

TOSHIBA

Leading Innovation >>>

Toshiba Semiconductor and Storage



Image may be representation. See specifications for product details.

TLP701(F)

|                     |                                   |
|---------------------|-----------------------------------|
| Part Number:        | TLP701(F)                         |
| Manufacturer/Brand: | Toshiba Semiconductor and Storage |
| Product description | OPTOISO 5KV GATE DRIVER 6SDIP GW  |
| Datasheets:         | TLP701(F).pdf                     |
| RoHs Status         | Lead free / RoHS Compliant        |
| Stock Condition     | 87285 pcs stock                   |
| Ship From           | Hong Kong                         |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS             |

REQUEST FOR QUOTATION

Specifications of TLP701(F)

|                                      |                                                                        |
|--------------------------------------|------------------------------------------------------------------------|
| PART NUMBER                          | TLP701(F)                                                              |
| MANUFACTURER                         | Toshiba Semiconductor and Storage                                      |
| DESCRIPTION                          | OPTOISO 5KV GATE DRIVER 6SDIP GW                                       |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                                             |
| QUANTITY AVAILABLE                   | 87285 pcs                                                              |
| DATA SHEET                           | TLP701(F).pdf                                                          |
| VOLTAGE - SUPPLY                     | 10 V ~ 30 V                                                            |
| VOLTAGE - ISOLATION                  | 5000Vrms                                                               |
| VOLTAGE - FORWARD (VF) (TYP)         | 1.55V                                                                  |
| TECHNOLOGY                           | Optical Coupling                                                       |
| SUPPLIER DEVICE PACKAGE              | 6-SDIP Gull Wing                                                       |
| SERIES                               | -                                                                      |
| RISE / FALL TIME (TYP)               | 50ns, 50ns                                                             |
| PULSE WIDTH DISTORTION (MAX)         | -                                                                      |
| PROPAGATION DELAY TPLH / TPHL (MAX)  | 700ns, 700ns                                                           |
| PACKAGING                            | Tube                                                                   |
| PACKAGE / CASE                       | 6-SOIC (0.268", 6.80mm Width)                                          |
| OPERATING TEMPERATURE                | -40°C ~ 100°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 5000Vrms 1 Channel 6-SDIP Gull Wing |
| CURRENT - PEAK OUTPUT                | 600mA                                                                  |
| CURRENT - OUTPUT HIGH, LOW           | 400mA, 400mA                                                           |
| CURRENT - DC FORWARD (IF) (MAX)      | 20mA                                                                   |
| COMMON MODE TRANSIENT IMMUNITY (MIN) | 10kV/μs                                                                |
| APPROVALS                            | cUL, UL                                                                |

Related Tags

|                                             |                                            |                                                 |
|---------------------------------------------|--------------------------------------------|-------------------------------------------------|
| Toshiba Semiconductor and Storage TLP701(F) | TLP701(F) Distributor                      | TLP701(F) Supplier                              |
| TLP701(F) Price                             | TLP701(F) Pictures                         | TLP701(F) Image                                 |
| TLP701(F) PDF Datasheet                     | TLP701(F) Download Datasheet               | TLP701(F) Datasheet                             |
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| Toshiba Semiconductor and Storage TLP701(F) | Toshiba Semiconductor and Storage Supplier | Toshiba Semiconductor and Storage Distributor   |
| Toshiba Semiconductor and Storage TLP701(F) | Toshiba TLP701(F)                          |                                                 |

Related Products

|                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                              |
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| <div><div><div>TOSHIBA</div><div>Leading Innovation &gt;&gt;&gt;</div></div><div><div>TLP701H(TP,F)</div><div>Manufacturers: Toshiba Semiconductor and Storage</div><div>Description: X36 PB-F PHOTOCOUPLER SMD BULK J</div><div>In stock: 157350 pcs</div><div>RFQ</div></div></div> | <div></div> <div><div>TLP705(TP,F)</div><div>Manufacturers: Toshiba Semiconductor and Storage</div><div>Description: OPTOISO 5KV GATE DRIVER 6SDIP GW</div><div>In stock: 5697 pcs</div><div>RFQ</div></div> |
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