



Sharp Microelectronics

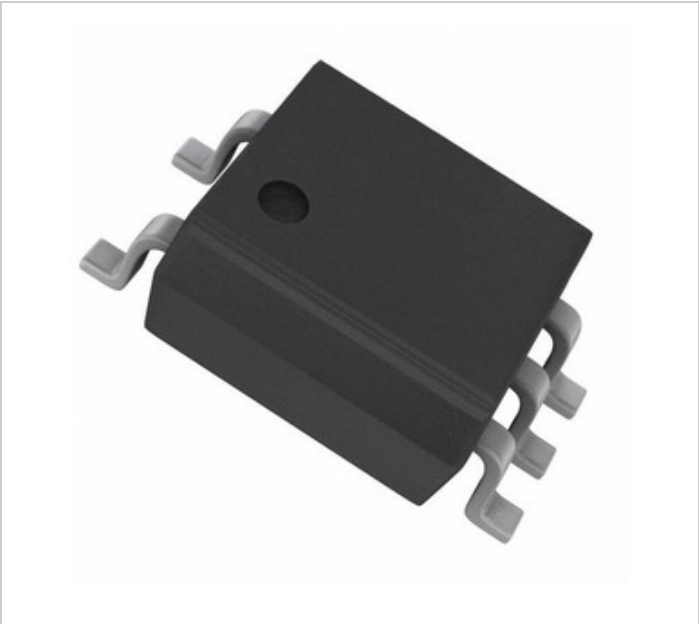





Image may be representation. See specifications for product details.

PC410L0YIP

Part Number:	PC410L0YIP
Manufacturer/Brand:	Sharp Microelectronics
Product description	OPTOISO 3.75KV OPEN COLL 5MFP
Datasheets:	 PC410L0YIP.pdf
RoHs Status	 Contains lead / RoHS non-compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of PC410L0YIP

PART NUMBER	PC410L0YIP
MANUFACTURER	Sharp Microelectronics
DESCRIPTION	OPTOISO 3.75KV OPEN COLL 5MFP
LEAD FREE STATUS / ROHS STATUS	Contains lead / RoHS non-compliant
DATA SHEET	 PC410L0YIP.pdf
VOLTAGE - SUPPLY	4.5 V ~ 5.5 V
VOLTAGE - ISOLATION	3750Vrms
VOLTAGE - FORWARD (VF) (TYP)	1.6V
SUPPLIER DEVICE PACKAGE	5-MFP
SERIES	OPIC™
RISE / FALL TIME (TYP)	10ns, 20ns
PROPAGATION DELAY TPLH / TPHL (MAX)	75ns, 75ns
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	6-SOIC (0.173", 4.40mm Width), 5 Leads
OUTPUT TYPE	Open Collector
OTHER NAMES	425-1523-2
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	Contains lead / RoHS non-compliant
INPUTS - SIDE 1/SIDE 2	1/0
INPUT TYPE	DC
DETAILED DESCRIPTION	Logic Output Optoisolator 10Mbps Open Collector 3750Vrms 1 Channel 10kV/μs CMTI 5-MFP
DATA RATE	10Mbps
CURRENT - OUTPUT / CHANNEL	50mA
CURRENT - DC FORWARD (IF) (MAX)	20mA
COMMON MODE TRANSIENT IMMUNITY (MIN)	10kV/μs

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