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Production line harmonization and new chipset introduction for DIP-8 1 MBd High Speed optocoupler

For further information, please contact your regional Vishay office.

CONTACT INFORMATION

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- Description of Change:**
- the bond wire diameter will change from 30 µm to the standard 25 µm
 - the lead frames will be updated and change from Cu to Ni plating on the emitter side
 - the outer mold compound will be harmonized with the production line
 - the emitter chip will be fabricated using the new inhouse process
 - A second or alternative detector chip will be introduced for manufacturing flexibility

Reason for Change: To harmonize the DIP-8 1 MBd high speed optocoupler products

Expected Influence on Quality/Reliability/Performance: No influence on quality, reliability and performance expected. 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: Sat Feb 1, 2025

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 chipset

Product Identification: By lot marking number

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 Sat Feb 1, 2025 or as specified by contract.

Issued By: Achim Kruck, achim.kruck@vishay.com



Product Change Notification



Product Group: OPT/Fri Oct 25, 2024/PCN-OPT-1349-2024-REV-0

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SFH6345	SFH6345	E9540	SFH6345-X001	SFH6345-X007
SFH6345-X007T	SFH6345-X009	SFH6345-X009T	SFH6345-X016	SFH6345-X017T
SFH6345-X019	SFH6345-X019T			