

Sharp Microelectronics

PC412S0NIP0F

Part Number:	PC412S0NIP0F
Manufacturer/Brand:	Sharp Microelectronics
Product description	OPTOISO 3.75KV PUSH PULL 8MFLAT
Datasheets:	PC412S0NIP0F.pdf
RoHs Status	Lead free / RoHS Compliant
Stock Condition	5733 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of PC412S0NIP0F

PART NUMBER	PC412S0NIP0F
MANUFACTURER	Sharp Microelectronics
DESCRIPTION	OPTOISO 3.75KV PUSH PULL 8MFLAT
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	5733 pcs
DATA SHEET	PC412S0NIP0F.pdf
VOLTAGE - SUPPLY	4.5 V ~ 5.5 V
VOLTAGE - ISOLATION	3750Vrms
VOLTAGE - FORWARD (VF) (TYP)	-
SUPPLIER DEVICE PACKAGE	8-Miniflat
SERIES	OPIC™
RISE / FALL TIME (TYP)	4ns, 3ns
PROPAGATION DELAY TPLH / TPHL (MAX)	40ns, 40ns
PACKAGING	Cut Tape (CT)
PACKAGE / CASE	8-SOIC (0.154", 3.90mm Width)
OUTPUT TYPE	Push-Pull, Totem Pole
OTHER NAMES	425-2590-1
OPERATING TEMPERATURE	-40°C ~ 85°C
NUMBER OF CHANNELS	1
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
INPUTS - SIDE 1/SIDE 2	1/0
INPUT TYPE	Logic
DETAILED DESCRIPTION	Logic Output Optoisolator 25Mbps Push-Pull, Totem Pole 3750Vrms 1 Channel 10kV/μs CMTI 8-Miniflat
DATA RATE	25Mbps
CURRENT - OUTPUT / CHANNEL	10mA
CURRENT - DC FORWARD (IF) (MAX)	-
COMMON MODE TRANSIENT IMMUNITY (MIN)	10kV/μs

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