


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.	QPCN15007	
1.3 Title of PCN	TSM1N80CW die attach & bond wire change	
1.4 Product Category	Semiconductor components	
1.5 Issue date	2015/04/25	
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
Owen Wang	+886 2 8913 1588 ext. 2201	owen@mail.ts.com.tw

3. Changes		
	3.1 Category	3.2 Type of change
Change #1	Process - Assembly	Die attach material
Change #2	Process - Assembly	Change of bond wire material
Change #3		
Change #4		
Change #5		

4. Description of change		
	Old	New
Change #1	Soft-solder	Silver epoxy
Change #2	Au wire	Cu wire
Change #3		
Change #4		
Change #5		
4.6 Anticipated impact on form, fit, function, reliability or processability?	No	
4.7 Reference parts with customer number (optional)		

5. Reason / motivation for change	
5.1 Motivation	Enhance production, capacity flexibility
5.2 Additional explanation (optional)	

6. Marking of parts / traceability of change	
6.1 Description	

7. Timing / schedule		
7.1 Date of qualification results	2015/04/09	
7.2 Last order date (optional)		
7.3 Last delivery date (optional)		
7.4 Intended start of delivery	2015/05/01	
7.5 Qualification samples available?		
	2015/04/09	
7.6 Customer feedback required until	2015/06/01	

8. Qualification / validation			
8.1 Description (e.g. qual. plan/report, AEC-Q...)	JESD		
8.2 Qualification report and qualification results	available (see attachment)	issue date	

9. Input to customer for risk assessment process	

10. Attachments (e.g. new datasheet, additional documentation, pictures, process flow, sample plan, ...)	

[illegible]