

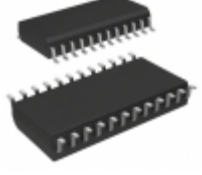


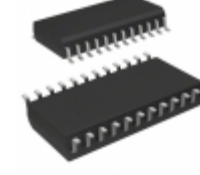




 life.augmented	<b>STGAP1S</b>
	<b>Manufacturer Part Number:</b> STGAP1S <b>Manufacturer/Brand:</b> STMicroelectronics <b>Part of Description:</b> DGTL ISO 2.5KV GATE DRIVER 24SO <b>Datasheets:</b> <a href="#">1.STGAP1S.pdf</a> <a href="#">2.STGAP1S.pdf</a> <b>RoHs Status:</b>  Lead free / RoHS <b>Stock Condition:</b>  Compliant New original, Stock Available. <b>Ship From:</b> Hong Kong <b>Shipment Way:</b> DHL/Fedex/TNT/UPS/EMS
Image may be representation. See specs for product details.	

### Specifications

Part Number	STGAP1S
Manufacturer	STMicroelectronics
Description	DGTL ISO 2.5KV GATE DRIVER 24SO
Category	Isolators > Isolators - Gate Drivers
Part Status	Require For Quote & Check Stock
Voltage - Supply	4.5 V ~ 36 V
Voltage - Isolation	2500Vrms
Voltage - Forward (Vf) (Typ)	-
Technology	Capacitive Coupling
Supplier Device Package	24-SO
Series	Automotive, AEC-Q100, gapDRIVE™
Rise / Fall Time (Typ)	25ns, 25ns (Max)
Pulse Width Distortion (Max)	10ns
Propagation Delay tpLH / tpHL (Max)	130ns, 130ns
Packaging	Tube
Package / Case	24-SOIC (0.295", 7.50mm Width)
Operating Temperature	-40°C ~ 125°C
Number of Channels	1
Mounting Type	Surface Mount
Current - Peak Output	-
Current - Output High, Low	2.5A, 2.5A
Current - DC Forward (If) (Max)	-
Common Mode Transient Immunity (Min)	-
Approvals	UL

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