



Sharp Microelectronics



Image may be representation. See specifications for product details.

PC4D10SYIP0F

Part Number:	PC4D10SYIP0F
Manufacturer/Brand:	Sharp Microelectronics
Product description	OPTOISO 3.75KV OPEN COLL 8MFLAT
Datasheets:	 PC4D10SYIP0F.pdf
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of PC4D10SYIP0F

PART NUMBER	PC4D10SYIP0F
MANUFACTURER	Sharp Microelectronics
DESCRIPTION	OPTOISO 3.75KV OPEN COLL 8MFLAT
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 PC4D10SYIP0F.pdf
VOLTAGE - SUPPLY	4.5 V ~ 5.5 V
VOLTAGE - ISOLATION	3750Vrms
VOLTAGE - FORWARD (VF) (TYP)	1.5V
SUPPLIER DEVICE PACKAGE	8-Miniflat
SERIES	OPIC™
RISE / FALL TIME (TYP)	20ns, 10ns
PROPAGATION DELAY TPLH / TPHL (MAX)	75ns, 75ns
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	8-SOIC (0.154", 3.90mm Width)
OUTPUT TYPE	Open Collector
OPERATING TEMPERATURE	-40°C ~ 85°C
NUMBER OF CHANNELS	2
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
INPUTS - SIDE 1/SIDE 2	2/0
INPUT TYPE	DC
DETAILED DESCRIPTION	Logic Output Optoisolator 10Mbps Open Collector 3750Vrms 2 Channel 10kV/μs CMTI 8-Miniflat
DATA RATE	10Mbps
CURRENT - OUTPUT / CHANNEL	50mA
CURRENT - DC FORWARD (IF) (MAX)	20mA
COMMON MODE TRANSIENT IMMUNITY (MIN)	10kV/μs

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