



Sharp Microelectronics

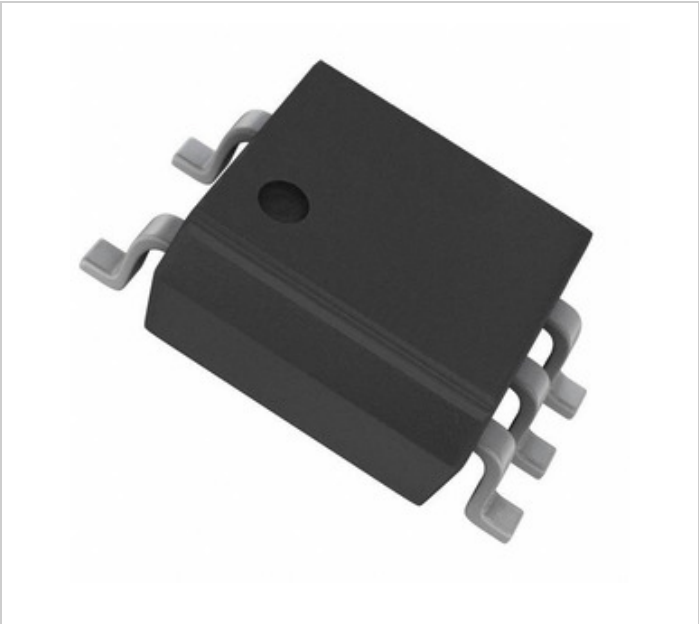


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PC456L0NIP0F

Part Number:	PC456L0NIP0F
Manufacturer/Brand:	Sharp Microelectronics
Product description	OPTOISO 3.75KV OPEN COLL 5MFP
Datasheets:	 PC456L0NIP0F.pdf
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of PC456L0NIP0F

PART NUMBER	PC456L0NIP0F
MANUFACTURER	Sharp Microelectronics
DESCRIPTION	OPTOISO 3.75KV OPEN COLL 5MFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 PC456L0NIP0F.pdf
VOLTAGE - SUPPLY	4.5 V ~ 35 V
VOLTAGE - ISOLATION	3750Vrms
VOLTAGE - FORWARD (VF) (TYP)	1.6V
SUPPLIER DEVICE PACKAGE	5-MFP
SERIES	OPIC™
RISE / FALL TIME (TYP)	-
PROPAGATION DELAY TPLH / TPHL (MAX)	550ns, 400ns
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	6-SOIC (0.173", 4.40mm Width), 5 Leads
OUTPUT TYPE	Open Collector
OTHER NAMES	425-2592-2 PC456L0NIP0F-ND
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	DC
DETAILED DESCRIPTION	Logic Output Optoisolator 2Mbps Open Collector 3750Vrms 1 Channel 15kV/μs CMTI 5-MFP
DATA RATE	2Mbps
CURRENT - OUTPUT / CHANNEL	15mA
CURRENT - DC FORWARD (IF) (MAX)	25mA
COMMON MODE TRANSIENT IMMUNITY (MIN)	15kV/μs

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