



LPR510AL

|                     |                                                                                                                |
|---------------------|----------------------------------------------------------------------------------------------------------------|
| Part Number:        | LPR510AL                                                                                                       |
| Manufacturer/Brand: | STMicroelectronics                                                                                             |
| Product description | GYROSCOPE DUAL AXIS 16-LGA                                                                                     |
| Datasheets:         |  <a href="#">LPR510AL.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant   |
| Stock Condition     | 18631 pcs stock                                                                                                |
| Ship From           | Hong Kong                                                                                                      |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                          |

REQUEST FOR QUOTATION

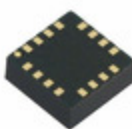
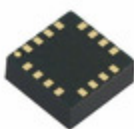
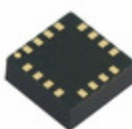
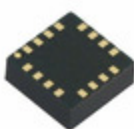
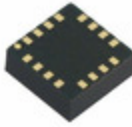
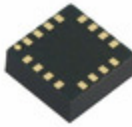
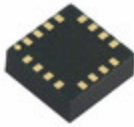
Specifications of LPR510AL

|                                  |                                                                                                                  |
|----------------------------------|------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | LPR510AL                                                                                                         |
| MANUFACTURER                     | STMicroelectronics                                                                                               |
| DESCRIPTION                      | GYROSCOPE DUAL AXIS 16-LGA                                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                       |
| QUANTITY AVAILABLE               | 18631 pcs                                                                                                        |
| DATA SHEET                       |  <a href="#">LPR510AL.pdf</a> |
| VOLTAGE - SUPPLY                 | 2.7 V ~ 3.6 V                                                                                                    |
| TYPE                             | Analog                                                                                                           |
| SERIES                           | -                                                                                                                |
| SENSITIVITY (MV/°S)              | 10                                                                                                               |
| SENSITIVITY (LSB/(°S))           | -                                                                                                                |
| RANGE °/S                        | ±100                                                                                                             |
| PACKAGING                        | Tray                                                                                                             |
| PACKAGE / CASE                   | 16-LFLGA                                                                                                         |
| OUTPUT TYPE                      | Analog Voltage                                                                                                   |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                       |
| FEATURES                         | -                                                                                                                |
| DETAILED DESCRIPTION             | Gyroscope X (Pitch), Y (Roll) ±100 140Hz Analog Voltage 16-LGA (5x5)                                             |
| CURRENT - SUPPLY                 | 6.8mA                                                                                                            |
| BANDWIDTH                        | 140Hz                                                                                                            |
| AXIS                             | X (Pitch), Y (Roll)                                                                                              |

Related Tags

|                             |                             |                                 |
|-----------------------------|-----------------------------|---------------------------------|
| STMicroelectronics LPR510AL | LPR510AL Distributor        | LPR510AL Supplier               |
| LPR510AL Price              | LPR510AL Pictures           | LPR510AL Image                  |
| LPR510AL PDF Datasheet      | LPR510AL Download Datasheet | LPR510AL Datasheet              |
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| STMicroelectronics LPR510AL | STMicroelectronics Supplier | STMicroelectronics Distributor  |
| STMicroelectronics LPR510AL |                             |                                 |

Related Products

|                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                               |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>LPR510ALTR</b><br/>Manufacturers: STMicroelectronics<br/>Description: GYROSCOPE MEMS DUAL AXIS 16-LGA<br/>In stock: 10593 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>LPR503ALTR</b><br/>Manufacturers: STMicroelectronics<br/>Description: GYROSCOPE MEMS DUAL AXIS 16-LGA<br/>In stock: 16172 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>LPR5-1250-3000FP</b><br/>Manufacturers: Bivar, Inc.<br/>Description: LIGHT PIPE RIGID RA 4.93MM DIA<br/>In stock: 43866 pcs<br/><div>RFQ</div></div>   | <div></div> <div><b>LPR5-1250-2500FP</b><br/>Manufacturers: Bivar, Inc.<br/>Description: LIGHT PIPE RIGID RA 4.93MM DIA<br/>In stock: 48632 pcs<br/><div>RFQ</div></div>   |
| <div></div> <div><b>LPR550AL</b><br/>Manufacturers: STMicroelectronics<br/>Description: GYROSCOPE DUAL AXIS 16-LGA<br/>In stock: 18895 pcs<br/><div>RFQ</div></div>        | <div></div> <div><b>LPR5150AL</b><br/>Manufacturers: STMicroelectronics<br/>Description: GYROSCOPE DUAL AXIS 16-LGA<br/>In stock: 18372 pcs<br/><div>RFQ</div></div>       |
| <div></div> <div><b>LPR530ALTR</b><br/>Manufacturers: STMicroelectronics<br/>Description: GYROSCOPE MEMS DUAL AXIS 16-LGA<br/>In stock: 5420 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>LPR5-1250-3000DP</b><br/>Manufacturers: Bivar, Inc.<br/>Description: LIGHT PIPE RIGID RA 4.93MM DIA<br/>In stock: 46683 pcs<br/><div>RFQ</div></div>   |
| <div></div> <div><b>LPR5-1250-2500DP</b><br/>Manufacturers: Bivar, Inc.<br/>Description: LIGHT PIPE RIGID RA 4.93MM DIA<br/>In stock: 36138 pcs<br/><div>RFQ</div></div>   | <div></div> <div><b>LPR530AL</b><br/>Manufacturers: STMicroelectronics<br/>Description: GYROSCOPE DUAL AXIS 16-LGA<br/>In stock: 21086 pcs<br/><div>RFQ</div></div>        |
| <div></div> <div><b>LPR503AL</b><br/>Manufacturers: STMicroelectronics<br/>Description: GYROSCOPE DUAL AXIS 16-LGA<br/>In stock: 21508 pcs<br/><div>RFQ</div></div>        | <div></div> <div><b>LPR5150ALTR</b><br/>Manufacturers: STMicroelectronics<br/>Description: GYROSCOPE MEMS DUAL AXIS 16-LGA<br/>In stock: 9793 pcs<br/><div>RFQ</div></div> |