



# Product Change Notification



Product Group: Opto Modules & Visibles 12-NOV-2013 / PCN OMV-703-2013 Rev. 0

## TITLE: Detector Die change for Selected Phototransistor Optocouplers

**DESCRIPTION OF CHANGE:** Changing the detector die in 4 pin Single channel, 6 pin Single channel, 8 pin Dual channel and 16 pin Quad channel Phototransistor Optocouplers listed in the detailed device list

**CLASSIFICATION OF CHANGE:** Direct Materials (Major)

**REASON FOR CHANGE:** In 2011 Vishay initiated the conversion of its' Fab from an older 4" to a newer 6" wafer Fabrication line. This line has since been producing the legacy detector die and the alternate die for some 4 pin phototransistor Optocouplers. Implementation of these die were announced through PCN-OMV-528-2011 & PCN-OMV-532-2011.

We are now extending their use to other Phototransistor optocouplers. These optocouplers are listed in the detailed device list attached to this PCN.

**EXPECTED INFLUENCE ON QUALITY RELIABILITY / PERFORMANCE:** There is no change in performance. Products are fully qualified.

**PRODUCT CATEGORY:** Optocouplers, Isolators

**PART NUMBERS / SERIES / FAMILIES AFFECTED:**

Coupler

**VISHAY BRAND(s):** VISHAY SEMICONDUCTORS

**TIME SCHEDULE:**

**Annotations about time schedule:**

Start Shipment Date: 10-JAN-2014

Last Time Buy Date:

Last Time Shipment Date:

**SAMPLES AVAILABLE BEGINNING:**

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

**PRODUCT IDENTIFICATION:** Datecode 1402

**QUALIFICATION DATA:** Available upon request

**This PCN is considered approved, without further notification, unless we receive specific customer concerns before: 03-JAN-2014 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 wafer size change (4" to 6")**

4N	IL	IL (cont)	IL (cont)	SFH (cont)
4N35-691	IL1	IL212AT	IL255-X007T	SFH600-3X006
<b>H11A</b>	IL1-X016	IL213AT	IL256AT	SFH600-3X007
H11A1	IL1205AT	IL215AT	IL256AT-2037	SFH640-2
H11A1-X001	IL1206AT	IL216AT	<b>SFH</b>	SFH640-2X007
H11A1-X006	IL1207AT	IL250	SFH600-0	SFH640-3
H11A1-X007	IL1208AT	IL250-X001	SFH600-0X001	SFH640-3X007
H11A1-X009	IL2	IL250-X007	SFH600-0X007	SFH640-3X007T
H11A1-X009T	IL2-X009	IL250-X009	SFH600-0X007T	SFH640-3X019
H11A1-X017	IL2-X009T	IL250-X009T	SFH600-1	SFH640-3X019T
H11A2	IL5	IL251	SFH600-1X007	<b>VO</b>
H11A3	IL202-X001	IL251-X009T	SFH600-1X007T	VO205AT
H11A4	IL203	IL252	SFH600-1X009T	VO206AT
H11A5	IL203-X009T	IL252-X001	SFH600-1X017	VO207AT
<b>H11AA</b>	IL205AT	IL252-X007	SFH600-2	VO211AT
H11AA1	IL206AT	IL252-X007T	SFH600-2X001	VO212AT
H11AA1-X001	IL206AT-3027	IL252-X009	SFH600-2X006	VO213AT
H11AA1-X006	IL207AT	IL252-X009T	SFH600-2X007	VO215AT
H11AA1-X007	IL207AT-3062	IL252-X016	SFH600-2X016	VO216AT
H11AA1-X007T	IL207A-X001T	IL252-X017	SFH600-3	VO217AT
H11AA1-X009	IL208AT	IL252-X017T	SFH600-3X001	
H11AA1-X009T	IL211AT	IL255-2	SFH600-3X002	

