

**STGAP1STR Information**


For Reference Only

**Part Number** [STGAP1STR](#)  
**Manufacturer** STMicroelectronics  
**Category** Isolators  
[Isolators - Gate Drivers](#)  
**Description** DGTL ISO 2.5KV GATE DRIVER 24SO  
**Package** 24-SOIC (0.295", 7.50mm Width)  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)


[Request a Quote](#)
**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.


**STGAP1STR Specifications**

Manufacturer Part Number	<a href="#">STGAP1STR</a>
Manufacturer	STMicroelectronics
Category	Isolators <a href="#">Isolators - Gate Drivers</a>
Package	24-SOIC (0.295", 7.50mm Width)
Series	Automotive, AEC-Q100, gapDRIVE?
Technology	Capacitive Coupling
Number of Channels	1
Voltage - Isolation	2500Vrms
Common Mode Transient Immunity (Min)	-
Propagation Delay tpLH / tpHL (Max)	130ns, 130ns
Pulse Width Distortion (Max)	10ns
Rise / Fall Time (Typ)	25ns, 25ns (Max)
Current - Output High, Low	2.5A, 2.5A
Current - Peak Output	-
Voltage - Forward (Vf) (Typ)	-
Current - DC Forward (If) (Max)	-
Voltage - Supply	4.5 V ~ 36 V
Operating Temperature	-40°C ~ 125°C
Mounting Type	Surface Mount
Package / Case	24-SOIC (0.295", 7.50mm Width)
Supplier Device Package	24-SO
Approvals	UL
	<a href="#">Report errors?</a>

## STGAP1STR 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.

## STGAP1STR Payment Methods



## STGAP1STR Shipping Methods



If you have any question about STGAP1STR, please do not hesitate to contact us!

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