

**TOSHIBA**  
Leading Innovation >>>

Toshiba Semiconductor and Storage



Image may be representation. See specifications for product details.

**TLP785(Y,F)**

|                     |                                                                                                                   |
|---------------------|-------------------------------------------------------------------------------------------------------------------|
| Part Number:        | TLP785(Y,F)                                                                                                       |
| Manufacturer/Brand: | Toshiba Semiconductor and Storage                                                                                 |
| Product description | OPTOISOLATR 5KV TRANSISTOR 4-DIP                                                                                  |
| Datasheets:         |  <a href="#">TLP785(Y,F).pdf</a> |
| RoHS Status         |  Lead free / RoHS Compliant      |
| Stock Condition     | 194549 pcs stock                                                                                                  |
| Ship From           | Hong Kong                                                                                                         |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                             |

## REQUEST FOR QUOTATION

## Specifications of TLP785(Y,F)

|                                  |                                                                                                                     |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | TLP785(Y,F)                                                                                                         |
| MANUFACTURER                     | Toshiba Semiconductor and Storage                                                                                   |
| DESCRIPTION                      | OPTOISOLATR 5KV TRANSISTOR 4-DIP                                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                          |
| QUANTITY AVAILABLE               | 194549 pcs                                                                                                          |
| DATA SHEET                       |  <a href="#">TLP785(Y,F).pdf</a> |
| VOLTAGE - OUTPUT (MAX)           | 80V                                                                                                                 |
| VOLTAGE - ISOLATION              | 5000Vrms                                                                                                            |
| VOLTAGE - FORWARD (VF) (TYP)     | 1.15V                                                                                                               |
| VCE SATURATION (MAX)             | 400mV                                                                                                               |
| TURN ON / TURN OFF TIME (TYP)    | 3μs, 3μs                                                                                                            |
| SUPPLIER DEVICE PACKAGE          | 4-DIP                                                                                                               |
| SERIES                           | -                                                                                                                   |
| RISE / FALL TIME (TYP)           | 2μs, 3μs                                                                                                            |
| PACKAGING                        | Tube                                                                                                                |
| PACKAGE / CASE                   | 4-DIP (0.300", 7.62mm)                                                                                              |
| OUTPUT TYPE                      | Transistor                                                                                                          |
| OTHER NAMES                      | TLP785(Y,F(C<br>TLP785(YF)<br>TLP785YF                                                                              |
| OPERATING TEMPERATURE            | -55°C ~ 110°C                                                                                                       |
| NUMBER OF CHANNELS               | 1                                                                                                                   |
| MOUNTING TYPE                    | Through Hole                                                                                                        |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                          |
| INPUT TYPE                       | DC                                                                                                                  |
| DETAILED DESCRIPTION             | Optoisolator Transistor Output 5000Vrms 1 Channel 4-DIP                                                             |
| CURRENT TRANSFER RATIO (MIN)     | 50% @ 5mA                                                                                                           |
| CURRENT TRANSFER RATIO (MAX)     | 150% @ 5mA                                                                                                          |
| CURRENT - OUTPUT / CHANNEL       | 50mA                                                                                                                |
| CURRENT - DC FORWARD (IF) (MAX)  | 60mA                                                                                                                |

## Related Tags

|                                               |                                            |                                                   |
|-----------------------------------------------|--------------------------------------------|---------------------------------------------------|
| Toshiba Semiconductor and Storage TLP785(Y,F) | TLP785(Y,F) Distributor                    | TLP785(Y,F) Supplier                              |
| TLP785(Y,F) Price                             | TLP785(Y,F) Pictures                       | TLP785(Y,F) Image                                 |
| TLP785(Y,F) PDF Datasheet                     | TLP785(Y,F) Download Datasheet             | TLP785(Y,F) Datasheet                             |
| TLP785(Y,F) Stock                             | Buy TLP785(Y,F)                            | Buy Toshiba Semiconductor and Storage TLP785(Y,F) |
| Toshiba Semiconductor and Storage TLP785(Y,F) | Toshiba Semiconductor and Storage Supplier | Toshiba Semiconductor and Storage Distributor     |
| Toshiba Semiconductor and Storage TLP785(Y,F) | Toshiba TLP785(Y,F)                        |                                                   |

