



Electro-Films (EFI) / Vishay

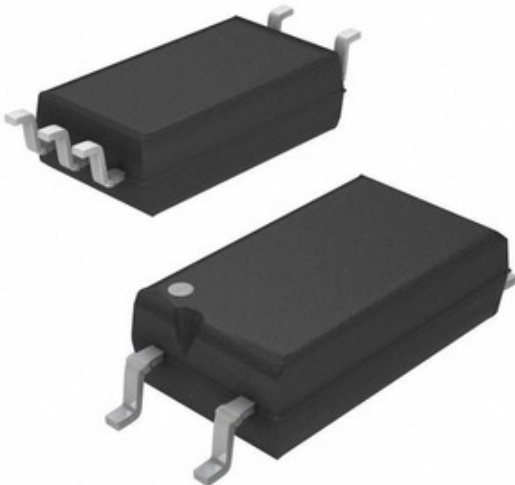


Image may be representation. See specifications for product details.

TCLT1109

|                     |                                                                                                                |
|---------------------|----------------------------------------------------------------------------------------------------------------|
| Part Number:        | TCLT1109                                                                                                       |
| Manufacturer/Brand: | Electro-Films (EFI) / Vishay                                                                                   |
| Product description | OPTOISO 5KV TRANS W/BASE 6SOP                                                                                  |
| Datasheets:         |  <a href="#">TCLT1109.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant   |
| Stock Condition     | 107592 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                      |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                          |

REQUEST FOR QUOTATION

Specifications of TCLT1109

|                                  |                                                                                                                  |
|----------------------------------|------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | TCLT1109                                                                                                         |
| MANUFACTURER                     | Electro-Films (EFI) / Vishay                                                                                     |
| DESCRIPTION                      | OPTOISO 5KV TRANS W/BASE 6SOP                                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                       |
| QUANTITY AVAILABLE               | 107592 pcs                                                                                                       |
| DATA SHEET                       |  <a href="#">TCLT1109.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                        | Cut Tape (CT)                                                                                                    |
| PACKAGE / CASE                   | 6-SOIC (0.295", 7.50mm Width), 5 Leads                                                                           |
| OUTPUT TYPE                      | Transistor with Base                                                                                             |
| OTHER NAMES                      | TCLT1109CT                                                                                                       |
| OPERATING TEMPERATURE            | -55°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                                                                                       |
| INPUT TYPE                       | DC                                                                                                               |
| DETAILED DESCRIPTION             | Optoisolator Transistor with Base Output 5000Vrms 1 Channel 6-SOP, 5 Pin                                         |
| CURRENT TRANSFER RATIO (MIN)     | 200% @ 5mA                                                                                                       |
| CURRENT TRANSFER RATIO (MAX)     | 400% @ 5mA                                                                                                       |
| CURRENT - OUTPUT / CHANNEL       | 50mA                                                                                                             |
| CURRENT - DC FORWARD (IF) (MAX)  | 60mA                                                                                                             |

Related Tags

|                                              |                                       |                                           |
|----------------------------------------------|---------------------------------------|-------------------------------------------|
| Electro-Films (EFI) / Vishay TCLT1109        | TCLT1109 Distributor                  | TCLT1109 Supplier                         |
| TCLT1109 Price                               | TCLT1109 Pictures                     | TCLT1109 Image                            |
| TCLT1109 PDF Datasheet                       | TCLT1109 Download Datasheet           | TCLT1109 Datasheet                        |
| TCLT1109 Stock                               | Buy TCLT1109                          | Buy Electro-Films (EFI) / Vishay TCLT1109 |
| Electro-Films (EFI) / Vishay TCLT1109        | Electro-Films (EFI) / Vishay Supplier | Electro-Films (EFI) / Vishay Distributor  |
| Electro-Films (EFI) / Vishay TCLT1109        | Electro-Films (EFI) / Vishay TCLT1109 | Vishay Electro-Films TCLT1109             |
| Phoenix Passive Components / Vishay TCLT1109 |                                       |                                           |

Related Products

|                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                   |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>TCLT1110</b><br/>Manufacturers: Vishay / Semiconductor - Opto Division<br/>Description: OPTOISO 5KV TRANS W/BASE SOP-6L5<br/>In stock: 351718 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>TCLT1107</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: OPTOISO 5KV TRANS W/BASE 6SOP<br/>In stock: 384549 pcs<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: 489504 pcs<br/><div>RFQ</div></div>              | <div></div> <div><b>TCLT1113</b><br/>Manufacturers: Vishay / Semiconductor - Opto Division<br/>Description: OPTOISO 5KV TRANS W/BASE SOP-6L5<br/>In stock: 326782 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>TCLT1114</b><br/>Manufacturers: Vishay / Semiconductor - Opto Division<br/>Description: OPTOISO 5KV TRANS W/BASE SOP-6L5<br/>In stock: 343361 pcs<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: 432013 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>TCLT1112</b><br/>Manufacturers: Vishay / Semiconductor - Opto Division<br/>Description: OPTOISO 5KV TRANS W/BASE SOP-6L5<br/>In stock: 405139 pcs<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: 416371 pcs<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: 126452 pcs<br/><div>RFQ</div></div>              | <div></div> <div><b>TCLT1115</b><br/>Manufacturers: Vishay / Semiconductor - Opto Division<br/>Description: OPTOISO 5KV TRANS W/BASE SOP-6L5<br/>In stock: 355381 pcs<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: 362420 pcs<br/><div>RFQ</div></div>    | <div></div> <div><b>TCLT1111</b><br/>Manufacturers: Vishay / Semiconductor - Opto Division<br/>Description: OPTOISO 5KV TRANS W/BASE SOP-6L5<br/>In stock: 374921 pcs<br/><div>RFQ</div></div> |