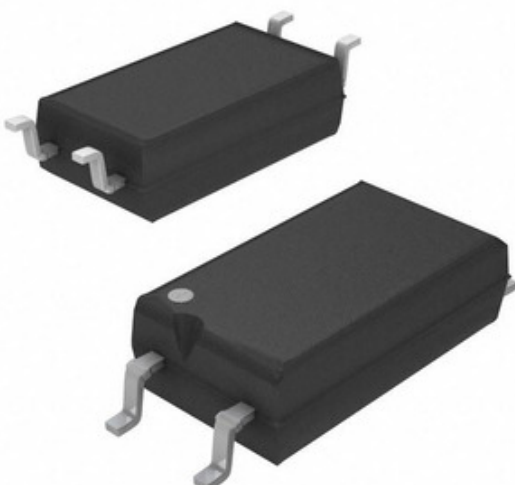




Vishay / Semiconductor - Opto

Division



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
Stock Condition	406219 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

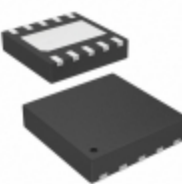
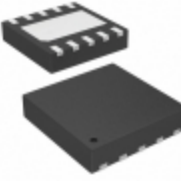
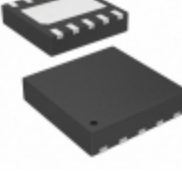
Specifications of TCLT1002

PART NUMBER	TCLT1002
MANUFACTURER	Vishay / Semiconductor - Opto Division
DESCRIPTION	OPTOISOLATR 5KV TRANSISTOR 4-SOP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	406219 pcs
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)
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

 TCLT1005 Manufacturers: Electro-Films (EFI) / Vishay Description: OPTOISOLATR 5KV TRANSISTOR 4-SOP In stock: 117985 pcs RFQ	 TCLAMP3302N.TCT Manufacturers: Semtech Description: TVS DIODE 3.3V 25V SLP2626P10 In stock: 28718 pcs RFQ
 TCLAMP2512N.TCT Manufacturers: Semtech Description: TVS DIODE 2.5V SLP2626P10 In stock: 43236 pcs RFQ	 TCLT1000 Manufacturers: Vishay / Semiconductor - Opto Division Description: OPTOISOLATR 5KV TRANSISTOR 4-SOP In stock: 369754 pcs RFQ
 TCLT1003 Manufacturers: Vishay / Semiconductor - Opto Division Description: OPTOISOLATR 5KV TRANSISTOR 4-SOP In stock: 373899 pcs RFQ	 TCLT1007 Manufacturers: Vishay / Semiconductor - Opto Division Description: OPTOISOLATR 5KV TRANSISTOR 4-SOP In stock: 112340 pcs RFQ
 TCLT1008 Manufacturers: Vishay / Semiconductor - Opto Division Description: OPTOISOLATR 5KV TRANSISTOR 4-SOP In stock: 480855 pcs RFQ	 TCLAMP3312N.TCT Manufacturers: Semtech Description: TVS DIODE 3.3V SLP2626P10 In stock: 56404 pcs RFQ
 TCLT1006 Manufacturers: Vishay / Semiconductor - Opto Division Description: OPTOISOLATR 5KV TRANSISTOR 4-SOP In stock: 479258 pcs RFQ	 TCLD1000 Manufacturers: Vishay / Semiconductor - Opto Division Description: OPTOISOLTR 5KV DARLINGTON 4-SOP In stock: 380879 pcs RFQ
 TCLT1001 Manufacturers: Vishay / Semiconductor - Opto Division Description: OPTOISOLATOR 5KV TRANS SOP-4L In stock: 505339 pcs RFQ	 TCLT1004 Manufacturers: Vishay / Semiconductor - Opto Division Description: OPTOISOLATOR 5KV TRANS SOP-4L In stock: 489490 pcs RFQ