



STMicroelectronics



STGAP2SM

|                     |                                                                                                |
|---------------------|------------------------------------------------------------------------------------------------|
| Part Number:        | STGAP2SM                                                                                       |
| Manufacturer/Brand: | STMicroelectronics                                                                             |
| Product description | DGTL ISO                                                                                       |
| Datasheets:         |  STGAP2SM.pdf |
| Stock Condition     | 65328 pcs stock                                                                                |
| Ship From           | Hong Kong                                                                                      |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                          |

REQUEST FOR QUOTATION

Specifications of STGAP2SM

|                                      |                                                                                                  |
|--------------------------------------|--------------------------------------------------------------------------------------------------|
| PART NUMBER                          | STGAP2SM                                                                                         |
| MANUFACTURER                         | STMicroelectronics                                                                               |
| DESCRIPTION                          | DGTL ISO                                                                                         |
| LEAD FREE STATUS / ROHS STATUS       |                                                                                                  |
| QUANTITY AVAILABLE                   | 65328 pcs                                                                                        |
| DATA SHEET                           |  STGAP2SM.pdf |
| VOLTAGE - SUPPLY                     | 3 V ~ 5.5 V                                                                                      |
| VOLTAGE - ISOLATION                  | 1700VDC                                                                                          |
| VOLTAGE - FORWARD (VF) (TYP)         | -                                                                                                |
| TECHNOLOGY                           | Magnetic Coupling                                                                                |
| SUPPLIER DEVICE PACKAGE              | 8-SO                                                                                             |
| SERIES                               | -                                                                                                |
| RISE / FALL TIME (TYP)               | 30ns, 30ns                                                                                       |
| PULSE WIDTH DISTORTION (MAX)         | 20ns                                                                                             |
| PROPAGATION DELAY TPLH / TPHL (MAX)  | 100ns, 100ns                                                                                     |
| PACKAGING                            | Tube                                                                                             |
| PACKAGE / CASE                       | 8-SOIC (0.154", 3.90mm Width)                                                                    |
| OPERATING TEMPERATURE                | -40°C ~ 125°C (TJ)                                                                               |
| NUMBER OF CHANNELS                   | 1                                                                                                |
| MOUNTING TYPE                        | Surface Mount                                                                                    |
| DETAILED DESCRIPTION                 | Gate Driver Magnetic Coupling 1700VDC 1 Channel 8-SO                                             |
| CURRENT - PEAK OUTPUT                | -                                                                                                |
| CURRENT - OUTPUT HIGH, LOW           | 4A, 4A                                                                                           |
| COMMON MODE TRANSIENT IMMUNITY (MIN) | 100V/ns                                                                                          |
| APPROVALS                            | -                                                                                                |

Related Tags

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Related Products

|                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                             |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>STGB10H60DF</b><br/>Manufacturers: STMicroelectronics<br/>Description: IGBT 600V 20A 115W D2PAK<br/>In stock: 72905 pcs</div> <div>RFQ</div>       |  <div><b>STGB10NB40LZT4</b><br/>Manufacturers: STMicroelectronics<br/>Description: IGBT 440V 20A 150W D2PAK<br/>In stock: 36901 pcs</div> <div>RFQ</div> |
|  <div><b>STGAP2SCM</b><br/>Manufacturers: STMicroelectronics<br/>Description: DGTL ISO<br/>In stock: 63735 pcs</div> <div>RFQ</div>                         |  <div><b>STGAP1S</b><br/>Manufacturers: STMicroelectronics<br/>Description: DGTL ISO 2.5KV 1CH GATE DVR 24SO<br/>In stock: 3024 pcs</div> <div>RFQ</div> |
|  <div><b>STGAP2SCMTR</b><br/>Manufacturers: STMicroelectronics<br/>Description: DGTL ISO<br/>In stock: 61742 pcs</div> <div>RFQ</div>                       |  <div><b>STGAP2SMTR</b><br/>Manufacturers: STMicroelectronics<br/>Description: DGTL ISO<br/>In stock: 69018 pcs</div> <div>RFQ</div>                     |
|  <div><b>STGAP2DMTR</b><br/>Manufacturers: STMicroelectronics<br/>Description: DGTL ISO<br/>In stock: 36034 pcs</div> <div>RFQ</div>                        |  <div><b>STGB10NB37LZT4</b><br/>Manufacturers: STMicroelectronics<br/>Description: IGBT 440V 20A 125W D2PAK<br/>In stock: 72489 pcs</div> <div>RFQ</div> |
|  <div><b>STGAP1STR</b><br/>Manufacturers: STMicroelectronics<br/>Description: DGTL ISO 2.5KV 1CH GATE DVR 24SO<br/>In stock: 23645 pcs</div> <div>RFQ</div> |  <div><b>STGB10NB37LZ</b><br/>Manufacturers: STMicroelectronics<br/>Description: IGBT 440V 20A 125W D2PAK<br/>In stock: 5693 pcs</div> <div>RFQ</div>    |
|  <div><b>STGB10M65DF2</b><br/>Manufacturers: STMicroelectronics<br/>Description: IGBT 650V 10A D2PAK<br/>In stock: 29835 pcs</div> <div>RFQ</div>           |  <div><b>STGAP2DM</b><br/>Manufacturers: STMicroelectronics<br/>Description: DGTL ISO<br/>In stock: 34320 pcs</div> <div>RFQ</div>                       |