



Product Change Notification



Product Group: OPT/Mon Oct 10, 2022/PCN-OPT-1229-2022-REV-0

TCPT1300X01/TCUT1300X01: Change of IR emitter chip and wafer diameter for Phototransistor

DESCRIPTION OF CHANGE: Change in Chips:

- A new IR Emitter chip generation will be introduced
- The Phototransistors are now manufactured on 6 inch wafers instead of the 4 inch wafers
- Wire diameter for Phototransistors has changed from 32um to 20um

This change results in no change in device characteristics nor in the fit, form and function.

No change in datasheet.

REASON FOR CHANGE: IR Emitters: Introduction of new chip generation
Phototransistors : Discontinuation of the 4 inch wafer substrates

EXPECTED INFLUENCE ON QUALITY/RELIABILITY/PERFORMANCE: No influence on quality, reliability and performance expected.
Nevertheless, we recommend to test the product in customers application

PART NUMBERS/SERIES/FAMILIES AFFECTED: TCPT1300X01, TCPT1300X01M, TCUT1300X01, TCUT1300X01M, TCUT1300X01MQ

VISHAY BRAND(s): Vishay Semiconductors

TIME SCHEDULE:

Start Shipment Date: Thu Jun 1, 2023

SAMPLE AVAILABILITY: 10/15/2022

PRODUCT IDENTIFICATION: Datecode and special label

QUALIFICATION DATA: Available upon request

This PCN is considered approved, without further notification, unless we receive specific customer concerns before Wed Nov 9, 2022 or as specified by contract.

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For further information, please contact your regional Vishay office.

CONTACT INFORMATION:

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