Package Construction Changes for Phototransistor Optocouplers in DIL-4 and DIL-6 Packages

For further information, please contact your regional Vishay office.

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Description of Change: The following changes will be implemented for Vishay phototransistor optocouplers in DIL-4 and DIL-6 packages:

1. Replacement of existing molding compounds with Vishay Green molding materials to support environmental compliance and production harmonization.
2. Qualification and implementation of an alternative emitter die source, including an alternative qualified emitter coating material, to enhance supply chain robustness and harmonize production.
3. Conversion to internally manufactured detector chips processed on 6-inch wafers.
4. Reduction of bond wire diameter on both emitter and detector sides as part of process optimization.
5. For THT (DIP-4 and DIP-6) products, replacement of the current tube stopper (rivet plug) with a standard rubber plug to align manufacturing processes across production sites.

Reason for Change: Vishay is continuously optimizing its manufacturing processes to improve production efficiency, increase supply chain robustness, and support the transition to environmentally friendly Green materials for DIL-4 and DIL-6 optocouplers.
Due to the unexpected difficulties of molding compound deliveries to one of our subcontractors, the implementation of these changes must be accelerated to ensure uninterrupted product availability and maintain delivery capability. All new materials, components, and process modifications have been fully qualified prior to implementation and are already being successfully utilized in high-volume production for other Vishay products.

Expected Influence on Quality/Reliability/Performance: There is no change to the product form, fit, function, quality, reliability, or specified performance parameters. The datasheet minimum and maximum performance parameters will remain the same. 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 November 24, 2026

Sample Availability: Samples are available upon request.

Product Identification: Product can be tracked by date code.

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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 Saturday October 24, 2026 or as specified by contract.

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

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4N25	4N26	4N27	4N28	4N35
4N36	4N37	CNY17-1.	CNY17-2.	CNY17-3.
CNY17-4.	CNY17G-1	CNY17G-2	CNY17G-3	CNY17G-4
CNY75A	CNY75B	CNY75C	CNY75GA	CNY75GB
CNY75GC	CQY80N	CQY80NG	TCDT1100G	TCDT1101
TCDT1101G	TCDT1102	TCDT1102G	TCDT1103	TCDT1103G
TCDT1110	TCDT1120	TCDT1120G	TCDT1122	TCDT1122G
TCDT1123G	TCDT1124	TCDT1124G	TCET1100	TCET1100G
TCET1101G	TCET1102	TCET1102G	TCET1103	TCET1103G
TCET1104G	TCET1106	TCET1106G	TCET1107	TCET1107G
TCET1108	TCET1108G	TCET1109	TCET1109G	TCET1113
TCET1113G	TCET1114G	VO610A-1	VO610A-1X019T	VO610A-2
VO610A-3	VO610A-3X001	VO610A-3X007T	VO610A-3X008T	VO610A-3X009T
VO610A-3X016	VO610A-3X018T	VO610A-3X019T	VO610A-4X008T	VO610A-4X017T
VO610A-4X019T	VO615A	VO615A-1	VO615A-1X001	VO615A-1X006
VO615A-1X007T	VO615A-1X009T	VO615A-1X017T	VO615A-1X019T	VO615A-2
VO615A-2X001	VO615A-2X006	VO615A-2X007T	VO615A-2X009T	VO615A-2X016
VO615A-2X019T	VO615A-3	VO615A-3X001	VO615A-3X006	VO615A-3X007T
VO615A-3X008T	VO615A-3X009T	VO615A-3X016	VO615A-3X017T	VO615A-3X018T
VO615A-3X019T	VO615A-4	VO615A-4X001	VO615A-4X006	VO615A-4X007T
VO615A-4X009T	VO615A-4X016	VO615A-4X017T	VO615A-4X018T	VO615A-4X019T
VO615A-5	VO615A-5X006	VO615A-5X007T	VO615A-5X009T	VO615A-5X016
VO615A-6	VO615A-6X001	VO615A-6X006	VO615A-6X007T	VO615A-6X009T
VO615A-6X017T	VO615A-7	VO615A-7X001	VO615A-7X006	VO615A-7X007T
VO615A-7X009T	VO615A-7X017T	VO615A-8	VO615A-8X001	VO615A-8X006
VO615A-8X007T	VO615A-8X008T	VO615A-8X016	VO615A-8X017T	VO615A-8X018T
VO615A-9	VO615A-9X006	VO615A-9X007T	VO615A-9X009T	VO615A-9X016
VO615A-9X017T	VO615A-X001	VO615A-X006	VO615A-X007T	VO615A-X009T
VO615A-X017T				

