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

For further information, please contact your regional Vishay office.

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Description of Change:

- New mold compound for inner and outer mold
- Updated lead frame plating
- Migration to 25-µm wire bonding
- Qualification of second in-house emitter

Reason for Change: Vishay Opto is streamlining the production process and focusing our supply chain. These changes enable the use of the same materials, construction, and assembly processes that are employed on other optocouplers Vishay manufactures. In addition, to support Vishay's increasing demand requirements, to allow flexibility in manufacturing, and to assure long-term product availability, we have qualified an alternative emitter die.

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. Nevertheless, we request our customers to test the product in their specific application. As there is no change in the safety parameters, 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: Thu Aug 1, 2024

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 Sun Jun 30, 2024 or as specified by contract.

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



Product Change Notification



Product Group: OPT/Wed Apr 24, 2024/PCN-OPT-1302-2023-REV-0

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IL1206AT	IL1207AT	IL1208AT	IL205AT	IL206AT
IL206AT-3027	IL207AT	IL207A-X001T	IL208AT	IL211AT
IL212AT	IL213AT	IL215AT	IL216AT	IL217A-3088
IL217AT	IL221AT	IL222AT	IL223AT	IL256AT
IL256AT-2037	VO205AT	VO206AT	VO207AT	VO208AT
VO215AT	VO216AT	VO217AT	VO221AT	VO222AT
VO223AT				