


Standardized Information for Process/Product Change Notification (PCN)

1. PCN basic data		
1.1 Company		
1.2 PCN No.	PCN19007	
1.3 Title of PCN	Additional Halogen-Free Molding Compound for affected TS4K package	
1.4 Product Category	Active Components - Discrete Components	
1.5 Issue date	2019/09/04	
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.lin@mail.ts.com.ts	
2.1.2 Phone	886-2-8913-1588 Ext:2205	
2.1.3 Email	sunnie.lin@mail.ts.com.tw	
2.2 Team supplier (optional)		
2.2.1 Name (optional)	2.2.2 Phone (optional)	2.2.3 Email (optional)
Danny Lin	886-2-8913-1588 Ext. 2133	danny_lin@mail.ts.com.tw
Yanting Liu	86-022-59816699 Ext. 2051	qa@mail.tew.com.cn

3. Changes			
No.	3.0 Ident	3.1 Category	3.2 Type of change
#1	SEM-PA-11	PROCESS - ASSEMBLY	Change of mold compound / encapsulation material
#2	SEM-PA-16	PROCESS - ASSEMBLY	Change of direct material supplier
#3			
#4			
#5			

4. Description of change		
	Old	New
Change #1	Molding Compound for Non-Halogen-Free Note: Continue Mass Production.	Additional Molding Compound for Halogen-Free for TS4K package
Change #2		
Change #3		
Change #4		
Change #5		
4.6 Anticipated impact on form, fit, function, reliability or processability?	Not impact the form, fit, function, reliability or processability	
4.7 Reference parts with customer number (optional)		

5. Reason / motivation for change	
5.1 Motivation	Adding green compound for TS4K package to offer an option for customer to choose based on their requirement.
5.2 Additional explanation (optional)	

6. Marking of parts / traceability of change	
6.1 Description	Use green compound marking code "G" to traceability

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7. Timing / schedule		
7.1 Date of qualification results	2019/06/25	
7.2 Last order date (optional)		Not Applicable
7.3 Last delivery date (optional)		Not Applicable
7.4 Intended start of delivery	2020/03/02	
7.5 Qualification samples available?	When get customer order and after 2 weeks can be submitted	
7.6 Customer feedback required until	2019/10/20	

8. Qualification / validation			
8.1 Description (e.g. qual. plan/report, AEC-Q...)	According to JESD22		
8.2 Qualification report and qualification results	available (see attachment)	issue date	2019/06/25

9. Input to customer for risk assessment process
Human Resource : No Risk Equipment : No Risk Technique-Wafer : No Risk Technique-Assembly : No Risk Form/ Fit / Function : No Risk Reliability : No Risk

10. Attachments (e.g. new datasheet, additional documentation, pictures, process flow, sample plan, ...)
Refer to the official e-mail announcement for the applicable documents.

11. Affected parts									
11.1 Current						11.2 New (if applicable)			
11.1.1 Customer Part No.	11.1.2 Supplier Part Name	11.1.3 Supplier Part No. (optional)	11.1.4 Package Name	11.1.5 Part Description (optional)	11.1.6 Additional Part Information (optional)	11.2.2 Supplier Part Name	11.2.3 Supplier Part No. (optional)	11.2.4 Package Name	11.2.6 Additional Part Information (optional)

Family	Package	Ordering Code	New Ordering Code
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Standard Bridge Rectifier	TS4K	TS10K40-A D3	TS10K40-A D3G
Standard Bridge Rectifier	TS4K	TS10K60-A D3	TS10K60-A D3G
Standard Bridge Rectifier	TS4K	TS10K80-A D3	TS10K80-A D3G
Standard Bridge Rectifier	TS4K	TS4K40-A D3	TS4K40-A D3G
Standard Bridge Rectifier	TS4K	TS4K60-A D3	TS4K60-A D3G
Standard Bridge Rectifier	TS4K	TS4K80-A D3	TS4K80-A D3G
Standard Bridge Rectifier	TS4K	TS6K40-T D3	TS6K40-T D3G
Standard Bridge Rectifier	TS4K	TS6K60-T D3	TS6K60-T D3G
Standard Bridge Rectifier	TS4K	TS6K80-T D3	TS6K80-T D3G