



Image may be representation. See specifications for product details.

STG4160BJR

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | STG4160BJR                                                                                                   |
| Manufacturer/Brand: | STMicroelectronics                                                                                           |
| Product description | IC SWITCH SGL SPDT 2:1 8FLIPCHIP                                                                             |
| Datasheets:         | <a href="#">PDF STG4160BJR.pdf</a>                                                                           |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

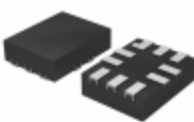
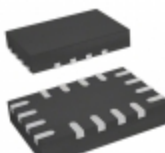
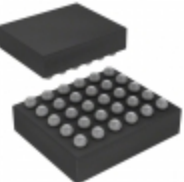
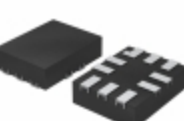
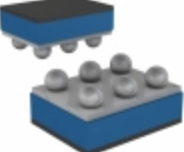
Specifications of STG4160BJR

|                                        |                                             |
|----------------------------------------|---------------------------------------------|
| PART NUMBER                            | STG4160BJR                                  |
| MANUFACTURER                           | STMicroelectronics                          |
| DESCRIPTION                            | IC SWITCH SGL SPDT 2:1 8FLIPCHIP            |
| LEAD FREE STATUS / ROHS STATUS         | Lead free / RoHS Compliant                  |
| DATA SHEET                             | <a href="#">PDF STG4160BJR.pdf</a>          |
| VOLTAGE - SUPPLY, SINGLE (V+)          | 1.65 V ~ 4.8 V                              |
| VOLTAGE - SUPPLY, DUAL (V±)            | -                                           |
| SWITCH TIME (TON, TOFF) (MAX)          | 38ns, 38ns                                  |
| SWITCH CIRCUIT                         | SPDT                                        |
| SUPPLIER DEVICE PACKAGE                | 8-FlipChip                                  |
| SERIES                                 | -                                           |
| PACKAGING                              | Tape & Reel (TR)                            |
| PACKAGE / CASE                         | 8-UFBGA, FCBGA                              |
| OTHER NAMES                            | 497-11974-2                                 |
| OPERATING TEMPERATURE                  | -40°C ~ 85°C (TA)                           |
| ON-STATE RESISTANCE (MAX)              | 500 mOhm                                    |
| NUMBER OF CIRCUITS                     | 1                                           |
| MULTIPLEXER/DEMULTIPLEXER CIRCUIT      | 2:1                                         |
| MOISTURE SENSITIVITY LEVEL (MSL)       | 1 (Unlimited)                               |
| MANUFACTURER STANDARD LEAD TIME        | 38 Weeks                                    |
| LEAD FREE STATUS / ROHS STATUS         | Lead free / RoHS Compliant                  |
| DETAILED DESCRIPTION                   | 1 Circuit IC Switch 2:1 500 mOhm 8-FlipChip |
| CURRENT - LEAKAGE (IS(OFF)) (MAX)      | 30nA                                        |
| CROSSTALK                              | -67dB @ 1MHz                                |
| CHARGE INJECTION                       | 162pC                                       |
| CHANNEL-TO-CHANNEL MATCHING (ΔRON)     | 10 mOhm                                     |
| CHANNEL CAPACITANCE (CS(OFF), CD(OFF)) | 30pF                                        |
| BASE PART NUMBER                       | STG4160                                     |
| -3DB BANDWIDTH                         | 50MHz                                       |

Related Tags

|                               |                               |                                   |
|-------------------------------|-------------------------------|-----------------------------------|
| STMicroelectronics STG4160BJR | STG4160BJR Distributor        | STG4160BJR Supplier               |
| STG4160BJR Price              | STG4160BJR Pictures           | STG4160BJR Image                  |
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Related Products

|                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p><b>STG4260BJR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC SWITCH DUAL SPDT 12FLIPCHIP<br/>In stock: Out stock</p> <p>RFQ</p>   |  <p><b>STG5223QTR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC SWITCH DUAL SPDT 10QFN<br/>In stock: Out stock</p> <p>RFQ</p>      |
|  <p><b>STG5123DTR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC SWITCH SPDT 6DFN<br/>In stock: Out stock</p> <p>RFQ</p>              |  <p><b>STG4159BJR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC SWITCH SPDT 7CLIPCHIP<br/>In stock: Out stock</p> <p>RFQ</p>       |
|  <p><b>STG5682QTR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC SWITCH DUAL SPDT 16QFN<br/>In stock: Out stock</p> <p>RFQ</p>        |  <p><b>STG3699QTR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC SWITCH QUAD SPDT 16QFN<br/>In stock: Out stock</p> <p>RFQ</p>      |
|  <p><b>STG4259BJR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC SWITCH DUAL SPDT 11FLIPCHIP<br/>In stock: Out stock</p> <p>RFQ</p>   |  <p><b>STG3820BJR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC SWITCH QUAD DPDT 30FLIPCHIP<br/>In stock: Out stock</p> <p>RFQ</p> |
|  <p><b>STG4210QTR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC SWITCH DUAL SPST 10QFN<br/>In stock: Out stock</p> <p>RFQ</p>        |  <p><b>STG4158BJR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC SWITCH SPDT 6FLIPCHIP<br/>In stock: Out stock</p> <p>RFQ</p>       |
|  <p><b>STG3P2M10N60B</b><br/>Manufacturers: STMicroelectronics<br/>Description: IGBT N-CHAN 600V 19A SEMITOP2<br/>In stock: Out stock</p> <p>RFQ</p> |  <p><b>STG3856QTR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC SWITCH DUAL SP3T 12QFN<br/>In stock: Out stock</p> <p>RFQ</p>      |