

STGAP1S Information


For Reference Only

Part Number [STGAP1S](#)
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



[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.


STGAP1S Specifications

Manufacturer Part Number	STGAP1S
Manufacturer	STMicroelectronics
Category	Isolators Isolators - Gate Drivers
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

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STGAP1S 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.

STGAP1S Payment Methods



STGAP1S Shipping Methods



If you have any question about STGAP1S, please do not hesitate to contact us!

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