



STMicroelectronics



L6491DTR

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | L6491DTR                                                                                                     |
| Manufacturer/Brand: | STMicroelectronics                                                                                           |
| Product description | IC GATE DVR 4A HIGH/LOW 14SOIC                                                                               |
| Datasheets:         |  L6491DTR.pdf               |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 113306 pcs stock                                                                                             |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of L6491DTR

|                                      |                                                                                                  |
|--------------------------------------|--------------------------------------------------------------------------------------------------|
| PART NUMBER                          | L6491DTR                                                                                         |
| MANUFACTURER                         | STMicroelectronics                                                                               |
| DESCRIPTION                          | IC GATE DVR 4A HIGH/LOW 14SOIC                                                                   |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                                                                       |
| QUANTITY AVAILABLE                   | 113306 pcs                                                                                       |
| DATA SHEET                           |  L6491DTR.pdf |
| VOLTAGE - SUPPLY                     | 10 V ~ 20 V                                                                                      |
| SERIES                               | -                                                                                                |
| RISE / FALL TIME (TYP)               | 15ns, 15ns                                                                                       |
| PACKAGING                            | Tape & Reel (TR)                                                                                 |
| OPERATING TEMPERATURE                | -40°C ~ 125°C (TJ)                                                                               |
| MOISTURE SENSITIVITY LEVEL (MSL)     | 3 (168 Hours)                                                                                    |
| LOGIC VOLTAGE - VIL, VIH             | 1.45V, 2V                                                                                        |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                                                                       |
| INPUT TYPE                           | Non-Inverting                                                                                    |
| HIGH SIDE VOLTAGE - MAX (BOOTSTRAP)  | 600V                                                                                             |
| GATE TYPE                            | IGBT, N-Channel MOSFET                                                                           |
| DRIVEN CONFIGURATION                 | Half-Bridge                                                                                      |
| DETAILED DESCRIPTION                 | Half-Bridge Gate Driver IC Non-Inverting                                                         |
| CURRENT - PEAK OUTPUT (SOURCE, SINK) | 4A, 4A                                                                                           |
| CHANNEL TYPE                         | Independent                                                                                      |

Related Tags

|                             |                             |                                 |
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| STMicroelectronics L6491DTR | L6491DTR Distributor        | L6491DTR Supplier               |
| L6491DTR Price              | L6491DTR Pictures           | L6491DTR Image                  |
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Related Products

|                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                               |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>L6474PDTR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MOTOR DRIVER SPI 36POWER<br/>In stock: 15198 pcs<br/><b>RFQ</b></div> |  <div><b>L6498D</b><br/>Manufacturers: STMicroelectronics<br/>Description: PWR MGMT MOSFET/PWR DRIVER<br/>In stock: 62675 pcs<br/><b>RFQ</b></div>         |
|  <div><b>L6494LTR</b><br/>Manufacturers: STMicroelectronics<br/>Description: PWR MGMT MOSFET/PWR DRIVER<br/>In stock: 133212 pcs<br/><b>RFQ</b></div>  |  <div><b>L6480HTR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MOTOR CONTROLLER SPI 38HTSSOP<br/>In stock: 29742 pcs<br/><b>RFQ</b></div> |
|  <div><b>L6494LDTR</b><br/>Manufacturers: STMicroelectronics<br/>Description: PWR MGMT MOSFET/PWR DRIVER<br/>In stock: 122529 pcs<br/><b>RFQ</b></div> |  <div><b>L6482HTR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MOTOR CONTROLLER SPI 38HTSSOP<br/>In stock: 25176 pcs<br/><b>RFQ</b></div> |
|  <div><b>L6498DTR</b><br/>Manufacturers: STMicroelectronics<br/>Description: PWR MGMT MOSFET/PWR DRIVER<br/>In stock: 128516 pcs<br/><b>RFQ</b></div>  |  <div><b>L6491D</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC GATE DVR 4A HIGH/LOW 14SOIC<br/>In stock: 39059 pcs<br/><b>RFQ</b></div>     |
|  <div><b>L6494LD</b><br/>Manufacturers: STMicroelectronics<br/>Description: PWR MGMT MOSFET/PWR DRIVER<br/>In stock: 51326 pcs<br/><b>RFQ</b></div>    |  <div><b>L6482H</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MOTOR CONTROLLER SPI 38HTSSOP<br/>In stock: 17681 pcs<br/><b>RFQ</b></div>   |
|  <div><b>L6494L</b><br/>Manufacturers: STMicroelectronics<br/>Description: PWR MGMT MOSFET/PWR DRIVER<br/>In stock: 105527 pcs<br/><b>RFQ</b></div>    |  <div><b>L6480H</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MOTOR CONTROLLER SPI 38HTSSOP<br/>In stock: 14715 pcs<br/><b>RFQ</b></div>   |