |
| PSRR                             | 57dB (1kHz)                                                                                                                                                                                                                                                                                                          |
| OUTPUT TYPE                      | Fixed                                                                                                                                                                                                                                                                                                                |
| OUTPUT CONFIGURATION             | Positive                                                                                                                                                                                                                                                                                                             |
| 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 Positive Fixed 1 Output 1.8V 1.2A 8-SO                                                                                                                                                                                                                                                   |
| CURRENT - SUPPLY (MAX)           | 400µA                                                                                                                                                                                                                                                                                                                |
| CURRENT - QUIESCENT (IQ)         | 70µA                                                                                                                                                                                                                                                                                                                 |
| CURRENT - OUTPUT                 | 1.2A                                                                                                                                                                                                                                                                                                                 |
| CONTROL FEATURES                 | Enable                                                                                                                                                                                                                                                                                                               |

Related Tags

|                               |                               |                                   |
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| STMicroelectronics LDL112D18R | LDL112D18R Distributor        | LDL112D18R Supplier               |
| LDL112D18R Price              | LDL112D18R Pictures           | LDL112D18R Image                  |
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Related Products

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|  <div><b>LDL1117S50R</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG LINEAR 5V 1.2A SOT223<br/>In stock: 726908 pcs<br/><b>RFQ</b></div>   |  <div><b>LDL1117S33R</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG LINEAR 3.3V 1.2A SOT223<br/>In stock: 827767 pcs<br/><b>RFQ</b></div>  |
|  <div><b>LDL112D10R</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG LINEAR 1V 1.2A 8SOIC<br/>In stock: 90135 pcs<br/><b>RFQ</b></div>      |  <div><b>LDL1117S30R</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG LINEAR 3V 1.2A SOT223<br/>In stock: 861489 pcs<br/><b>RFQ</b></div>    |
|  <div><b>LDL112PU12R</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG LINEAR 1.2V 1.2A 6DFN<br/>In stock: 123353 pcs<br/><b>RFQ</b></div>   |  <div><b>LDL112PT-TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG LINEAR POS ADJ 1.2A PPAK<br/>In stock: 333945 pcs<br/><b>RFQ</b></div> |
|  <div><b>LDL112DR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG LINEAR POS ADJ 1.2A 8SO<br/>In stock: 288721 pcs<br/><b>RFQ</b></div>    |  <div><b>LDL112PU18R</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG LINEAR 1.8V 1.2A 6DFN<br/>In stock: 284576 pcs<br/><b>RFQ</b></div>    |
|  <div><b>LDL1117S25R</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG LINEAR 2.5V 1.2A SOT223<br/>In stock: 790512 pcs<br/><b>RFQ</b></div> |  <div><b>LDL112D33R</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG LINEAR 3.3V 1.2A 8SO<br/>In stock: 283279 pcs<br/><b>RFQ</b></div>      |
|  <div><b>LDL112D12R</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG LINEAR 1.2V 1.2A 8SO<br/>In stock: 130694 pcs<br/><b>RFQ</b></div>     |  <div><b>LDL112PU10R</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG LINEAR 1V 1.2A 6DFN<br/>In stock: 114458 pcs<br/><b>RFQ</b></div>      |