

STGAP1ASTR Information


For Reference Only

Part Number [STGAP1ASTR](#)
Manufacturer STMicroelectronics
Category Isolators
[Isolators - Gate Drivers](#)
Description DGTL ISO 2.5KV GATE 24SOIC
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.


STGAP1ASTR Specifications

| | |
|--------------------------------------|---|
| Manufacturer Part Number | STGAP1ASTR |
| Manufacturer | STMicroelectronics |
| Category | Isolators Isolators - Gate Drivers |
| Package | 24-SOIC (0.295", 7.50mm Width) |
| Series | Automotive, AEC-Q100 |
| 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 | - |

[Report errors?](#)

STGAP1ASTR 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.

STGAP1ASTR Payment Methods



STGAP1ASTR Shipping Methods



If you have any question about STGAP1ASTR, please do not hesitate to contact us!

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