



Sharp Microelectronics



Image may be representation. See specifications for product details.

PC942

Part Number:	PC942
Manufacturer/Brand:	Sharp Microelectronics
Product description	OPTOISO 5KV OPIC 8DIP
Datasheets:	 PC942.pdf
RoHs Status	 Contains lead / RoHS non-compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of PC942

PART NUMBER	PC942
MANUFACTURER	Sharp Microelectronics
DESCRIPTION	OPTOISO 5KV OPIC 8DIP
LEAD FREE STATUS / ROHS STATUS	Contains lead / RoHS non-compliant
DATA SHEET	 PC942.pdf
VOLTAGE - SUPPLY	5.4 V ~ 13 V
VOLTAGE - ISOLATION	5000Vrms
VOLTAGE - FORWARD (VF) (TYP)	1.1V
TYPE	Power Transistor Driver
SUPPLIER DEVICE PACKAGE	8-DIP
SERIES	OPIC™
RISE / FALL TIME (TYP)	200ns, 100ns
PROPAGATION DELAY TPLH / TPHL (MAX)	5µs, 5µs
PACKAGING	Tube
PACKAGE / CASE	8-DIP (0.300", 7.62mm)
OTHER NAMES	425-1545-5
OPERATING TEMPERATURE	-20°C ~ 80°C
NUMBER OF CHANNELS	1
MOUNTING TYPE	Through Hole
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
LEAD FREE STATUS / ROHS STATUS	Contains lead / RoHS non-compliant
INPUT TYPE	DC
DETAILED DESCRIPTION	Optoisolator Power Transistor Driver 5000Vrms 1 Channel 8-DIP
CURRENT - OUTPUT / CHANNEL	500mA, 600mA
CURRENT - DC FORWARD (IF) (MAX)	25mA
COMMON MODE TRANSIENT IMMUNITY (MIN)	10kV/µs
APPROVALS	UR

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