



Product Change Notification



Product Group: Optoelectronics 01-JUN-2023 / PCN OPT-1264-2023 Rev. 0

*The information included herein is confidential and property of VISHAY Semiconductors.
It shall not be revealed to non-entitled persons*

TITLE: Second source of emitter chip for IL4x and BRTx series

DESCRIPTION OF CHANGE: Introduction of an alternative, Vishay-fabricated emitter chip

CLASSIFICATION OF CHANGE: Direct Materials (Major)

REASON FOR CHANGE: To ensure product availability, Vishay introduces an alternative, in-house fabricated infrared emitter chip to be used in the IL4X and BRTx phototriacs. It will be used interchangeably with the current emitter.

EXPECTED INFLUENCE ON QUALITY RELIABILITY / PERFORMANCE: There is no impact on the form, fit, or function. Quality and performance remain the same.

- The part numbers will not change.
- The datasheet minimum and maximum performance parameters will remain the same.
- Because the safety parameters do not change, the existing UL, VDE and other agency safety certifications remain valid.

PRODUCT CATEGORY: Optocouplers, Isolators

PART NUMBERS / SERIES / FAMILIES AFFECTED:

IL4X and BRTx phototriacs.

VISHAY BRAND(s): VISHAY SEMICONDUCTORS

TIME SCHEDULE:

Start Shipment Date: 01-SEP-2023

SAMPLES AVAILABLE BEGINNING: 01-JUN-2023

We need samples for evaluation: ☐Yes ☐No
If Yes return this form to contact information below.

Annotations about time schedule:

Components with the change implemented could start shipping on or after the start shipment date and will be a function of the availability of the emitter chips.

PRODUCT IDENTIFICATION: There is no change in product identification

QUALIFICATION DATA: This change has been rigorously qualified by company and industry standard

This PCN is considered approved, without further notification, unless we receive specific customer concerns before: 01-SEP-2023 or as specified by contract.

ISSUED BY:

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For further Information, please contact your regional Vishay office.

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Attached Part Number List:

IL410 IL410-310T IL410-X001 IL410-X006 IL410-X007 IL410-X007T IL410-X008T IL410-X009T
IL410-X016 IL410-X017 IL410-X019T IL4108 IL4108-X007 IL4108-X007T IL4108-X009 IL4108-X009T
IL4108-X016 IL4108-X017 IL4116 IL4116-X007 IL4116-X007T IL4116-X009T IL4117 IL4117-X007
IL4118 IL4118-X006 IL4118-X007 IL4118-X007T IL4118-X009T IL4118-X017 IL4118-X017T IL420
IL420-X001 IL420-X006 IL420-X007 IL420-X007T IL420-X009 IL420-X009T IL420-X016 IL420-X017
IL420-X017T IL4208 IL4208-X007 IL4208-X007T IL4208-X009 IL4208-X009T IL4208-X017T IL4216
IL4216-2010 IL4216-X001 IL4216-X007T IL4216-X016 IL4217 IL4218 IL4218-X001 IL4218-X006
IL4218-X017 IL4218-X017T IL4218-X019 IL4218-X019T BRT11H BRT12F BRT12F-X007T BRT12H
BRT12H-X001 BRT12H-X006 BRT12H-X007T BRT12H-X009T BRT12H-X016 BRT12M BRT12M-X001
BRT13H BRT13H-X006 BRT13H-X007 BRT13H-X007T BRT13H-X009T BRT13H-X017T BRT21H
BRT22F BRT22F E6916 BRT22F E6917 BRT22F-X001 BRT22F-X007T BRT22F-X009T BRT22F-X009T-
3001 BRT22H BRT22H-X007 BRT22H-X007T BRT22H-X016 BRT23F BRT23F-X006 BRT23F-X007T
BRT23F-X009T BRT23H BRT23H-X001 BRT23H-X007 BRT23H-X007T BRT23H-X016