



Vishay / Semiconductor - Opto

Division



TCMT4100T0

|                     |                                                                                                                  |
|---------------------|------------------------------------------------------------------------------------------------------------------|
| Part Number:        | TCMT4100T0                                                                                                       |
| Manufacturer/Brand: | Vishay / Semiconductor - Opto Division                                                                           |
| Product description | OPTOISO 3.75KV 4CH TRANS 16SOP                                                                                   |
| Datasheets:         |  <a href="#">TCMT4100T0.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant     |
| Stock Condition     | 115483 pcs stock                                                                                                 |
| Ship From           | Hong Kong                                                                                                        |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                            |

REQUEST FOR QUOTATION

Specifications of TCMT4100T0

|                                  |                                                                                                                    |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | TCMT4100T0                                                                                                         |
| MANUFACTURER                     | Vishay / Semiconductor - Opto Division                                                                             |
| DESCRIPTION                      | OPTOISO 3.75KV 4CH TRANS 16SOP                                                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                         |
| QUANTITY AVAILABLE               | 115483 pcs                                                                                                         |
| DATA SHEET                       |  <a href="#">TCMT4100T0.pdf</a> |
| VOLTAGE - OUTPUT (MAX)           | 70V                                                                                                                |
| VOLTAGE - ISOLATION              | 3750Vrms                                                                                                           |
| VOLTAGE - FORWARD (VF) (TYP)     | 1.25V                                                                                                              |
| VCE SATURATION (MAX)             | 300mV                                                                                                              |
| TURN ON / TURN OFF TIME (TYP)    | 6µs, 5µs                                                                                                           |
| SUPPLIER DEVICE PACKAGE          | 16-SOP                                                                                                             |
| SERIES                           | -                                                                                                                  |
| RISE / FALL TIME (TYP)           | 3µs, 4.7µs                                                                                                         |
| PACKAGING                        | Tape & Reel (TR)                                                                                                   |
| PACKAGE / CASE                   | 16-SOIC (0.173", 4.40mm Width)                                                                                     |
| OUTPUT TYPE                      | Transistor                                                                                                         |
| OTHER NAMES                      | TCMT4100T0-ND<br>TCMT4100T0TR                                                                                      |
| OPERATING TEMPERATURE            | -40°C ~ 100°C                                                                                                      |
| NUMBER OF CHANNELS               | 4                                                                                                                  |
| 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 3750Vrms 4 Channel 16-SOP                                                           |
| CURRENT TRANSFER RATIO (MIN)     | 50% @ 5mA                                                                                                          |
| CURRENT TRANSFER RATIO (MAX)     | 600% @ 5mA                                                                                                         |
| CURRENT - OUTPUT / CHANNEL       | 50mA                                                                                                               |
| CURRENT - DC FORWARD (IF) (MAX)  | 60mA                                                                                                               |

Related Tags

|                                                   |                                                 |                                                       |
|---------------------------------------------------|-------------------------------------------------|-------------------------------------------------------|
| Vishay / Semiconductor - Opto Division TCMT4100T0 | TCMT4100T0 Distributor                          | TCMT4100T0 Supplier                                   |
| TCMT4100T0 Price                                  | TCMT4100T0 Pictures                             | TCMT4100T0 Image                                      |
| TCMT4100T0 PDF Datasheet                          | TCMT4100T0 Download Datasheet                   | TCMT4100T0 Datasheet                                  |
| TCMT4100T0 Stock                                  | Buy TCMT4100T0                                  | Buy Vishay / Semiconductor - Opto Division TCMT4100T0 |
| Vishay / Semiconductor - Opto Division TCMT4100T0 | Vishay / Semiconductor - Opto Division Supplier | Vishay / Semiconductor - Opto Division Distributor    |
| Vishay / Semiconductor - Opto Division TCMT4100T0 |                                                 |                                                       |

Related Products

|                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                   |
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| <div></div> <div><b>TCMT4106</b><br/>Manufacturers: Vishay / Semiconductor - Opto Division<br/>Description: OPTOISO 3.75KV 4CH TRANS 16SOP<br/>In stock: 40791 pcs<br/><div>RFQ</div></div>    | <div></div> <div><b>TCMT4600</b><br/>Manufacturers: Vishay / Semiconductor - Opto Division<br/>Description: OPTOISO 3.75KV 4CH TRANS 16-SOP<br/>In stock: 40958 pcs<br/><div>RFQ</div></div>   |
| <div></div> <div><b>TCMT4100</b><br/>Manufacturers: Vishay / Semiconductor - Opto Division<br/>Description: OPTOISO 3.75KV 4CH TRANS 16-SOP<br/>In stock: 113570 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>TCMT1116</b><br/>Manufacturers: Vishay / Semiconductor - Opto Division<br/>Description: OPTOISOLATOR 3.75KV TRANS 4SOP<br/>In stock: 357189 pcs<br/><div>RFQ</div></div>   |
| <div></div> <div><b>TCMV106M100R0050</b><br/>Manufacturers: AVX Corporation<br/>Description: CAP TANT POLY 10UF 20% 100V 2924<br/>In stock: 5068 pcs<br/><div>RFQ</div></div>                  | <div></div> <div><b>TCMT4606</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: OPTOISO 3.75KV 4CH TRANS 16SOP<br/>In stock: 121538 pcs<br/><div>RFQ</div></div>             |
| <div></div> <div><b>TCMT1600T3</b><br/>Manufacturers: Vishay / Semiconductor - Opto Division<br/>Description: OPTOISOLATOR 3.75KV TRANS 4SOP<br/>In stock: 127473 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>TCMT1119</b><br/>Manufacturers: Vishay / Semiconductor - Opto Division<br/>Description: OPTOISOLATOR 3.75KV TRANS 4SOP<br/>In stock: 389655 pcs<br/><div>RFQ</div></div>   |
| <div></div> <div><b>TCMT1118</b><br/>Manufacturers: Vishay / Semiconductor - Opto Division<br/>Description: OPTOISOLATOR 3.75KV TRANS 4SOP<br/>In stock: 405181 pcs<br/><div>RFQ</div></div>   | <div></div> <div><b>TCMT4600T0</b><br/>Manufacturers: Vishay / Semiconductor - Opto Division<br/>Description: OPTOISO 3.75KV 4CH TRANS 16SOP<br/>In stock: 110494 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>TCMT1600</b><br/>Manufacturers: Vishay / Semiconductor - Opto Division<br/>Description: OPTOISOLATOR 3.75KV TRANS 4-SOP<br/>In stock: 433425 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>TCMT1117</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: OPTOISOLATOR 3.75KV TRANS 4SOP<br/>In stock: 383282 pcs<br/><div>RFQ</div></div>             |