


## Standardized Information for Process/Product Change Notification (PCN)

1. PCN basic data		
1.1 Company		
1.2 PCN No.	PCN17007	
1.3 Title of PCN	A new fully-automated SMA backend assembly line increase	
1.4 Product Category	Active Components - Discrete Components	
1.5 Issue date	2017/02/07	
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 3.0.0

2. PCN Team		
2.1 Contact supplier		
2.1.1 Name	Sunnie Pan	
2.1.2 Phone	+886-2-8913-1588 Ext:2205	
2.1.3 Email	sunnie@mail.ts.com.tw	
2.2 Team supplier (optional)		
2.2.1 Name (optional)	2.2.2 Phone (optional)	2.2.3 Email (optional)
Stanley Lin	+886-2-8913-1588 Ext:2104	stanleylin@mail.ts.com.tw
May Zhang	+86-543-869-1091 Ext:3108	may@mail.tsview.com.cn
Celia Huang	+886-2-8913-1588 Ext:2125	celia@mail.ts.com.tw

3. Changes			
No.	3.0 Ident	3.1 Category	3.2 Type of change
#1	SEM-PA-03	PROCESS - ASSEMBLY	Change in leadframe dimensions
#2	SEM-PA-11	PROCESS - ASSEMBLY	Change of mold compound / encapsulation material
#3	SEM-PA-13	PROCESS - ASSEMBLY	Change of product marking
#4	SEM-PA-14	PROCESS - ASSEMBLY	Change in process technology (e.g. sawing, die attach, bonding, moulding, plating, trim and form, lead frame preparation, ...)
#5	SEM-PS-03	PACKING/SHIPPING	Change of carrier (tray, reel)

4. Description of change		
	Old	New
Change #1	1.manual SMA production line	1.manual SMA production line 2.fully-automated SMA production line
Change #2	Lead Frame Supplier : A Material : Copper	Lead Frame Supplier : B Material : Copper
Change #3	Molding Compound Consumer (Non-HF) Type: EME-1100 Supplier : A Material : Epoxy  Consumer (HF) Type: EME-E110 Supplier : A	Molding Compound Consumer (Non-HF) Type: EME-66XX series Supplier : B Material : Epoxy  Consumer (HF) Type: EME-E500 Supplier : A
Change #4	Marking no square around datecode	Marking add special square around datecode
Change #5	Packing Refer to the picture of the comparison report	Packing Refer to the picture of the comparison report
4.6 Anticipated impact on form, fit, function, reliability or processability?	No impact in form, fit, function and reliability but better processability for less human handling	
4.7 Reference parts with customer number (optional)		

5. Reason / motivation for change	
5.1 Motivation	To increase SMA capacity in assembly line for green and non-green
5.2 Additional explanation (optional)	

6. Marking of parts / traceability of change	
6.1 Description	Use the datecode control

