

**STG3684AQTR Information**


For Reference Only

**Part Number** [STG3684AQTR](#)  
**Manufacturer** STMicroelectronics  
**Category** Integrated Circuits (ICs)  
[Interface - Analog Switches, Multiplexers, Demultiplexers](#)  
**Description** IC SWITCH DUAL SPDT 16QFN  
**Package** 16-VFQFN Exposed Pad  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)



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**Certified Quality**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.


**STG3684AQTR Specifications**

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|--|--|
| Manufacturer Part Number               | <a href="#">STG3684AQTR</a>  |
| Manufacturer                           | STMicroelectronics   |
| Category                               | Integrated Circuits (ICs)<br><a href="#">Interface - Analog Switches, Multiplexers, Demultiplexers</a> |
| Package                                | 16-VFQFN Exposed Pad   |
| Series                                 | -  |
| Switch Circuit                         | SPDT   |
| Multiplexer/Demultiplexer Circuit      | 2:1  |
| Number of Circuits                     | 2  |
| On-State Resistance (Max)              | 500 mOhm   |
| Channel-to-Channel Matching (Ron)      | 100 mOhm   |
| Voltage - Supply, Single (V+)          | 1.65 V ~ 4.3 V   |
| Voltage - Supply, Dual (V±)            | -  |
| Switch Time (Ton, Toff) (Max)          | 55ns, 30ns   |
| -3db Bandwidth                         | 55MHz  |
| Charge Injection                       | 49pC   |
| Channel Capacitance (CS(off), CD(off)) | 5pF  |
| Current - Leakage (IS(off)) (Max)      | 20nA   |
| Crosstalk                              | -72dB @ 100kHz   |
| Operating Temperature                  | -40°C ~ 85°C (TA)  |
| Package / Case                         | 16-VFQFN Exposed Pad   |
| Supplier Device Package                | 16-QFN (3x3)   |

[Report errors?](#)

## STG3684AQTR Guarantees



### Quality Guarantees

We provide 90 days warranty. \*

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



### Service Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

## STG3684AQTR Payment Methods



## STG3684AQTR Shipping Methods



If you have any question about STG3684AQTR, please do not hesitate to contact us!

Website: <https://www.heisener.com>

E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)