



STG6684QTR

|                     |                                                                                                                  |
|---------------------|------------------------------------------------------------------------------------------------------------------|
| Part Number:        | STG6684QTR                                                                                                       |
| Manufacturer/Brand: | STMicroelectronics                                                                                               |
| Product description | IC SWITCH DUAL SPDT 10QFN                                                                                        |
| Datasheets:         |  <a href="#">STG6684QTR.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant     |
| Stock Condition     | 69263 pcs stock                                                                                                  |
| Ship From           | Hong Kong                                                                                                        |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                            |

REQUEST FOR QUOTATION

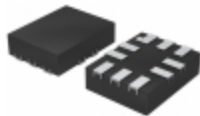
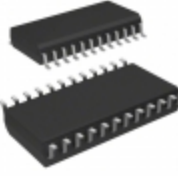
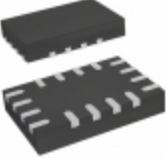
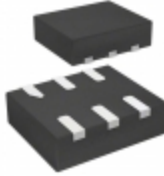
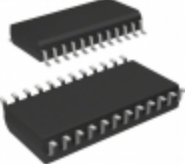
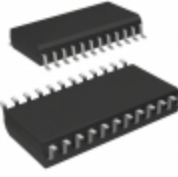
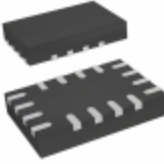
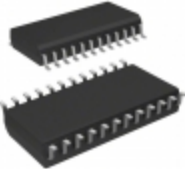
Specifications of STG6684QTR

|                                        |                                                                                                                    |
|----------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                            | STG6684QTR                                                                                                         |
| MANUFACTURER                           | STMicroelectronics                                                                                                 |
| DESCRIPTION                            | IC SWITCH DUAL SPDT 10QFN                                                                                          |
| LEAD FREE STATUS / ROHS STATUS         | Lead free / RoHS Compliant                                                                                         |
| QUANTITY AVAILABLE                     | 69263 pcs                                                                                                          |
| DATA SHEET                             |  <a href="#">STG6684QTR.pdf</a> |
| VOLTAGE - SUPPLY, SINGLE (V+)          | 1.65 V ~ 4.3 V                                                                                                     |
| VOLTAGE - SUPPLY, DUAL (V±)            | -                                                                                                                  |
| SWITCH TIME (TON, TOFF) (MAX)          | 55ns, 30ns                                                                                                         |
| SWITCH CIRCUIT                         | SPDT                                                                                                               |
| SUPPLIER DEVICE PACKAGE                | 10-QFN (1.8x1.4)                                                                                                   |
| SERIES                                 | -                                                                                                                  |
| PACKAGING                              | Cut Tape (CT)                                                                                                      |
| PACKAGE / CASE                         | 10-UFQFN                                                                                                           |
| OTHER NAMES                            | 497-6923-1                                                                                                         |
| OPERATING TEMPERATURE                  | -40°C ~ 85°C (TA)                                                                                                  |
| ON-STATE RESISTANCE (MAX)              | 550 mOhm                                                                                                           |
| NUMBER OF CIRCUITS                     | 2                                                                                                                  |
| MULTIPLEXER/DEMULTIPLEXER CIRCUIT      | 2:1                                                                                                                |
| MOISTURE SENSITIVITY LEVEL (MSL)       | 1 (Unlimited)                                                                                                      |
| LEAD FREE STATUS / ROHS STATUS         | Lead free / RoHS Compliant                                                                                         |
| DETAILED DESCRIPTION                   | 2 Circuit IC Switch 2:1 550 mOhm 10-QFN (1.8x1.4)                                                                  |
| CURRENT - LEAKAGE (IS(OFF)) (MAX)      | 100nA                                                                                                              |
| CROSSTALK                              | -85dB @ 1MHz                                                                                                       |
| CHARGE INJECTION                       | 49pC                                                                                                               |
| CHANNEL-TO-CHANNEL MATCHING (ΔRON)     | 10 mOhm                                                                                                            |
| CHANNEL CAPACITANCE (CS(OFF), CD(OFF)) | 85pF                                                                                                               |
| BASE PART NUMBER                       | STG6684                                                                                                            |
| -3DB BANDWIDTH                         | 65MHz                                                                                                              |

Related Tags

|                               |                               |                                   |
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| STMicroelectronics STG6684QTR | STG6684QTR Distributor        | STG6684QTR Supplier               |
| STG6684QTR Price              | STG6684QTR Pictures           | STG6684QTR Image                  |
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Related Products

|                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                    |
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|  <div><b>STG5223QTR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC SWITCH DUAL SPDT 10QFN<br/>In stock: 175000 pcs<br/><div>RFQ</div></div>       |  <div><b>STG719CTR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC SWITCH SPDT SOT23-6<br/>In stock: 380319 pcs<br/><div>RFQ</div></div>          |
|  <div><b>STGAP1ASTR</b><br/>Manufacturers: STMicroelectronics<br/>Description: DGTL ISO 2.5KV 1CH GATE DVR 24SO<br/>In stock: 30655 pcs<br/><div>RFQ</div></div> |  <div><b>STG5683QTR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC SWITCH DUAL SPDT 16QFN<br/>In stock: 30792 pcs<br/><div>RFQ</div></div>       |
|  <div><b>STG5123DTR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC SWITCH SPDT 6DFN<br/>In stock: 751672 pcs<br/><div>RFQ</div></div>             |  <div><b>STGAP1STR</b><br/>Manufacturers: STMicroelectronics<br/>Description: DGTL ISO 2.5KV 1CH GATE DVR 24SO<br/>In stock: 23645 pcs<br/><div>RFQ</div></div> |
|  <div><b>STGAP1S</b><br/>Manufacturers: STMicroelectronics<br/>Description: DGTL ISO 2.5KV 1CH GATE DVR 24SO<br/>In stock: 3024 pcs<br/><div>RFQ</div></div>     |  <div><b>STG719STR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC SWITCH SPDT SOT23-6<br/>In stock: 451506 pcs<br/><div>RFQ</div></div>          |
|  <div><b>STG4260BJR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC SWITCH DUAL SPDT 12FLIPCHIP<br/>In stock: 114157 pcs<br/><div>RFQ</div></div>  |  <div><b>STG6384QTR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC SWITCH DUAL SPST 10QFN<br/>In stock: 56979 pcs<br/><div>RFQ</div></div>       |
|  <div><b>STG5682QTR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC SWITCH DUAL SPDT 16QFN<br/>In stock: 156107 pcs<br/><div>RFQ</div></div>       |  <div><b>STGAP1AS</b><br/>Manufacturers: STMicroelectronics<br/>Description: DGTL ISO 2.5KV 1CH GATE DVR 24SO<br/>In stock: 12656 pcs<br/><div>RFQ</div></div>  |