

PC942 Datasheet

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DiGi Electronics Part Number	PC942-DG
Manufacturer	Sharp Microelectronics
Manufacturer Product Number	PC942
Description	OPTOISO 5KV OPIC 8DIP
Detailed Description	Optoisolator Power Transistor Driver 5000Vrms 1 C hannel 8-DIP

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Manufacturer Product Number:

PC942

Series:

OPIC™

Type:

Power Transistor Driver

Voltage - Isolation:

5000Vrms

Input Type:

DC

Propagation Delay tpLH / tpHL (Max):

5µs, 5µs

Voltage - Forward (Vf) (Typ):

1.1 V

Voltage - Supply:

5.4V ~ 13V

Mounting Type:

Through Hole

Supplier Device Package:

8-DIP

Manufacturer:

Sharp Microelectronics

Product Status:

Obsolete

Number of Channels:

1

Common Mode Transient Immunity (Min):

10kV/µs

Current - Output / Channel:

500mA, 600mA

Rise / Fall Time (Typ):

200ns, 100ns

Current - DC Forward (If) (Max):

25 mA

Operating Temperature:

-20°C ~ 80°C

Package / Case:

8-DIP (0.300", 7.62mm)

Approval Agency:

UR

Environmental & Export classification

RoHS Status:

RoHS non-compliant

ECCN:

EAR99

Moisture Sensitivity Level (MSL):

1 (Unlimited)

HTSUS:

8541.49.8000

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