

# TLP555

## Photocoupler (photo- IC output)

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### Description

|                                |                                                                            |
|--------------------------------|----------------------------------------------------------------------------|
| Feature                        | Low input current,High-speed,High V <sub>CC</sub> operation,3-state output |
| Number of Circuits             | 1                                                                          |
| RoHS Compatible Product(s) (#) | Available                                                                  |
| Assembly bases                 | Japan                                                                      |

### Properties

#### Package Information

|                      |                                                                                     |
|----------------------|-------------------------------------------------------------------------------------|
| Package Image        |  |
| Toshiba Package Name | <a href="#">DIP8</a>                                                                |
| Pins                 | 8                                                                                   |
| Mounting             | Through Hole                                                                        |

#### Electrical Characteristics

| Characteristics                                     | Symbol             | Condition | Value | Unit |
|-----------------------------------------------------|--------------------|-----------|-------|------|
| Isolation voltage<br>BV <sub>S</sub> @1minute (Min) | BV <sub>S</sub>    | t=60sec   | 2500  | Vrms |
| I <sub>F(IN)</sub> (Max)                            | I <sub>F(IN)</sub> | -         | 1.6   | mA   |
| Output L->H Input current (Max)                     | I <sub>FLH</sub>   | -         | 1.6   | mA   |
| Delay Time(H->L) (Max)                              | tpHL               | -         | 400   | nsec |
| Delay Time(H->L) (Min)                              | tpHL               | -         | 100   | nsec |
| Delay Time(L->H) (Max)                              | tpLH               | -         | 400   | nsec |

### Document

Links

- ▶ [Frequently Asked Questions](#)
- ▶ [Part Naming Conventions](#)

Inquiries on our product

- ▶ [Contact Us](#)

For product delivery, additional characters will be added to the part numbers shown on this website. For details, please ask your local distributor, or send an inquiry accessed from "Contact Us" on this website.

Note

The Part Number column shows representative part numbers only, which may not be available for sale in the precise form shown. Each Part Number constitutes a product family which may contain multiple associated product configurations.

(#) Under the RoHS Compatible Product(s) column, "Available" means at least one RoHS-Compatible product is available for sale in the corresponding product family. "None" means no RoHS Compatible product is available in that product family. For Toshiba's definitions of concepts related to the RoHS Directive and RoHS Compatibility, please click [here](#) .

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