

 **Vishay / Semiconductor - Opto**

TCLT1002

Part Number:	TCLT1002
Manufacturer/Brand:	Vishay / Semiconductor - Opto Division
Product description:	OPTOISOLATR 5KV TRANSISTOR 4-SOP
Datasheets:	 TCLT1002.pdf
RoHS Status:	 Lead free / RoHS Compliant
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

Division

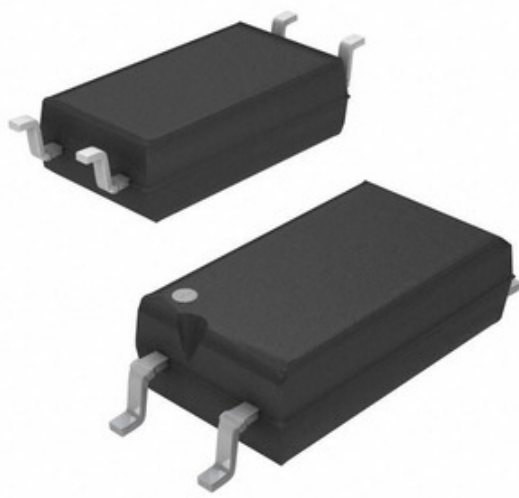



Image may be representation. See specifications for product details.

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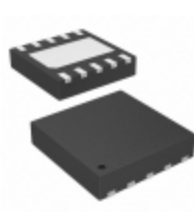








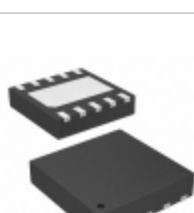


Specifications of TCLT1002

PART NUMBER	TCLT1002
MANUFACTURER	Vishay / Semiconductor - Opto Division
DESCRIPTION	OPTOISOLATR 5KV TRANSISTOR 4-SOP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 TCLT1002.pdf
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	TCLT1002-ND TCLT1002TR
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 Output 5000Vrms 1 Channel 4-SOP (2.54mm)
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 TCLT1002	TCLT1002 Distributor	TCLT1002 Supplier
TCLT1002 Price	TCLT1002 Pictures	TCLT1002 Image
TCLT1002 PDF Datasheet	TCLT1002 Download Datasheet	TCLT1002 Datasheet
TCLT1002 Stock	Buy TCLT1002	Buy Vishay / Semiconductor - Opto Division TCLT1002
Vishay / Semiconductor - Opto Division TCLT1002	Vishay / Semiconductor - Opto Division Supplier	Vishay / Semiconductor - Opto Division Distributor
Vishay / Semiconductor - Opto Division TCLT1002		

Related Products

 <p>TCLAMP3302N.TCT Manufacturers: Semtech Description: TVS DIODE 3.3V 25V SLP2626P10 In stock: Out stock RFQ</p>	 <p>TCLT1006 Manufacturers: Vishay / Semiconductor - Opto Division Description: OPTOISOLATR 5KV TRANSISTOR 4-SOP In stock: Out stock RFQ</p>
 <p>TCLD1000 Manufacturers: Vishay / Semiconductor - Opto Division Description: OPTOISOLTR 5KV DARLINGTON 4-SOP In stock: Out stock RFQ</p>	 <p>TCLT1007 Manufacturers: Vishay / Semiconductor - Opto Division Description: OPTOISOLATR 5KV TRANSISTOR 4-SOP In stock: Out stock RFQ</p>
 <p>TCLT1004 Manufacturers: Vishay / Semiconductor - Opto Division Description: OPTOISOLATOR 5KV TRANS SOP-4L In stock: Out stock RFQ</p>	 <p>TCLT1005 Manufacturers: Electro-Films (EFI) / Vishay Description: OPTOISOLATR 5KV TRANSISTOR 4-SOP In stock: Out stock RFQ</p>
 <p>TCLAMP3312N.TCT Manufacturers: Semtech Description: TVS DIODE 3.3V SLP2626P10 In stock: Out stock RFQ</p>	 <p>TCLT1008 Manufacturers: Vishay / Semiconductor - Opto Division Description: OPTOISOLATR 5KV TRANSISTOR 4-SOP In stock: Out stock RFQ</p>
 <p>TCLT1003 Manufacturers: Vishay / Semiconductor - Opto Division Description: OPTOISOLATR 5KV TRANSISTOR 4-SOP In stock: Out stock RFQ</p>	 <p>TCLAMP2512N.TCT Manufacturers: Semtech Description: TVS DIODE 2.5V SLP2626P10 In stock: Out stock RFQ</p>
 <p>TCLT1000 Manufacturers: Vishay / Semiconductor - Opto Division Description: OPTOISOLATR 5KV TRANSISTOR 4-SOP In stock: Out stock RFQ</p>	 <p>TCLT1001 Manufacturers: Vishay / Semiconductor - Opto Division Description: OPTOISOLATOR 5KV TRANS SOP-4L In stock: Out stock RFQ</p>