



LD39300DT18-R

|                     |                                                                                                                     |
|---------------------|---------------------------------------------------------------------------------------------------------------------|
| Part Number:        | LD39300DT18-R                                                                                                       |
| Manufacturer/Brand: | STMicroelectronics                                                                                                  |
| Product description | IC REG LINEAR 1.8V 3A DPAK                                                                                          |
| Datasheets:         |  <a href="#">LD39300DT18-R.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant        |
| Stock Condition     | 4538 pcs stock                                                                                                      |
| Ship From           | Hong Kong                                                                                                           |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                               |

REQUEST FOR QUOTATION

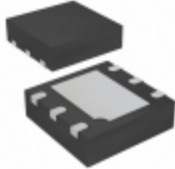
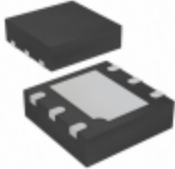
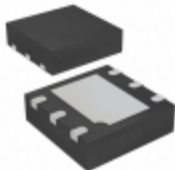
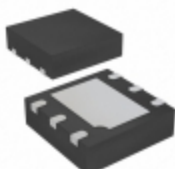
Specifications of LD39300DT18-R

|                                  |                                                                                                                       |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | LD39300DT18-R                                                                                                         |
| MANUFACTURER                     | STMicroelectronics                                                                                                    |
| DESCRIPTION                      | IC REG LINEAR 1.8V 3A DPAK                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                            |
| QUANTITY AVAILABLE               | 4538 pcs                                                                                                              |
| DATA SHEET                       |  <a href="#">LD39300DT18-R.pdf</a> |
| VOLTAGE DROPOUT (MAX)            | 0.4V @ 3A                                                                                                             |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 1.8V                                                                                                                  |
| VOLTAGE - OUTPUT (MAX)           | -                                                                                                                     |
| VOLTAGE - INPUT (MAX)            | 6V                                                                                                                    |
| SUPPLIER DEVICE PACKAGE          | DPAK                                                                                                                  |
| SERIES                           | -                                                                                                                     |
| PROTECTION FEATURES              | Over Current, Over Temperature                                                                                        |
| PACKAGING                        | Tape & Reel (TR)                                                                                                      |
| PACKAGE / CASE                   | TO-252-3, DPak (2 Leads + Tab), SC-63                                                                                 |
| PSRR                             | 65dB ~ 55dB (120Hz ~ 1kHz)                                                                                            |
| OUTPUT TYPE                      | Fixed                                                                                                                 |
| OUTPUT CONFIGURATION             | Positive                                                                                                              |
| OTHER NAMES                      | 497-6873-2<br>LD39300DT18-R-ND<br>LD39300DT18R                                                                        |
| OPERATING TEMPERATURE            | -40°C ~ 125°C                                                                                                         |
| NUMBER OF REGULATORS             | 1                                                                                                                     |
| MOUNTING TYPE                    | Surface Mount                                                                                                         |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                            |
| DETAILED DESCRIPTION             | Linear Voltage Regulator IC Positive Fixed 1 Output 1.8V 3A DPAK                                                      |
| CURRENT - SUPPLY (MAX)           | 2.5mA                                                                                                                 |
| CURRENT - QUIESCENT (IQ)         | 5µA                                                                                                                   |
| CURRENT - OUTPUT                 | 3A                                                                                                                    |
| CONTROL FEATURES                 | Enable                                                                                                                |
| BASE PART NUMBER                 | LD39300                                                                                                               |

Related Tags

|                                  |                                  |                                      |
|----------------------------------|----------------------------------|--------------------------------------|
| STMicroelectronics LD39300DT18-R | LD39300DT18-R Distributor        | LD39300DT18-R Supplier               |
| LD39300DT18-R Price              | LD39300DT18-R Pictures           | LD39300DT18-R Image                  |
| LD39300DT18-R PDF Datasheet      | LD39300DT18-R Download Datasheet | LD39300DT18-R Datasheet              |
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| STMicroelectronics LD39300DT18-R | STMicroelectronics Supplier      | STMicroelectronics Distributor       |
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Related Products

|                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>LD39300PT33-R</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG LINEAR 3.3V 3A PPAK<br/>In stock: 57789 pcs</div> <div>RFQ</div>    |  <div><b>LD39300DT33-R</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG LINEAR 3.3V 3A DPAK<br/>In stock: 112419 pcs</div> <div>RFQ</div>  |
|  <div><b>LD39200PUR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG LINEAR POS ADJ 2A 6DFN<br/>In stock: 279648 pcs</div> <div>RFQ</div>   |  <div><b>LD39200PU33R</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG LINEAR 3.3V 2A 6DFN<br/>In stock: 96272 pcs</div> <div>RFQ</div>    |
|  <div><b>LD39150PU-R</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG LINEAR POS ADJ 1.5A 6DFN<br/>In stock: 69105 pcs</div> <div>RFQ</div> |  <div><b>LD39200DPUR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG LINEAR POS ADJ 2A 8DFN<br/>In stock: 117470 pcs</div> <div>RFQ</div> |
|  <div><b>LD39300DT25-R</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG LINEAR 2.5V 3A DPAK<br/>In stock: 53143 pcs</div> <div>RFQ</div>    |  <div><b>LD39300DT12-R</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG LINEAR 1.22V 3A DPAK<br/>In stock: 188233 pcs</div> <div>RFQ</div> |
|  <div><b>LD39300PT18-R</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG LINEAR 1.8V 3A PPAK<br/>In stock: 59872 pcs</div> <div>RFQ</div>    |  <div><b>LD39300PT25-R</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG LINEAR 2.5V 3A PPAK<br/>In stock: 58160 pcs</div> <div>RFQ</div>   |
|  <div><b>LD39150PU33R</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG LINEAR 3.3V 1.5A 6DFN<br/>In stock: 199010 pcs</div> <div>RFQ</div>  |  <div><b>LD39300PT-R</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG LINEAR POS ADJ 3A PPAK<br/>In stock: 137386 pcs</div> <div>RFQ</div> |