



Vishay / Semiconductor - Opto

Division



Image may be representation. See specifications for product details.

TCMT1109

|                     |                                                                                                                |
|---------------------|----------------------------------------------------------------------------------------------------------------|
| Part Number:        | TCMT1109                                                                                                       |
| Manufacturer/Brand: | Vishay / Semiconductor - Opto Division                                                                         |
| Product description | OPTOISOLATOR 3.75KV TRANS 4-SOP                                                                                |
| Datasheets:         |  <a href="#">TCMT1109.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant   |
| Stock Condition     | 462143 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                      |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                          |

REQUEST FOR QUOTATION

Specifications of TCMT1109

|                                  |                                                                                                                  |
|----------------------------------|------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | TCMT1109                                                                                                         |
| MANUFACTURER                     | Vishay / Semiconductor - Opto Division                                                                           |
| DESCRIPTION                      | OPTOISOLATOR 3.75KV TRANS 4-SOP                                                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                       |
| QUANTITY AVAILABLE               | 462143 pcs                                                                                                       |
| DATA SHEET                       |  <a href="#">TCMT1109.pdf</a> |
| VOLTAGE - OUTPUT (MAX)           | 70V                                                                                                              |
| VOLTAGE - ISOLATION              | 3750Vrms                                                                                                         |
| VOLTAGE - FORWARD (VF) (TYP)     | 1.35V                                                                                                            |
| VCE SATURATION (MAX)             | 300mV                                                                                                            |
| TURN ON / TURN OFF TIME (TYP)    | 9.5µs, 8.5µs                                                                                                     |
| SUPPLIER DEVICE PACKAGE          | 4-SOP                                                                                                            |
| SERIES                           | -                                                                                                                |
| RISE / FALL TIME (TYP)           | 5.5µs, 7µs                                                                                                       |
| PACKAGING                        | Tape & Reel (TR)                                                                                                 |
| PACKAGE / CASE                   | 4-SOIC (0.173", 4.40mm Width)                                                                                    |
| OUTPUT TYPE                      | Transistor                                                                                                       |
| OTHER NAMES                      | TCMT1109-ND<br>TCMT1109TR                                                                                        |
| OPERATING TEMPERATURE            | -40°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 3750Vrms 1 Channel 4-SOP                                                          |
| CURRENT TRANSFER RATIO (MIN)     | 200% @ 5mA                                                                                                       |
| CURRENT TRANSFER RATIO (MAX)     | 400% @ 5mA                                                                                                       |
| CURRENT - OUTPUT / CHANNEL       | 50mA                                                                                                             |
| CURRENT - DC FORWARD (IF) (MAX)  | 60mA                                                                                                             |

Related Tags

|                                                 |                                                 |                                                     |
|-------------------------------------------------|-------------------------------------------------|-----------------------------------------------------|
| Vishay / Semiconductor - Opto Division TCMT1109 | TCMT1109 Distributor                            | TCMT1109 Supplier                                   |
| TCMT1109 Price                                  | TCMT1109 Pictures                               | TCMT1109 Image                                      |
| TCMT1109 PDF Datasheet                          | TCMT1109 Download Datasheet                     | TCMT1109 Datasheet                                  |
| TCMT1109 Stock                                  | Buy TCMT1109                                    | Buy Vishay / Semiconductor - Opto Division TCMT1109 |
| Vishay / Semiconductor - Opto Division TCMT1109 | Vishay / Semiconductor - Opto Division Supplier | Vishay / Semiconductor - Opto Division Distributor  |
| Vishay / Semiconductor - Opto Division TCMT1109 |                                                 |                                                     |

Related Products

|                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>TCMT1112</b><br/>Manufacturers: Vishay / Semiconductor - Opto Division<br/>Description: OPTOISOLATOR 3.75KV TRANS 4SOP<br/>In stock: 4136 pcs<br/><div>RFQ</div></div>    | <div></div> <div><b>TCMT1115</b><br/>Manufacturers: Vishay / Semiconductor - Opto Division<br/>Description: OPTOISOLATOR 3.75KV TRANS 4SOP<br/>In stock: 3473 pcs<br/><div>RFQ</div></div>    |
| <div></div> <div><b>TCMT1108</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: OPTOISOLATOR 3.75KV TRANS 4-SOP<br/>In stock: 144172 pcs<br/><div>RFQ</div></div>           | <div></div> <div><b>TCMT1113</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: OPTOISOLATOR 3.75KV TRANS 4SOP<br/>In stock: 422298 pcs<br/><div>RFQ</div></div>            |
| <div></div> <div><b>TCMT1105</b><br/>Manufacturers: Vishay / Semiconductor - Opto Division<br/>Description: OPTOISOLATOR 3.75KV TRANS 4-SOP<br/>In stock: 417383 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>TCMT1107</b><br/>Manufacturers: Vishay / Semiconductor - Opto Division<br/>Description: OPTOISOLATOR 3.75KV TRANS 4-SOP<br/>In stock: 391133 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>TCMT1103</b><br/>Manufacturers: Vishay / Semiconductor - Opto Division<br/>Description: OPTOISOLATOR 3.75KV TRANS 4-SOP<br/>In stock: 428003 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>TCMT1110</b><br/>Manufacturers: Vishay / Semiconductor - Opto Division<br/>Description: OPTOISOLATOR 3.75KV TRANS 4SOP<br/>In stock: 392739 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>TCMT1104</b><br/>Manufacturers: Vishay / Semiconductor - Opto Division<br/>Description: OPTOISOLATOR 3.75KV TRANS 4-SOP<br/>In stock: 401898 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>TCMT1106</b><br/>Manufacturers: Vishay / Semiconductor - Opto Division<br/>Description: OPTOISOLATOR 3.75KV TRANS 4-SOP<br/>In stock: 382251 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>TCMT1111</b><br/>Manufacturers: Vishay / Semiconductor - Opto Division<br/>Description: OPTOISOLATOR 3.75KV TRANS 4SOP<br/>In stock: 4553 pcs<br/><div>RFQ</div></div>    | <div></div> <div><b>TCMT1114</b><br/>Manufacturers: Vishay / Semiconductor - Opto Division<br/>Description: OPTOISOLATOR 3.75KV TRANS 4SOP<br/>In stock: 3788 pcs<br/><div>RFQ</div></div>    |