



Image may be representation. See specifications for product details.

STGAP1ASTR

Part Number:	STGAP1ASTR
Manufacturer/Brand:	STMicroelectronics
Product description	DGTL ISO 2.5KV 1CH GATE DVR 24SO
Datasheets:	PDF STGAP1ASTR.pdf
RoHs Status	Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of STGAP1ASTR

PART NUMBER	STGAP1ASTR
MANUFACTURER	STMicroelectronics
DESCRIPTION	DGTL ISO 2.5KV 1CH GATE DVR 24SO
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	PDF STGAP1ASTR.pdf
VOLTAGE - SUPPLY	4.5 V ~ 36 V
VOLTAGE - ISOLATION	2500Vrms
VOLTAGE - FORWARD (VF) (TYP)	-
TECHNOLOGY	Magnetic Coupling
SUPPLIER DEVICE PACKAGE	24-SO
SERIES	Automotive, AEC-Q100
RISE / FALL TIME (TYP)	25ns, 25ns (Max)
PULSE WIDTH DISTORTION (MAX)	10ns
PROPAGATION DELAY TPLH / TPHL (MAX)	130ns, 130ns
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	24-SOIC (0.295", 7.50mm Width)
OPERATING TEMPERATURE	-40°C ~ 125°C
NUMBER OF CHANNELS	1
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	16 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DETAILED DESCRIPTION	Gate Driver Magnetic Coupling 2500Vrms 1 Channel 24-SO
CURRENT - PEAK OUTPUT	-
CURRENT - OUTPUT HIGH, LOW	2.5A, 2.5A
COMMON MODE TRANSIENT IMMUNITY (MIN)	-
APPROVALS	-

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