## Related Products

|                                                                                    |                                                                                                                                                                                           |                                                                                     |                                                                                                                                                                                            |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p><b>TLP785(TP6,F)</b></p> <p>Manufacturers: Toshiba Semiconductor and Storage</p> <p>Description: OPTOISOLATR 5KV TRANSISTOR 4-SMD</p> <p>In stock: 88613 pcs</p> <p><b>RFQ</b></p>     |  | <p><b>TLP7920(D4-A,F)</b></p> <p>Manufacturers: Toshiba Semiconductor and Storage</p> <p>Description: ISO AMP ANALOG OUTPUT GAIN SAFE</p> <p>In stock: 14846 pcs</p> <p><b>RFQ</b></p>     |
|  | <p><b>TLP785F(GR,F)</b></p> <p>Manufacturers: Toshiba Semiconductor and Storage</p> <p>Description: X36 PB-F TRANSISTOR OPTOCOUPLER</p> <p>In stock: 325511 pcs</p> <p><b>RFQ</b></p>     |  | <p><b>TLP785(GR,F)</b></p> <p>Manufacturers: Toshiba Semiconductor and Storage</p> <p>Description: OPTOISOLATR 5KV TRANSISTOR 4-DIP</p> <p>In stock: 163285 pcs</p> <p><b>RFQ</b></p>      |
|  | <p><b>TLP78TUSBG</b></p> <p>Manufacturers: Tripp Lite</p> <p>Description: SURGE SUPPRESSOR 7 OUT 8'</p> <p>In stock: 1743 pcs</p> <p><b>RFQ</b></p>                                       |  | <p><b>TLP785F(D4GLT7,F)</b></p> <p>Manufacturers: Toshiba Semiconductor and Storage</p> <p>Description: X36 PB-F PHOTOCOUPLER THRU HOLE</p> <p>In stock: 628215 pcs</p> <p><b>RFQ</b></p>  |
|  | <p><b>TLP7920(D4,F)</b></p> <p>Manufacturers: Toshiba Semiconductor and Storage</p> <p>Description: ISO AMP ANALOG OUTPUT SAFETY</p> <p>In stock: 18020 pcs</p> <p><b>RFQ</b></p>         |  | <p><b>TLP7920(D4-B,F)</b></p> <p>Manufacturers: Toshiba Semiconductor and Storage</p> <p>Description: ISOLATION AMPLIFIER; ANALOG OUTP</p> <p>In stock: 22890 pcs</p> <p><b>RFQ</b></p>    |
|  | <p><b>TLP785(GR-TP6,F)</b></p> <p>Manufacturers: Toshiba Semiconductor and Storage</p> <p>Description: OPTOISOLATR 5KV TRANSISTOR 4-SMD</p> <p>In stock: 583479 pcs</p> <p><b>RFQ</b></p> |  | <p><b>TLP785(GRL,F)</b></p> <p>Manufacturers: Toshiba Semiconductor and Storage</p> <p>Description: X36 PB-F TRANSISTOR OPTOCOUPLER</p> <p>In stock: 296327 pcs</p> <p><b>RFQ</b></p>      |
|  | <p><b>TLP785(GR-LF6,F)</b></p> <p>Manufacturers: Toshiba Semiconductor and Storage</p> <p>Description: X36 PB-F TRANSISTOR OPTOCOUPLER</p> <p>In stock: 382070 pcs</p> <p><b>RFQ</b></p>  |  | <p><b>TLP785(GRH-TP6,F)</b></p> <p>Manufacturers: Toshiba Semiconductor and Storage</p> <p>Description: OPTOISOLATR 5KV TRANSISTOR 4-SMD</p> <p>In stock: 127247 pcs</p> <p><b>RFQ</b></p> |