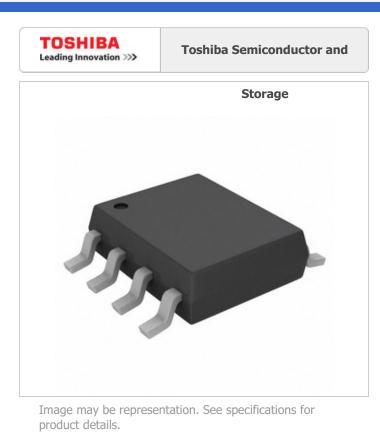
## TLP2451A(TP,F) Details PDF





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**

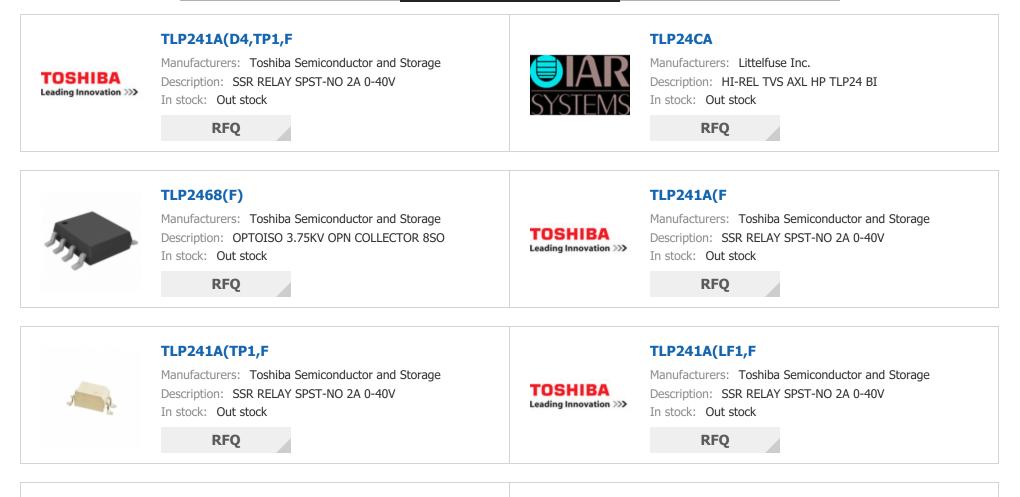
#### Specifications of TLP2451A(TP,F)

| 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<br>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**





### **TLP2451A(F)**

Manufacturers: Toshiba Semiconductor and Storage Description: OPTOISO 3.75KV 1CH GATE DRVR 8SO



#### **TLP2468(TP,F)**

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

In stock: 40 pcs

RFQ

RFQ



#### TLP241AF(TP4,F

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

RFQ



#### **TLP250(TP1,F)**

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

RFQ

#### TLP24A



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

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