





Leading Innovation >>>

Toshiba Semiconductor and Storage

Storage




TLP2451A(TP,F)

Part Number:	TLP2451A(TP,F)
Manufacturer/Brand:	Toshiba Semiconductor and Storage
Product description	OPTOISO 3.75KV 1CH GATE DRVR 8SO
Datasheets:	 TLP2451A(TP,F).pdf
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.













Specifications of TLP2451A(TP,F)

PART NUMBER	TLP2451A(TP,F)
MANUFACTURER	Toshiba Semiconductor and Storage
DESCRIPTION	OPTOISO 3.75KV 1CH GATE DRVR 8SO
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 TLP2451A(TP,F).pdf
VOLTAGE - SUPPLY	10 V ~ 30 V
VOLTAGE - ISOLATION	3750Vrms
VOLTAGE - FORWARD (VF) (TYP)	1.55V
TECHNOLOGY	Optical Coupling
SUPPLIER DEVICE PACKAGE	8-SO
SERIES	-
RISE / FALL TIME (TYP)	50ns, 50ns
PULSE WIDTH DISTORTION (MAX)	350ns
PROPAGATION DELAY TPLH / TPHL (MAX)	500ns, 500ns
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	8-SOIC (0.154", 3.90mm Width)
OTHER NAMES	TLP2451A(TPF)TR TLP2451ATPF
OPERATING TEMPERATURE	-40°C ~ 125°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	600mA Gate Driver Optical Coupling 3750Vrms 1 Channel 8-SO
CURRENT - PEAK OUTPUT	600mA
CURRENT - OUTPUT HIGH, LOW	400mA, 400mA
CURRENT - DC FORWARD (IF) (MAX)	25mA
COMMON MODE TRANSIENT IMMUNITY (MIN)	20kV/μs
APPROVALS	CSA, cUL, UL

Related Tags

Toshiba Semiconductor and Storage TLP2451A(TP,F)	TLP2451A(TP,F) Distributor	TLP2451A(TP,F) Supplier
TLP2451A(TP,F) Price	TLP2451A(TP,F) Pictures	TLP2451A(TP,F) Image
TLP2451A(TP,F) PDF Datasheet	TLP2451A(TP,F) Download Datasheet	TLP2451A(TP,F) Datasheet
TLP2451A(TP,F) Stock	Buy TLP2451A(TP,F)	Buy Toshiba Semiconductor and Storage TLP2451A(TP,F)
Toshiba Semiconductor and Storage TLP2451A(TP,F)	Toshiba Semiconductor and Storage Supplier	Toshiba Semiconductor and Storage Distributor
Toshiba Semiconductor and Storage TLP2451A(TP,F)	Toshiba TLP2451A(TP,F)	

Related Products

<div><div>Leading Innovation >>></div></div> <div>TLP241A(D4,TP1,F)</div> <div>Manufacturers: Toshiba Semiconductor and Storage</div> <div>Description: SSR RELAY SPST-NO 2A 0-40V</div> <div>In stock: Out stock</div> <div>RFQ</div>	<div></div> <div>TLP24CA</div> <div>Manufacturers: Littelfuse Inc.</div> <div>Description: HI-REL TVS AXL HP TLP24 BI</div> <div>In stock: Out stock</div> <div>RFQ</div>
<div></div> <div>TLP2468(F)</div> <div>Manufacturers: Toshiba Semiconductor and Storage</div> <div>Description: OPTOISO 3.75KV OPN COLLECTOR 8SO</div> <div>In stock: Out stock</div> <div>RFQ</div>	<div><div>Leading Innovation >>></div></div> <div>TLP241A(F)</div> <div>Manufacturers: Toshiba Semiconductor and Storage</div> <div>Description: SSR RELAY SPST-NO 2A 0-40V</div> <div>In stock: Out stock</div> <div>RFQ</div>
<div></div> <div>TLP241A(TP1,F)</div> <div>Manufacturers: Toshiba Semiconductor and Storage</div> <div>Description: SSR RELAY SPST-NO 2A 0-40V</div> <div>In stock: Out stock</div> <div>RFQ</div>	<div><div>Leading Innovation >>></div></div> <div>TLP241A(LF1,F)</div> <div>Manufacturers: Toshiba Semiconductor and Storage</div> <div>Description: SSR RELAY SPST-NO 2A 0-40V</div> <div>In stock: Out stock</div> <div>RFQ</div>
<div></div> <div>TLP2451A(F)</div> <div>Manufacturers: Toshiba Semiconductor and Storage</div> <div>Description: OPTOISO 3.75KV 1CH GATE DRVR 8SO</div> <div>In stock: 40 pcs</div> <div>RFQ</div>	<div></div> <div>TLP2468(TP,F)</div> <div>Manufacturers: Toshiba Semiconductor and Storage</div> <div>Description: OPTOISO 3.75KV OPN COLLECTOR 8SO</div> <div>In stock: Out stock</div> <div>RFQ</div>
<div></div> <div>TLP241AF(TP4,F)</div> <div>Manufacturers: Toshiba Semiconductor and Storage</div> <div>Description: SSR RELAY SPST-NO 2A 0-40V</div> <div>In stock: Out stock</div> <div>RFQ</div>	<div></div> <div>TLP250(TP1,F)</div> <div>Manufacturers: Toshiba Semiconductor and Storage</div> <div>Description: OPTOISO 2.5KV 1CH GATE DRVR 8SMD</div> <div>In stock: Out stock</div> <div>RFQ</div>
<div></div> <div>TLP24A</div> <div>Manufacturers: Littelfuse Inc.</div> <div>Description: HI-REL TVS AXL HP TLP24 UNI</div> <div>In stock: Out stock</div> <div>RFQ</div>	<div></div> <div>TLP250(F)</div> <div>Manufacturers: Toshiba Semiconductor and Storage</div> <div>Description: OPTOISO 2.5KV 1CH GATE DRVR 8DIP</div> <div>In stock: Out stock</div> <div>RFQ</div>