



Renesas Electronics America



PS9905-Y-V-F3-AX

Part Number:	PS9905-Y-V-F3-AX
Manufacturer/Brand:	Renesas Electronics America
Product description	OPTOISO 7.5KV GATE DRIVER 8LSDIP
Datasheets:	
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 PS9905-Y-V-F3-AX

PART NUMBER	PS9905-Y-V-F3-AX
MANUFACTURER	Renesas Electronics America
DESCRIPTION	OPTOISO 7.5KV GATE DRIVER 8LSDIP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	
VOLTAGE - SUPPLY	15 V ~ 30 V
VOLTAGE - ISOLATION	7500Vrms
VOLTAGE - FORWARD (VF) (TYP)	1.56V
TECHNOLOGY	Optical Coupling
SUPPLIER DEVICE PACKAGE	8-LSDIP
SERIES	-
RISE / FALL TIME (TYP)	50ns, 50ns
PULSE WIDTH DISTORTION (MAX)	75ns
PROPAGATION DELAY TPLH / TPHL (MAX)	150ns, 150ns
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	8-SOIC (0.543", 13.80mm Width)
OTHER NAMES	559-1707-2
OPERATING TEMPERATURE	-40°C ~ 110°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	2.5A Gate Driver Optical Coupling 7500Vrms 1 Channel 8-LSDIP
CURRENT - PEAK OUTPUT	2.5A
CURRENT - OUTPUT HIGH, LOW	2A, 2A
CURRENT - DC FORWARD (IF) (MAX)	25mA
COMMON MODE TRANSIENT IMMUNITY (MIN)	25kV/μs
APPROVALS	CSA, SEMKO, UL, VDE

Related Tags

Renesas Electronics America PS9905-Y-V-F3-AX	PS9905-Y-V-F3-AX Distributor	PS9905-Y-V-F3-AX Supplier
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Renesas Electronics America PS9905-Y-V-F3-AX	Renesas Technology Corp PS9905-Y-V-F3-AX	Renesas PS9905-Y-V-F3-AX

Related Products

 PS9905-Y-F3-AX Manufacturers: CEL (California Eastern Laboratories) Description: OPTOISO 7.5KV GATE DRIVER 8LSDIP In stock: Out stock RFQ	 PS9905-Y-F3-AX Manufacturers: Renesas Electronics America Description: OPTOISO 7.5KV GATE DRIVER 8LSDIP In stock: Out stock RFQ
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