



Renesas Electronics America



PS9307L2-E3-AX

Part Number:	PS9307L2-E3-AX
Manufacturer/Brand:	Renesas Electronics America
Product description	OPTOISO 5KV 1CH GATE DRIVER 6SMD
Datasheets:	 PS9307L2-E3-AX.pdf
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

Specifications of PS9307L2-E3-AX

PART NUMBER	PS9307L2-E3-AX
MANUFACTURER	Renesas Electronics America
DESCRIPTION	OPTOISO 5KV 1CH GATE DRIVER 6SMD
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 PS9307L2-E3-AX.pdf
VOLTAGE - SUPPLY	10 V ~ 30 V
VOLTAGE - ISOLATION	5000Vrms
VOLTAGE - FORWARD (VF) (TYP)	1.56V
TECHNOLOGY	Optical Coupling
SUPPLIER DEVICE PACKAGE	-
SERIES	NEPOC
RISE / FALL TIME (TYP)	30ns, 30ns
PULSE WIDTH DISTORTION (MAX)	90ns
PROPAGATION DELAY TPLH / TPHL (MAX)	175ns, 175ns
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	6-SOIC (0.268", 6.80mm Width)
OTHER NAMES	559-1617-2
OPERATING TEMPERATURE	-40°C ~ 125°C
NUMBER OF CHANNELS	1
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
MANUFACTURER STANDARD LEAD TIME	16 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DETAILED DESCRIPTION	600mA Gate Driver Optical Coupling 5000Vrms 1 Channel
CURRENT - PEAK OUTPUT	600mA
CURRENT - OUTPUT HIGH, LOW	400mA, 400mA
CURRENT - DC FORWARD (IF) (MAX)	25mA
COMMON MODE TRANSIENT IMMUNITY (MIN)	50kV/µs
APPROVALS	CSA, SEMKO, UL

Related Tags

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