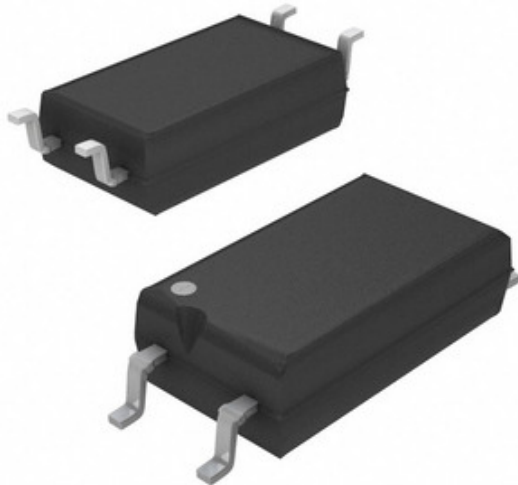




Vishay / Semiconductor - Opto

Division



TCLT1018

Part Number:	TCLT1018
Manufacturer/Brand:	Vishay / Semiconductor - Opto Division
Product description	OPTOISOLATOR 5KV TRANS SOP-6L4
Datasheets:	 TCLT1018.pdf
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of TCLT1018

PART NUMBER	TCLT1018
MANUFACTURER	Vishay / Semiconductor - Opto Division
DESCRIPTION	OPTOISOLATOR 5KV TRANS SOP-6L4
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 TCLT1018.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-LSOP (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	TCLT1018-ND TCLT1018TR
OPERATING TEMPERATURE	-55°C ~ 110°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-LSOP (2.54mm)
CURRENT TRANSFER RATIO (MIN)	130% @ 5mA
CURRENT TRANSFER RATIO (MAX)	260% @ 5mA
CURRENT - OUTPUT / CHANNEL	50mA
CURRENT - DC FORWARD (IF) (MAX)	60mA

Related Tags

Vishay / Semiconductor - Opto Division TCLT1018	TCLT1018 Distributor	TCLT1018 Supplier
TCLT1018 Price	TCLT1018 Pictures	TCLT1018 Image
TCLT1018 PDF Datasheet	TCLT1018 Download Datasheet	TCLT1018 Datasheet
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Vishay / Semiconductor - Opto Division TCLT1018		

Related Products

 TCLT1102 Manufacturers: Vishay / Semiconductor - Opto Division Description: OPTOISO 5KV TRANS W/BASE 6SOP In stock: Out stock RFQ	 TCLT1012 Manufacturers: Electro-Films (EFI) / Vishay Description: OPTOISOLATOR 5KV TRANS SOP-6L4 In stock: Out stock RFQ
 TCLT1019 Manufacturers: Vishay / Semiconductor - Opto Division Description: OPTOISOLATOR 5KV TRANS SOP-6L4 In stock: Out stock RFQ	 TCLT1017 Manufacturers: Vishay / Semiconductor - Opto Division Description: OPTOISOLATOR 5KV TRANS SOP-6L4 In stock: Out stock RFQ
 TCLT1014 Manufacturers: Vishay / Semiconductor - Opto Division Description: OPTOISOLATOR 5KV TRANS SOP-6L4 In stock: Out stock RFQ	 TCLT1103 Manufacturers: Electro-Films (EFI) / Vishay Description: OPTOISO 5KV TRANS W/BASE 6SOP In stock: Out stock RFQ
 TCLT1016 Manufacturers: Vishay / Semiconductor - Opto Division Description: OPTOISOLATOR 5KV TRANS SOP-6L4 In stock: Out stock RFQ	 TCLT1101 Manufacturers: Vishay / Semiconductor - Opto Division Description: OPTOISO 5KV TRANS W/BASE SO6L In stock: Out stock RFQ
 TCLT1104 Manufacturers: Vishay / Semiconductor - Opto Division Description: OPTOISO 5KV TRANS W/BASE SOP-6L5 In stock: Out stock RFQ	 TCLT1100 Manufacturers: Electro-Films (EFI) / Vishay Description: OPTOISO 5KV TRANS W/BASE 6SOP In stock: Out stock RFQ
 TCLT1015 Manufacturers: Vishay / Semiconductor - Opto Division Description: OPTOISOLATOR 5KV TRANS SOP-6L4 In stock: Out stock RFQ	 TCLT1013 Manufacturers: Electro-Films (EFI) / Vishay Description: OPTOISOLATOR 5KV TRANS SOP-6L4 In stock: Out stock RFQ