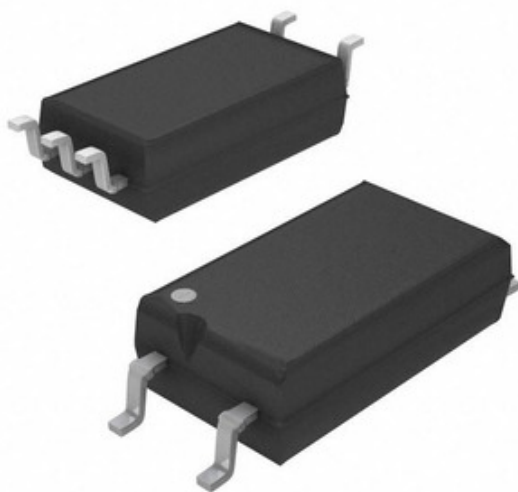




Vishay / Semiconductor - Opto

Division



TCLT1102

|                     |                                                                                                                |
|---------------------|----------------------------------------------------------------------------------------------------------------|
| Part Number:        | TCLT1102                                                                                                       |
| Manufacturer/Brand: | Vishay / Semiconductor - Opto Division                                                                         |
| Product description | OPTOISO 5KV TRANS W/BASE 6SOP                                                                                  |
| Datasheets:         |  <a href="#">TCLT1102.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant   |
| Ship From           | Hong Kong                                                                                                      |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                          |

REQUEST FOR QUOTATION

Specifications of TCLT1102

|                                  |                                                                                                                  |
|----------------------------------|------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | TCLT1102                                                                                                         |
| MANUFACTURER                     | Vishay / Semiconductor - Opto Division                                                                           |
| DESCRIPTION                      | OPTOISO 5KV TRANS W/BASE 6SOP                                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                       |
| DATA SHEET                       |  <a href="#">TCLT1102.pdf</a> |
| VOLTAGE - OUTPUT (MAX)           | 80V                                                                                                              |
| VOLTAGE - ISOLATION              | 5000Vrms                                                                                                         |
| VOLTAGE - FORWARD (VF) (TYP)     | 1.25V                                                                                                            |
| VCE SATURATION (MAX)             | 300mV                                                                                                            |
| TURN ON / TURN OFF TIME (TYP)    | 6µs, 5µs                                                                                                         |
| SUPPLIER DEVICE PACKAGE          | 6-SOP, 5 Pin                                                                                                     |
| SERIES                           | -                                                                                                                |
| RISE / FALL TIME (TYP)           | 3µs, 4.7µs                                                                                                       |
| PACKAGING                        | Tape & Reel (TR)                                                                                                 |
| PACKAGE / CASE                   | 6-SOIC (0.295", 7.50mm Width), 5 Leads                                                                           |
| OUTPUT TYPE                      | Transistor with Base                                                                                             |
| OPERATING TEMPERATURE            | -55°C ~ 100°C                                                                                                    |
| NUMBER OF CHANNELS               | 1                                                                                                                |
| MOUNTING TYPE                    | Surface Mount                                                                                                    |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                    |
| MANUFACTURER STANDARD LEAD TIME  | 8 Weeks                                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                       |
| INPUT TYPE                       | DC                                                                                                               |
| DETAILED DESCRIPTION             | Optoisolator Transistor with Base Output 5000Vrms 1 Channel 6-SOP, 5 Pin                                         |
| CURRENT TRANSFER RATIO (MIN)     | 63% @ 10mA                                                                                                       |
| CURRENT TRANSFER RATIO (MAX)     | 125% @ 10mA                                                                                                      |
| CURRENT - OUTPUT / CHANNEL       | 50mA                                                                                                             |
| CURRENT - DC FORWARD (IF) (MAX)  | 60mA                                                                                                             |

Related Tags

|                                                 |                                                 |                                                     |
|-------------------------------------------------|-------------------------------------------------|-----------------------------------------------------|
| Vishay / Semiconductor - Opto Division TCLT1102 | TCLT1102 Distributor                            | TCLT1102 Supplier                                   |
| TCLT1102 Price                                  | TCLT1102 Pictures                               | TCLT1102 Image                                      |
| TCLT1102 PDF Datasheet                          | TCLT1102 Download Datasheet                     | TCLT1102 Datasheet                                  |
| TCLT1102 Stock                                  | Buy TCLT1102                                    | Buy Vishay / Semiconductor - Opto Division TCLT1102 |
| Vishay / Semiconductor - Opto Division TCLT1102 | Vishay / Semiconductor - Opto Division Supplier | Vishay / Semiconductor - Opto Division Distributor  |
| Vishay / Semiconductor - Opto Division TCLT1102 |                                                 |                                                     |

Related Products

|                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>TCLT1107</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: OPTOISO 5KV TRANS W/BASE 6SOP<br/>In stock: Out stock<br/><div>RFQ</div></div>              | <div></div> <div><b>TCLT1017</b><br/>Manufacturers: Vishay / Semiconductor - Opto Division<br/>Description: OPTOISOLATOR 5KV TRANS SOP-6L4<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>TCLT1104</b><br/>Manufacturers: Vishay / Semiconductor - Opto Division<br/>Description: OPTOISO 5KV TRANS W/BASE SOP-6L5<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>TCLT1103</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: OPTOISO 5KV TRANS W/BASE 6SOP<br/>In stock: Out stock<br/><div>RFQ</div></div>            |
| <div></div> <div><b>TCLT1016</b><br/>Manufacturers: Vishay / Semiconductor - Opto Division<br/>Description: OPTOISOLATOR 5KV TRANS SOP-6L4<br/>In stock: Out stock<br/><div>RFQ</div></div>   | <div></div> <div><b>TCLT1019</b><br/>Manufacturers: Vishay / Semiconductor - Opto Division<br/>Description: OPTOISOLATOR 5KV TRANS SOP-6L4<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>TCLT1100</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: OPTOISO 5KV TRANS W/BASE 6SOP<br/>In stock: Out stock<br/><div>RFQ</div></div>              | <div></div> <div><b>TCLT1105</b><br/>Manufacturers: Vishay / Semiconductor - Opto Division<br/>Description: OPTOISO 5KV TRANS W/BASE 6SOP<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
| <div></div> <div><b>TCLT1108</b><br/>Manufacturers: Vishay / Semiconductor - Opto Division<br/>Description: OPTOISO 5KV TRANS W/BASE 6SOP<br/>In stock: Out stock<br/><div>RFQ</div></div>    | <div></div> <div><b>TCLT1018</b><br/>Manufacturers: Vishay / Semiconductor - Opto Division<br/>Description: OPTOISOLATOR 5KV TRANS SOP-6L4<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>TCLT1106</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: OPTOISO 5KV TRANS W/BASE 6SOP<br/>In stock: Out stock<br/><div>RFQ</div></div>              | <div></div> <div><b>TCLT1101</b><br/>Manufacturers: Vishay / Semiconductor - Opto Division<br/>Description: OPTOISO 5KV TRANS W/BASE SO6L<br/>In stock: Out stock<br/><div>RFQ</div></div>  |