

TLP105(TPL,F) Datasheet



DiGi Electronics Part Number	TLP105(TPL,F)-DG
Manufacturer	Toshiba Semiconductor and Storage
Manufacturer Product Number	TLP105(TPL,F)
Description	PHOTOCOUPLER
Detailed Description	Logic Output Optoisolator 5Mbps Push-Pull, Totem Pole 3750Vrms 1 Channel 10kV/ μ s CMTI 6-MFSOP, 5 Lead

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Manufacturer Product Number:

TLP105(TPL,F)

Series:

-

Number of Channels:

1

Voltage - Isolation:

3750Vrms

Input Type:

DC

Current - Output / Channel:

25 mA

Propagation Delay tpLH / tpHL (Max):

250ns, 250ns

Voltage - Forward (Vf) (Typ):

1.57V

Voltage - Supply:

4.5V ~ 20V

Mounting Type:

Surface Mount

Supplier Device Package:

6-MFSOP, 5 Lead

Manufacturer:

Toshiba Semiconductor and Storage

Product Status:

Obsolete

Inputs - Side 1/Side 2:

1/0

Common Mode Transient Immunity (Min):10kV/ μ s**Output Type:**

Push-Pull, Totem Pole

Data Rate:

5Mbps

Rise / Fall Time (Typ):

30ns, 30ns

Current - DC Forward (If) (Max):

20mA

Operating Temperature:

-40°C ~ 100°C

Package / Case:

6-SOIC (0.173", 4.40mm Width), 5 Leads

Base Product Number:

TLP105

Environmental & Export classification

ECCN:

EAR99

HTSUS:

8541.49.8000

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