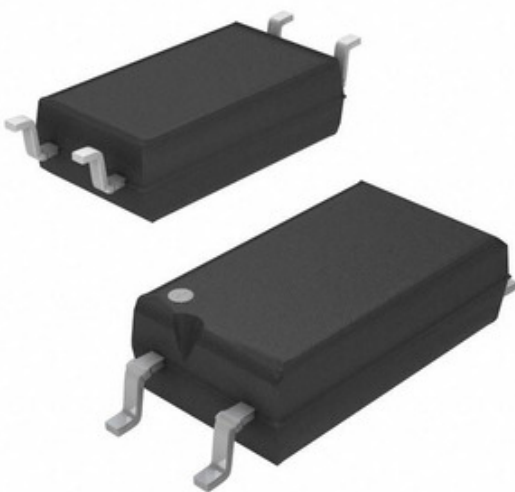




Vishay / Semiconductor - Opto

Division



TCLT1006

|                     |                                                                                                                |
|---------------------|----------------------------------------------------------------------------------------------------------------|
| Part Number:        | TCLT1006                                                                                                       |
| Manufacturer/Brand: | Vishay / Semiconductor - Opto Division                                                                         |
| Product description | OPTOISOLATR 5KV TRANSISTOR 4-SOP                                                                               |
| Datasheets:         |  <a href="#">TCLT1006.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant   |
| Stock Condition     | 479258 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                      |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                          |

REQUEST FOR QUOTATION

Specifications of TCLT1006

|                                  |                                                                                                                  |
|----------------------------------|------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | TCLT1006                                                                                                         |
| MANUFACTURER                     | Vishay / Semiconductor - Opto Division                                                                           |
| DESCRIPTION                      | OPTOISOLATR 5KV TRANSISTOR 4-SOP                                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                       |
| QUANTITY AVAILABLE               | 479258 pcs                                                                                                       |
| DATA SHEET                       |  <a href="#">TCLT1006.pdf</a> |
| VOLTAGE - OUTPUT (MAX)           | 70V                                                                                                              |
| VOLTAGE - ISOLATION              | 5000Vrms                                                                                                         |
| VOLTAGE - FORWARD (VF) (TYP)     | 1.25V                                                                                                            |
| VCE SATURATION (MAX)             | 300mV                                                                                                            |
| TURN ON / TURN OFF TIME (TYP)    | 6µs, 5µs                                                                                                         |
| SUPPLIER DEVICE PACKAGE          | 4-SOP (2.54mm)                                                                                                   |
| SERIES                           | -                                                                                                                |
| RISE / FALL TIME (TYP)           | 3µs, 4.7µs                                                                                                       |
| PACKAGING                        | Tape & Reel (TR)                                                                                                 |
| PACKAGE / CASE                   | 4-SMD, Gull Wing                                                                                                 |
| OUTPUT TYPE                      | Transistor                                                                                                       |
| OTHER NAMES                      | TCLT1006-ND<br>TCLT1006TR                                                                                        |
| 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 Output 5000Vrms 1 Channel 4-SOP (2.54mm)                                                 |
| CURRENT TRANSFER RATIO (MIN)     | 100% @ 5mA                                                                                                       |
| CURRENT TRANSFER RATIO (MAX)     | 300% @ 5mA                                                                                                       |
| CURRENT - OUTPUT / CHANNEL       | 50mA                                                                                                             |
| CURRENT - DC FORWARD (IF) (MAX)  | 60mA                                                                                                             |

Related Tags

|                                                 |                                                 |                                                     |
|-------------------------------------------------|-------------------------------------------------|-----------------------------------------------------|
| Vishay / Semiconductor - Opto Division TCLT1006 | TCLT1006 Distributor                            | TCLT1006 Supplier                                   |
| TCLT1006 Price                                  | TCLT1006 Pictures                               | TCLT1006 Image                                      |
| TCLT1006 PDF Datasheet                          | TCLT1006 Download Datasheet                     | TCLT1006 Datasheet                                  |
| TCLT1006 Stock                                  | Buy TCLT1006                                    | Buy Vishay / Semiconductor - Opto Division TCLT1006 |
| Vishay / Semiconductor - Opto Division TCLT1006 | Vishay / Semiconductor - Opto Division Supplier | Vishay / Semiconductor - Opto Division Distributor  |
| Vishay / Semiconductor - Opto Division TCLT1006 |                                                 |                                                     |

Related Products

|                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                   |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>TCLT1003</b><br/>Manufacturers: Vishay / Semiconductor - Opto Division<br/>Description: OPTOISOLATR 5KV TRANSISTOR 4-SOP<br/>In stock: 373899 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>TCLT1004</b><br/>Manufacturers: Vishay / Semiconductor - Opto Division<br/>Description: OPTOISOLATOR 5KV TRANS SOP-4L<br/>In stock: 489490 pcs<br/><div>RFQ</div></div>    |
| <div></div> <div><b>TCLT1005</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: OPTOISOLATR 5KV TRANSISTOR 4-SOP<br/>In stock: 117985 pcs<br/><div>RFQ</div></div>           | <div></div> <div><b>TCLT1009</b><br/>Manufacturers: Vishay / Semiconductor - Opto Division<br/>Description: OPTOISOLATR 5KV TRANSISTOR 4-SOP<br/>In stock: 396556 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>TCLT1008</b><br/>Manufacturers: Vishay / Semiconductor - Opto Division<br/>Description: OPTOISOLATR 5KV TRANSISTOR 4-SOP<br/>In stock: 480855 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>TCLT1001</b><br/>Manufacturers: Vishay / Semiconductor - Opto Division<br/>Description: OPTOISOLATOR 5KV TRANS SOP-4L<br/>In stock: 505339 pcs<br/><div>RFQ</div></div>    |
| <div></div> <div><b>TCLT1010</b><br/>Manufacturers: Vishay / Semiconductor - Opto Division<br/>Description: OPTOISOLATOR 5KV TRANS SOP-6L4<br/>In stock: 356278 pcs<br/><div>RFQ</div></div>   | <div></div> <div><b>TCLT1000</b><br/>Manufacturers: Vishay / Semiconductor - Opto Division<br/>Description: OPTOISOLATR 5KV TRANSISTOR 4-SOP<br/>In stock: 369754 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>TCLT1007</b><br/>Manufacturers: Vishay / Semiconductor - Opto Division<br/>Description: OPTOISOLATR 5KV TRANSISTOR 4-SOP<br/>In stock: 112340 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>TCLT1011</b><br/>Manufacturers: Vishay / Semiconductor - Opto Division<br/>Description: SOP-6L4 CPLR 110<br/>In stock: 330909 pcs<br/><div>RFQ</div></div>                 |
| <div></div> <div><b>TCLT1002</b><br/>Manufacturers: Vishay / Semiconductor - Opto Division<br/>Description: OPTOISOLATR 5KV TRANSISTOR 4-SOP<br/>In stock: 406219 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>TCLT1012</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: OPTOISOLATOR 5KV TRANS SOP-6L4<br/>In stock: 365718 pcs<br/><div>RFQ</div></div>             |