

Standardized Information for Process/Product Change Notification (PCN)

1. PCN basic data		
1.1 Company	 TAIWAN SEMICONDUCTOR	TAIWAN SEMICONDUCTOR CO., LTD.
1.2 PCN No.	QPCN15004-1	
1.3 Title of PCN	Change from Standard to Green (Halogen Free) Compound	
1.4 Product Category	semiconductor components	
1.5 Issue date	2015/04/16	
1.6 PCN revision history (optional)	1.7 Issue date of previous revision (optional)	1.8 Delta to previous revision (optional)

Form provided by ZVEI - Revision 1.8c

2. PCN Team		
2.1 Contact supplier		
2.1.1 Name	Jack Wei	
2.1.2 Phone	+886 2 8913 1588 ext. 2001	
2.1.3 Email	jack_wei@mail.ts.com.tw	
2.2 Team supplier (optional)		
2.2.1 Name (optional)	2.2.2 Phone (optional)	2.2.3 Email (optional)
Chris Lin	+886 2 8913-1588 Ext. 2406	chris_lin@mail.ts.com.tw
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3. Changes		
	3.1 Category	3.2 Type of change
Change #1	Any / Data Sheet / Design	any change with impact on agreed upon contractual agreements
Change #2	Process - Assembly	Change of mold compound
Change #3		
Change #4		
Change #5		

4. Description of change		
	Old	New
Change #1	Mold compound type Standard Halogen free	Mold compound type Halogen free only
Change #2		
Change #3		
Change #4		
Change #5		
4.6 Anticipated impact on form, fit, function, reliability or processability?		
4.7 Reference parts with customer number (optional)		

5. Reason / motivation for change	
5.1 Motivation	In response to international market trends, we are going to convert the mold compound from non-green product to green product.
5.2 Additional explanation (optional)	

6. Marking of parts / traceability of change	
6.1 Description	

7. Timing / schedule		
7.1 Date of qualification results	2015/03/26	
7.2 Last order date (optional)	2015/07/16	
7.3 Last delivery date (optional)	2016/07/16	
7.4 Intended start of delivery	2015/07/16	
7.5 Qualification samples available?		
	2015/03/26	
7.6 Customer feedback required until	2015/05/18	

8. Qualification / validation				
8.1 Description (e.g. qual. plan/report, AEC-Q...)	Qualified by JESD			
8.2 Qualification report and qualification results	will be available at date:	issue date	2015/04/17	(expected)

9. Input to customer for risk assessment process	

10. Attachments (e.g. new datasheet, additional documentation, pictures, process flow, sample plan, ...)	
see attached involved part number list	
 QPCN15004_Invol ved P-N list_20150317	

(HQ4PE01-D)
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