



PC457L0NIP

Part Number:	PC457L0NIP
Manufacturer/Brand:	Sharp Microelectronics
Product description	OPTOISO 3.75KV TRANSISTOR 5-SMD
Datasheets:	PC457L0NIP.pdf
RoHs Status	Contains lead / RoHS non-compliant
Stock Condition	4256 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of PC457L0NIP

PART NUMBER	PC457L0NIP
MANUFACTURER	Sharp Microelectronics
DESCRIPTION	OPTOISO 3.75KV TRANSISTOR 5-SMD
LEAD FREE STATUS / ROHS STATUS	Contains lead / RoHS non-compliant
QUANTITY AVAILABLE	4256 pcs
DATA SHEET	PC457L0NIP.pdf
VOLTAGE - OUTPUT (MAX)	20V
VOLTAGE - ISOLATION	3750Vrms
VOLTAGE - FORWARD (VF) (TYP)	1.7V
VCE SATURATION (MAX)	-
TURN ON / TURN OFF TIME (TYP)	200ns, 400ns
SUPPLIER DEVICE PACKAGE	5-MFP
SERIES	OPIC™
RISE / FALL TIME (TYP)	-
PACKAGING	Cut Tape (CT)
PACKAGE / CASE	6-SOIC (0.173", 4.40mm Width), 5 Leads
OUTPUT TYPE	Transistor
OTHER NAMES	425-1527-1
OPERATING TEMPERATURE	-55°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
INPUT TYPE	DC
DETAILED DESCRIPTION	Optoisolator Transistor Output 3750Vrms 1 Channel 5-MFP
CURRENT TRANSFER RATIO (MIN)	19% @ 16mA
CURRENT TRANSFER RATIO (MAX)	50% @ 16mA
CURRENT - OUTPUT / CHANNEL	8mA
CURRENT - DC FORWARD (IF) (MAX)	25mA

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