**Note: No other products are impacted by this change**

**Products Impacted by alternate die**

CNY	ILD (cont)	ILQ (cont)	SFH (cont)	SFH (cont)
CNY17F-2X002	ILD615-3X016	ILQ615-3X009T	SFH6106-2	SFH615A-1X008T
CNY17F-3-3094	ILD615-3X017	ILQ615-3X016	SFH6106-2T	SFH615A-3X008T
CNY17F-3X002	ILD615-3X017T	ILQ1615-4	SFH6106-2X001	SFH615A-3X018
CNY17F-3X029	ILD1615-4	ILQ615-4	SFH6106-2X001T	SFH615A-3X018T
CNY74-2H	ILD615-4	ILQ615-4X001	SFH6106-2X002	SFH615A-4X008T
CNY74-4H	ILD615-4X001	ILQ615-4X007	SFH6106-2X002T	SFH615A-4X017T
<b>ILD</b>	ILD615-4X006	ILQ615-4X009	SFH6106-3	SFH615A-4X018T
ILD1	ILD615-4X009	ILQ615-4X009T	SFH6106-3T	SFH615AA
ILD1-X001	ILD615-4X009T	ILQ621	SFH6106-3X001	SFH615AA-X001
ILD1-X007	ILD615-4X016	ILQ621-X001	SFH6106-3X001T	SFH615AA-X006
ILD1-X007T	ILD620	ILQ621-X006	SFH6106-3X002	SFH615AA-X007
ILD1-X009	ILD620GB	ILQ621-X007	SFH6106-4	SFH615AA-X017
ILD1-X009T	ILD620GB-X009	ILQ621-X007T	SFH6106-4T	SFH615AA-X017T
ILD1205T	ILD620GB-X009T	ILQ621-X009T	SFH6106-4X001	SFH615AGB
ILD1206T	ILD620-X007	ILQ621GB	SFH6106-4X001T	SFH615AGB-X009
ILD1207T	ILD620-X007T	ILQ621GB-X001	SFH6106-5T	SFH615AGB-X009T
ILD1211T	ILD620-X009	ILQ621GB-X009	SFH610A-1	SFH615AGR
ILD1213T	ILD620-X009T	ILQ621GB-X016	SFH610A-1X001	SFH615AGR-X001
ILD1217T	ILD621	ILQ621GB-X017	SFH610A-1X016	SFH615AGR-X007T
ILD2	ILD621-X001	ILQ621GB-X017T	SFH610A-1X018T	SFH615AGR-X016
ILD2-X001	ILD621-X007	ILQ74	SFH610A-2	SFH615AGR-X017
ILD2-X006	ILD621-X007T	ILQ74-X009	SFH610A-2X001	SFH615AGR-X017T
ILD2-X007	ILD621-X009T	ILQ74-X009T	SFH610A-2X006	SFH615AY
ILD2-X007T	ILD621-X016	<b>K</b>	SFH610A-3	SFH615AY-X007T
ILD2-X009	ILD621-X019T	K814P	SFH610A-3X001	SFH615AY-X008T
ILD2-X009T	ILD621GB	K824P	SFH610A-3X002	SFH615AY-X009
ILD2-X016	ILD621GB-X001	K827PH	SFH610A-3X006	SFH615AY-X009T
ILD2-X017	ILD621GB-X007	K844P	SFH610A-3X007T	SFH615AY-X016
ILD2-2027	ILD621GB-X007T	K847PH	SFH610A-3X016	SFH615AY-X018
ILD5	ILD74	K867PH	SFH610A-4	SFH615AY-X018T
ILD5-X001	ILD74-X001	<b>MCT</b>	SFH610A-4X001	SFH615AY-X019T
ILD5-X009	ILD74-X009T	MCT6	SFH610A-4X008T	SFH617A-2X018T
ILD5-X009T	ILD74-X016	MCT6-X007	SFH610A-4X016	SFH617A-2X018T
ILD205T	ILD74-X017T	MCT6-X007T	SFH610A-5	SFH617A-3X1236

ILD206T	<b>ILQ</b>	MCT6-X009	SFH6156 E9063	<b>TCET</b>
ILD207T	ILQ1	MCT6-X009T	SFH6156 E9069	TCET1600
ILD207-X001T	ILQ1-X006	MCT62H	SFH6156 E9101	TCET1600G
ILD207-2031T	ILQ1-X007	MCT6H	SFH6156-1	TCET2100
ILD211T	ILQ1-X009	<b>MOC</b>	SFH6156-1T	TCET2100G
ILD213T	ILQ1-X009T	MOC8101	SFH6156-1X001	TCET2200
ILD213T E9058	ILQ2	MOC8101-X009	SFH6156-1X001T	TCET2200G
ILD217T	ILQ2-X001	MOC8101-X017T	SFH6156-2	TCET2600
ILD217T E9144	ILQ2-X006	MOC8102	SFH6156-2T	TCET2600G
ILD217T-2035	ILQ2-X007	MOC8102-X006	SFH6156-2X001	TCET4100
ILD256T	ILQ2-X007T	MOC8102-X009	SFH6156-2X001T	TCET4100G
ILD610-1	ILQ2-X009	MOC8102-X016	SFH6156-2X002T	TCET4600
ILD610-2X007T	ILQ2-X009T	MOC8102-X017	SFH6156-3	TCET4600G
ILD610-3	ILQ2-X016	MOC8102-X017T	SFH6156-3041	<b>TCLT</b>
ILD610-3X006	ILQ2-X017	MOC8103	SFH6156-3078	TCLT1005-3092
ILD615-1	ILQ2-X017T	MOC8103-X001	SFH6156-3T	TCLT1600
ILD615-1X007	ILQ615-1	MOC8104	SFH6156-3T0	<b>VOD</b>
ILD615-1X007T	ILQ615-1X009	MOC8104-X016	SFH6156-3X001	VOD205T
ILD615-2	ILQ615-2	MOC8104-X019T	SFH6156-3X001T	VOD206T
ILD615-2X001	ILQ615-2X007	MOC8105	SFH6156-4	VOD207T
ILD615-2X009	ILQ615-2X017	<b>SFH</b>	SFH6156-4T	VOD211T
ILD615-2X009T	ILQ615-3	SFH1617A-2X018T	SFH6156-4X001T	VOD213T
ILD615-2X016	ILQ615-3X001	SFH6106-1	SFH6156AGB	VOD217T
ILD615-3	ILQ615-3X007	SFH6106-1T	SFH6156AGBT	
ILD615-3 E9102	ILQ615-3X007T	SFH6106-1X001	SFH615A-3091	
ILD615-3X009T	ILQ615-3X009	SFH6106-1X001T	SFH615A-1X002	

**Note: No other devices are impacted by this change**