



Product Change Notification



Product Group: OPT/Thu Sep 22, 2022/PCN-OPT-1237-2022-REV-0

Second source of photodetector for IL4x and BRTx series

DESCRIPTION OF CHANGE: Introduction of a Vishay-fabricated photodetector

REASON FOR CHANGE: To ensure product availability for years to come, Vishay introduces an inhouse designed and fabricated photodetector as an alternative to the existing photodetector used in the IL4X and BRTx phototriacs. By manufacturing the finished product, the infrared emitter, and now the photodetector, our phototriac line is more vertically integrated. Both sources of the photodetector will be used in the near-term for a smooth transition.

EXPECTED INFLUENCE ON QUALITY/RELIABILITY/PERFORMANCE: There is no impact on the form, fit, or function of the IL4x and BRTx phototriacs. 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.

PART NUMBERS/SERIES/FAMILIES AFFECTED: Please see materials list on the succeeding page.

VISHAY BRAND(s): Vishay Semiconductors

TIME SCHEDULE:

Start Shipment Date: Tue Nov 22, 2022

SAMPLE AVAILABILITY: 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 detector chips

PRODUCT IDENTIFICATION: There is no change in product identification

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

This PCN is considered approved, without further notification, unless we receive specific customer concerns before Sat Oct 22, 2022 or as specified by contract.

ISSUED BY: Achim Kruck, achim.kruck@vishay.com

For further information, please contact your regional Vishay office.

CONTACT INFORMATION:

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ONE OF THE WORLD'S LARGEST MANUFACTURERS OF DISCRETE SEMICONDUCTORS AND PASSIVE COMPONENT



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BRT11H	BRT12F	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-X001	BRT22F-X007T
BRT22F-X009T	BRT22H	BRT22H-X007	BRT22H-X007T	BRT22H-X016
BRT23F	BRT23F-X006	BRT23F-X007T	BRT23F-X009T	BRT23H
BRT23H-X001	BRT23H-X007	BRT23H-X007T	BRT23H-X016	BRT12F-X007T
BRT23H-X018T	IL410	IL410-X001	IL410-X007	IL410-X007T
IL410-X009T	IL410-X016	IL410-X017	IL410-X019T	IL4108
IL4108-X007	IL4108-X007T	IL4108-X009T	IL4108-X016	IL4108-X017
IL4116	IL4116-X007	IL4116-X007T	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-X001	IL4216-X007T
IL4216-X016	IL4217	IL4218	IL4218-X001	IL4218-X006
IL4218-X017	IL4218-X017T	IL4218-X019	IL4218-X019T	IL410-X006
IL410-X008T	IL4108-X009	IL4116-X009T	IL4117	BRT22F E6916
BRT22F E6917	BRT22F-X009T-3001	IL410-310T	IL4216-2010	

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