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Vishay Material Code	Customer Material	Location
CNY75C	CNY75C	Singapore
CNY75GA	CNY75GA	Singapore
CNY75GB	CNY75GB	Singapore
TCET1103	TCET1103	Bucheon-si, Gyeonggi-do
TCET1113G	TCET1113G	Singapore
4N25	VOP4N25	Maisach Gernlinden
4N26	VOP4N26	Ft Worth
4N35	VOP4N35	Maisach Gernlinden
4N36	VOP4N36	Maisach Gernlinden
4N37	VOP4N37	Maisach Gernlinden
4N37	VOP4N37	Ft Worth
CNY75C	VOPCNY75C	Maisach Gernlinden
CNY75GC	VOPCNY75GC	Maisach Gernlinden
TCDT1101G	VOPTCDT1101G	Maisach Gernlinden
TCDT1122G	VOPTCDT1122G	Maisach Gernlinden
TCET1103	VOPTCET1103	Maisach Gernlinden
TCET1103G	VOPTCET1103G	Ft Worth
VO610A-2	VOPVO610A-2	Maisach Gernlinden
VO610A-3	VOPVO610A-3	Maisach Gernlinden
VO610A-3X007T	VOPVO610A-3X007T	Maisach Gernlinden
VO610A-3X016	VOPVO610A-3X016	Maisach Gernlinden
VO610A-3X019T	VOPVO610A-3X019T	Maisach Gernlinden
VO615A-2X009T	VOPVO615A-2X009T	Maisach Gernlinden
VO615A-2X019T	VOPVO615A-2X019T	Maisach Gernlinden
VO615A-3X007T	VOPVO615A-3X007T	Maisach Gernlinden
VO615A-3X009T	VOPVO615A-3X009T	Maisach Gernlinden
VO615A-3X017T	VOPVO615A-3X017T	Maisach Gernlinden
VO615A-3X019T	VOPVO615A-3X019T	Maisach Gernlinden
VO615A-4X007T	VOPVO615A-4X007T	Maisach Gernlinden
VO615A-4X009T	VOPVO615A-4X009T	Maisach Gernlinden
VO615A-4X017T	95090033	Singapore
VO615A-8X017T	IC-BCH-049-1	Singapore
VO615A-4X016	VO615A-4X016	Singapore
VO615A-4X017T	VOPVO615A-4X017T	Maisach Gernlinden
VO615A-4X018T	VOPVO615A-4X018T	Maisach Gernlinden
VO615A-4X019T	VOPVO615A-4X019T	Maisach Gernlinden
VO615A-4X019T	VOPVO615A-4X019T	Ft Worth
VO615A-6X017T	VOPVO615A-6X017T	Maisach Gernlinden
VO615A-6X017T	VOPVO615A-6X017T	Ft Worth
VO615A-8X007T	VOPVO615A-8X007T	Maisach Gernlinden
VO615A-8X017T	VOPVO615A-8X017T	Maisach Gernlinden
VO615A-8X018T	VOPVO615A-8X018T	Maisach Gernlinden
VO615A-9X006	VOPVO615A-9X006	Maisach Gernlinden
VO615A-9X017T	VOPVO615A-9X017T	Maisach Gernlinden
VO615A-9X017T	VOPVO615A-9X017T	Ft Worth
VO615A-X007T	VOPVO615A-X007T	Ft Worth