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Product Change Notification



Product Group: OPT/Wednesday December 18, 2024/PCN-OPT-1364-2024-REV-0

Product and Process Improvements for Optocouplers with Phototransistor and Darlington Output in SOIC-8 Package

For further information, please contact your regional Vishay office.

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Description of Change: 1. Updated lead frame plating.

2. Change from an external supplier to an in-house photodetector.

3. Qualification of alternative in-house emitter.

4. Change from 30 µm to 25 µm bond wire.

Remark: IL22xAT and VO22xAT are already using the latest materials, only change No. 2 is applicable.

Reason for Change: To support Vishay's increasing demand requirements, to streamline the production and to assure long-term product availability, we have qualified our in-house fabricated photodetector chip. In addition, to allow flexibility in manufacturing, we have also qualified an alternative in-house emitter die. The components covered by this PCN will start shipping on or after the below mentioned start shipment date unless already approved by customer. The exact date will depend on the depletion of the existing product inventories and current agreed contracts.

Expected Influence on Quality/Reliability/Performance: There is no change in form, fit, or function. The datasheet minimum and maximum performance parameters will remain the same. As there is no change in the safety parameters, the existing UL, VDE, and other agency safety certifications remain valid. Nevertheless, we request our customers to test the product in their specific application.

Part Numbers/Series/Families Affected: Please see materials list on the succeeding page.

Vishay Brand(S): Vishay Semiconductors

Time Schedule:

Start Shipment Date: Tuesday April 1, 2025

Sample Availability: Samples are available upon request.

Product Identification: Product can be tracked by lot number.

Qualification Data: These changes have been rigorously qualified to meet Vishay's and industry standard qualifications.

This PCN is considered approved, without further notification, unless we receive specific customer concerns before Friday March 14, 2025 or as specified by contract.

Issued By: Lars Bayer, lars.bayer@vishay.com

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ILD1206T	ILD1207T	ILD205T	ILD206T	ILD207*
ILD211T	ILD213*	ILD217*	ILD223T	VOD205T
VOD206T	VOD207T	VOD211T	VOD213T	VOD217T
VOD223T	IL221AT	IL222AT	IL223AT	VO221AT
VO222AT	VO223AT			