

Image may be representation. See specifications for product details.

## **TLP2451A(F)**

Part Number:

Manufacturer/Brand:

Product description Datasheets: RoHs Status

Ship From Shipment Way

#### TLP2451A(F)

Toshiba Semiconductor and Storage

OPTOISO 3.75KV 1CH GATE DRVR 8SO

TLP2451A(F).pdf

Lead free / RoHS Compliant

Hong Kong DHL/Fedex/TNT/UPS/EMS

## **REQUEST FOR QUOTATION**

Specifications of TLP2451A(F)

|                                      | Specifications of TLP2451A(F)                              |
|--------------------------------------|--|
|                                      |  |
| PART NUMBER                          | TLP2451A(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(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                            | Tube   |
| PACKAGE / CASE                       | 8-SOIC (0.154", 3.90mm Width)                              |
| OTHER NAMES                          | TLP2451AF  |
| 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(F) | TLP2451A(F) Distributor                    | TLP2451A(F) Supplier                              |
|---|--|---|
| TLP2451A(F) Price                             | TLP2451A(F) Pictures                       | TLP2451A(F) Image                                 |
| TLP2451A(F) PDF Datasheet                     | TLP2451A(F) Download Datasheet             | TLP2451A(F) Datasheet                             |
| TLP2451A(F) Stock                             | Buy TLP2451A(F)                            | Buy Toshiba Semiconductor and Storage TLP2451A(F) |
| Toshiba Semiconductor and Storage TLP2451A(F) | Toshiba Semiconductor and Storage Supplier | Toshiba Semiconductor and Storage Distributor     |
| Toshiba Semiconductor and Storage TLP2451A(F) | Toshiba TLP2451A(F)                        |   |

# **Related Products**

## TLP241A(TP1,F



Manufacturers: Toshiba Semiconductor and Storage Description: SSR RELAY SPST-NO 2A 0-40V

In stock: Out stock

**RFQ** 





Manufacturers: Toshiba Semiconductor and Storage Description: SSR RELAY SPST-NO 2A 0-40V

In stock: Out stock

**RFQ** 



### **TLP2468(TP,F)** Manufacturers: Toshiba Semiconductor and Storage

Description: OPTOISO 3.75KV OPN COLLECTOR 8SO

In stock: Out stock

**RFQ** 



## TLP24A

Manufacturers: Littelfuse Inc. Description: HI-REL TVS AXL HP TLP24 UNI

In stock: Out stock

**RFQ** 





## TLP241A(D4,LF1,F Manufacturers: Toshiba Semiconductor and Storage

Description: SSR RELAY SPST-NO 2A 0-40V

In stock: Out stock

**RFQ** 



## **TLP2468(F)**

Manufacturers: Toshiba Semiconductor and Storage Description: OPTOISO 3.75KV OPN COLLECTOR 8SO In stock: Out stock

**RFQ** 



#### TLP241A(D4,TP1,F Manufacturers: Toshiba Semiconductor and Storage

Description: SSR RELAY SPST-NO 2A 0-40V

In stock: Out stock

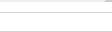
**RFQ** 



#### TLP241AF(TP4,F Manufacturers: Toshiba Semiconductor and Storage

Description: SSR RELAY SPST-NO 2A 0-40V In stock: Out stock

**RFQ** 





# **TLP250(F)**

Manufacturers: Toshiba Semiconductor and Storage Description: OPTOISO 2.5KV 1CH GATE DRVR 8DIP In stock: Out stock

**RFQ** 



### **TLP24CA** Manufacturers: Littelfuse Inc.

Description: HI-REL TVS AXL HP TLP24 BI

In stock: Out stock **RFQ** 



## TLP2451A(TP,F)

Description: OPTOISO 3.75KV 1CH GATE DRVR 8SO In stock: Out stock

Manufacturers: Toshiba Semiconductor and Storage

**RFQ** 



# TLP241A(F

Manufacturers: Toshiba Semiconductor and Storage Description: SSR RELAY SPST-NO 2A 0-40V

In stock: Out stock **RFQ** 













