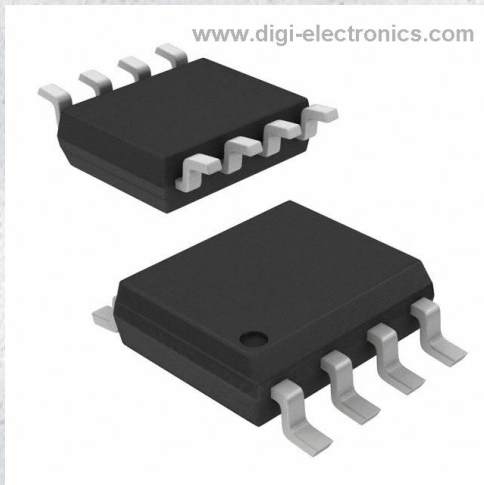


# HCPL-0708 Datasheet



<https://www.DiGi-Electronics.com>

DiGi Electronics Part Number	HCPL-0708-DG
Manufacturer	<a href="#">Broadcom Limited</a>
Manufacturer Product Number	HCPL-0708
Description	OPTOISO 3.75KV PUSH PULL 8SO
Detailed Description	Logic Output Optoisolator 15MBd Push-Pull, Totem Pole 3750Vrms 1 Channel 10kV/ $\mu$ s CMTI 8-SO Tall

This model HCPL-0708 is available at DiGi Electronics.

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## Purchase and inquiry

### Manufacturer Product Number:

HCPL-0708

### Series:

-

### Number of Channels:

1

### Voltage - Isolation:

3750Vrms

### Input Type:

DC

### Current - Output / Channel:

2 mA

### Propagation Delay tpLH / tpHL (Max):

60ns, 60ns

### Voltage - Forward (Vf) (Typ):

1.5V

### Voltage - Supply:

4.5V ~ 5.5V

### Mounting Type:

Surface Mount

### Supplier Device Package:

8-SO Tall

### Manufacturer:

Broadcom Limited

### Product Status:

Obsolete

### Inputs - Side 1/Side 2:

1/0

### Common Mode Transient Immunity (Min):

10kV/μs

### Output Type:

Push-Pull, Totem Pole

### Data Rate:

15MBd

### Rise / Fall Time (Typ):

20ns, 25ns

### Current - DC Forward (If) (Max):

20mA

### Operating Temperature:

-40°C ~ 100°C

### Package / Case:

8-SOIC (0.154", 3.90mm Width)

## Environmental & Export classification

### RoHS Status:

RoHS non-compliant

### REACH Status:

REACH Unaffected

### HTSUS:

8541.49.8000

### Moisture Sensitivity Level (MSL):

1 (Unlimited)

### ECCN:

EAR99

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