



Product Change Notification



Product Group: / 16-JUN-2011 / PCN-OMV-532-2011 Rev0

Product Construction & Materials Changes for Optocouplers

DESCRIPTION OF CHANGE: SOP-6L4 TCLX10XX & TCLT16XX Miniflat Couplers construction will change from coplanar to Double Molded Over/ Under type. IL35X, SFH1690, SFH690 & SFH691, TCLX10XX & TCLT16XX Series couplers will switch over to Eco friendly 'Green' molding compounds. An alternate detector die will be added to BOM for SFH1690, SFH690, SFH691, TCLX10XX & TCLT16XX Series couplers. The detector wafer size will change from 4" to 6".

CLASSIFICATION OF CHANGE: Direct Materials (Major) / Molding/Coating / Test Process / Wafer/Chip/Pellet Layout/Design

REASON FOR CHANGE: Details: Capacity Expansion
The Half Pitch Mini-Flat couplers have a capacity restraint. Switching the Miniflat TCLX10XX & TCLT16XX products package over to Over/Under construction will free up capacity for other Mini-Flat couplers.
Following Vishay Green Initiative the listed SOP4 products will switch to Eco Friendly 'Green' molding compounds.

EXPECTED INFLUENCE ON QUALITY RELIABILITY / PERFORMANCE: All efforts have been made to maintain product performance. Necessary steps have been taken to ensure continued supply of products.

PRODUCT CATEGORY: Optocouplers, Isolators

PART NUMBERS / SERIES / FAMILIES AFFECTED:
IL35X Series SFH1690 Series SFH690 Series SFH691 Series TCLD1000, TCLT10XX Series, TCLT16XX Series See detailed parts list.

VISHAY BRAND(s): VISHAY Semiconductors

TIME SCHEDULE:

Start Shipment Date: 09-SEP-2011

Last Time Buy Date:

Last Time Shipment Date:

SAMPLES AVAILABLE BEGINNING: 08-JUL-2011

We need samples for evaluation: Yes No
If Yes return this form to contact information below.

Annotations about time schedule:

PRODUCT IDENTIFICATION: Datecode 1136, black color

QUALIFICATION DATA: Available upon request after July 10, 2011

This PCN is considered approved, without further notification, unless we receive specific customer concerns before 26-AUG-2011 or as specified by contract.

ISSUED BY:

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For further information, please contact your regional Vishay office.

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Attached Part Number List:**Products Impacted by Package Construction, 'Green' compound, alternate detector & detectors from 6" wafers changes**

TCLT100X	TCLT100X (Cont.)	TCLT101X	TCLT101X (Cont.)
TCLD1000	TCLT1004	TCLT1010	TCLT1017
TCLT1000	TCLT1005	TCLT1011	TCLT1018
TCLT1001	TCLT1006	TCLT1012	TCLT1019
TCLT1002	TCLT1007	TCLT1013	TCLT1600
TCLT1003	TCLT1008	TCLT1014	TCLT1600
TCLT1003-3035	TCLT1009	TCLT1015	
TCLT1003-3071		TCLT1016	

Products Impacted by 'Green' compound, alternate detector & detectors from 6" wafers changes

IL	SFH	SFH (Cont.)	SFH (Cont.)
IL350	SFH1690ABT	SFH690AT	SFH690CT-X001
IL350T	SFH1690AT	SFH690AT-3077	SFH690DT
IL351T	SFH1690BT	SFH690BT	SFH690D-X001T
IL352T	SFH1690BT-X001	SFH690BT3	SFH691AT
IL358	SFH1690CT	SFH690CT	
IL358T	SFH690ABT	SFH690CT-E3	