

## TLP5751(E)



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Part Number: [TLP5751\(E\)](#)

Manufacturer: [Toshiba Semiconductor and Storage](#)

Description: OPTOISO 5KV 1CH GATE DRIVER 6SO

Data sheet: [TLP5751](#)

RoHS Status: Lead free / RoHS Compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
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### PRODUCT PARAMETER

Part Number	<a href="#">TLP5751(E)</a>
Manufacturer	<a href="#">Toshiba Semiconductor and Storage</a>
Description	OPTOISO 5KV 1CH GATE DRIVER 6SO
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	58089 pcs
Product Photo	<a href="#">TLP5751(E).jpg</a>
Category	<a href="#">Isolators</a>
Voltage - Supply	15 V ~ 30 V
Voltage - Isolation	5000Vrms
Voltage - Forward (Vf) (Typ)	1.55V
Technology	Optical Coupling
Supplier Device Package	6-SO
Series	-
Rise / Fall Time (Typ)	15ns, 8ns
Pulse Width Distortion (Max)	50ns
Propagation Delay tpLH / tpHL (Max)	150ns, 150ns
Packaging	Tube
Package / Case	6-SOIC (0.295", 7.50mm Width)
Other Names	TLP5751(E)O TLP5751(E)T TLP5751E
Operating Temperature	-40°C ~ 110°C
Number of Channels	1
Mounting Type	Surface Mount
Moisture Sensitivity Level (MSL)	1 (Unlimited)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Detailed Description	1A Gate Driver Optical Coupling 5000Vrms 1 Channel 6-SO
Current - Peak Output	1A
Current - Output High, Low	1A, 1A
Current - DC Forward (If) (Max)	20mA
Common Mode Transient Immunity (Min)	35kV/μs
Approvals	CQC, CSA, cUL, UL

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### RELATED PRODUCTS

	Part#: <a href="#">TLP5752(E)</a> Description: OPTOISO 5KV 1CH GATE DRIVER 6SO	Manufacturers: <a href="#">Toshiba Semiconductor and Storage</a> In Stock: 66769	<a href="#">RFQ</a>
	Part#: <a href="#">TLP5754(TP,E)</a> Description: OPTOISO 5KV 1CH GATE DRIVER 6SO	Manufacturers: <a href="#">Toshiba Semiconductor and Storage</a> In Stock: 59041	<a href="#">RFQ</a>
	Part#: <a href="#">TLP5754(D4,E)</a> Description: OPTOISO 5KV 1CH GATE DRIVER 6SO	Manufacturers: <a href="#">Toshiba Semiconductor and Storage</a> In Stock: 92824	<a href="#">RFQ</a>
	Part#: <a href="#">TLP5751(D4,E)</a> Description: OPTOISO 5KV 1CH GATE DRIVER 6SO	Manufacturers: <a href="#">Toshiba Semiconductor and Storage</a> In Stock: 55006	<a href="#">RFQ</a>
	Part#: <a href="#">TLP5754(E)</a> Description: OPTOISO 5KV 1CH GATE DRIVER 6SO	Manufacturers: <a href="#">Toshiba Semiconductor and Storage</a> In Stock: 77156	<a href="#">RFQ</a>
	Part#: <a href="#">TLP5751(TP,E)</a> Description: OPTOISO 5KV 1CH GATE DRIVER 6SO	Manufacturers: <a href="#">Toshiba Semiconductor and Storage</a> In Stock: 108492	<a href="#">RFQ</a>
	Part#: <a href="#">TLP5752(D4-TP,E)</a> Description: OPTOISO 5KV 1CH GATE DRIVER 6SO	Manufacturers: <a href="#">Toshiba Semiconductor and Storage</a> In Stock: 58352	<a href="#">RFQ</a>
	Part#: <a href="#">TLP5702(TP,E)</a> Description: X36 PB-F DRIVER COUPLER 2.5A FAS	Manufacturers: <a href="#">Toshiba Semiconductor and Storage</a> In Stock: 57930	<a href="#">RFQ</a>
	Part#: <a href="#">TLP559(F)</a> Description: OPTOISOLATOR 2.5KV TRANS 8-DIP	Manufacturers: <a href="#">Toshiba Semiconductor and Storage</a> In Stock: 80069	<a href="#">RFQ</a>
	Part#: <a href="#">TLP5701(TP,E)</a> Description: X36 PB-F DRIVER COUPLER 0.6A SO6	Manufacturers: <a href="#">Toshiba Semiconductor and Storage</a> In Stock: 78451	<a href="#">RFQ</a>
	Part#: <a href="#">TLP5702(E)</a> Description: X36 PB-F DRIVER COUPLER 2.5A FAS	Manufacturers: <a href="#">Toshiba Semiconductor and Storage</a> In Stock: 47760	<a href="#">RFQ</a>
	Part#: <a href="#">TLP5771(D4,E)</a> Description: GATE DRIVE COUPLER; LOW INPUT CU	Manufacturers: <a href="#">Toshiba Semiconductor and Storage</a> In Stock: 70329	<a href="#">RFQ</a>
	Part#: <a href="#">TLP5754(D4-TP,E)</a> Description: OPTOISO 5KV 1CH GATE DRIVER 6SO	Manufacturers: <a href="#">Toshiba Semiconductor and Storage</a> In Stock: 96213	<a href="#">RFQ</a>
	Part#: <a href="#">TLP5752(TP,E)</a> Description: OPTOISO 5KV 1CH GATE DRIVER 6SO	Manufacturers: <a href="#">Toshiba Semiconductor and Storage</a> In Stock: 66774	<a href="#">RFQ</a>
	Part#: <a href="#">TLP5701(E)</a> Description: X36 PB-F DRIVER COUPLER 0.6A SO6	Manufacturers: <a href="#">Toshiba Semiconductor and Storage</a> In Stock: 54230	<a href="#">RFQ</a>
	Part#: <a href="#">TLP5752(D4,E)</a> Description: OPTOISO 5KV 1CH GATE DRIVER 6SO	Manufacturers: <a href="#">Toshiba Semiconductor and Storage</a> In Stock: 83760	<a href="#">RFQ</a>
	Part#: <a href="#">TLP559(IGM,F)</a> Description: OPTOISOLATOR 2.5KV TRANS 8-DIP	Manufacturers: <a href="#">Toshiba Semiconductor and Storage</a> In Stock: 60562	<a href="#">RFQ</a>
	Part#: <a href="#">TLP5751(D4-TP,E)</a> Description: OPTOISO 5KV 1CH GATE DRIVER 6SO	Manufacturers: <a href="#">Toshiba Semiconductor and Storage</a> In Stock: 79421	<a href="#">RFQ</a>
	Part#: <a href="#">TLP5701(D4-TP,E)</a> Description: X36 PB-F DRIVER COUPLER 0.6A SO6	Manufacturers: <a href="#">Toshiba Semiconductor and Storage</a> In Stock: 65062	<a href="#">RFQ</a>
	Part#: <a href="#">TLP5701(D4,E)</a> Description: X36 PB-F DRIVER COUPLER 0.6A SO6	Manufacturers: <a href="#">Toshiba Semiconductor and Storage</a> In Stock: 45970	<a href="#">RFQ</a>

### Related keywords for TLP5751(E)

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