
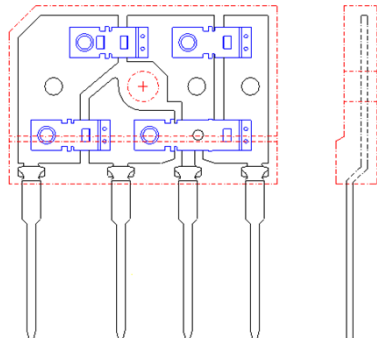
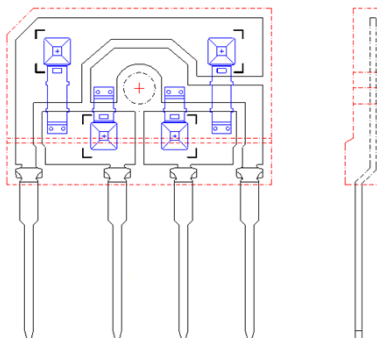


**Standardized Information for Process/Product Change Notification (PCN)**

1. PCN basic data		
1.1 Company		
1.2 PCN No.	PCN19002	
1.3 Title of PCN	TS-6P change the structure to improve the thermal balance	
1.4 Product Category	Active Components - Discrete Components	
1.5 Issue date	2019/04/29	
1.6 PCN revision history (optional)	1.7 Issue date of previous revision (optional)	1.8 Delta to previous revision (optional)

2. PCN Team		
2.1 Contact supplier		
2.1.1 Name	Sunnie Lin	
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	886-8913-1588 Ext:2133	danny_lin@mail.ts.com.tw
Vince Lee	86-543-869-1091 Ext:3101	vince.lee@mail.tsyew.com.cn

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-04	PROCESS - ASSEMBLY	Change of lead frame finishing material / area (internal)
#3	SEM-PA-11	PROCESS - ASSEMBLY	Change of mold compound / encapsulation material
#4			
#5			

4. Description of change		
	Old	New
Change #1	Old structures 	New structures 
Change #2		
Change #3		

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<b>Change #4</b>		
<b>Change #5</b>		
<b>4.6 Anticipated impact on form, fit, function, reliability or processability?</b>	The qualification plan was according to ZVEI and the verification passed.	
<b>4.7 Reference parts with customer number (optional)</b>		

<b>5. Reason / motivation for change</b>	
<b>5.1 Motivation</b>	TS-6P Package change the structure to improve the thermal balerance.
<b>5.2 Additional explanation (optional)</b>	

<b>6. Marking of parts / traceability of change</b>	
<b>6.1 Description</b>	Use Datecode to control

<b>7. Timing / schedule</b>		
<b>7.1 Date of qualification results</b>	2018/11/03	
<b>7.2 Last order date (optional)</b>	2019/10/26	
<b>7.3 Last delivery date (optional)</b>	2020/10/25	
<b>7.4 Intended start of delivery</b>	2019/10/26	
<b>7.5 Qualification samples available?</b>	When get customer order and after 2 weeks can be submitted	
<b>7.6 Customer feedback required until</b>	2019/06/13	

<b>8. Qualification / validation</b>			
<b>8.1 Description (e.g. qual. plan/report, AEC-Q...)</b>	According to AEC-Q101		
<b>8.2 Qualification report and qualification results</b>	available (see attachment)	<b>issue date</b>	2018/11/03

<b>9. Input to customer for risk assessment process</b>
Human Resource : Low Risk Equipment : Low Risk Technique-Wafer : Low Risk Technique-Assembly : Low Risk Sample submit time : within 14 days Form/ Fit / Function : Low Risk Reliability : Low Risk

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

<b>11. Affected parts</b>	
<b>11.1 Current</b>	<b>11.2 New (if applicable)</b>

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PCN19002\_Involved P/N list

Family	Package	Ordering Code	New Ordering Code
Standard Bridge Rectifier	TS-6P	TS15P01G C2G	No Change
Standard Bridge Rectifier	TS-6P	TS15P01G D2G	No Change
Standard Bridge Rectifier	TS-6P	TS15P01G X0G	No Change
Standard Bridge Rectifier	TS-6P	TS15P01GHC2G	No Change
Standard Bridge Rectifier	TS-6P	TS15P01GHD2G	No Change
Standard Bridge Rectifier	TS-6P	TS15P01GHX0G	No Change
Standard Bridge Rectifier	TS-6P	TS15P02G C2G	No Change
Standard Bridge Rectifier	TS-6P	TS15P02G D2G	No Change
Standard Bridge Rectifier	TS-6P	TS15P02G X0G	No Change
Standard Bridge Rectifier	TS-6P	TS15P02GHC2G	No Change
Standard Bridge Rectifier	TS-6P	TS15P02GHD2G	No Change
Standard Bridge Rectifier	TS-6P	TS15P02GHX0G	No Change
Standard Bridge Rectifier	TS-6P	TS15P03G C2G	No Change
Standard Bridge Rectifier	TS-6P	TS15P03G D2G	No Change
Standard Bridge Rectifier	TS-6P	TS15P03G X0G	No Change
Standard Bridge Rectifier	TS-6P	TS15P03GHC2G	No Change
Standard Bridge Rectifier	TS-6P	TS15P03GHD2G	No Change
Standard Bridge Rectifier	TS-6P	TS15P03GHX0G	No Change
Standard Bridge Rectifier	TS-6P	TS15P04G C2G	No Change
Standard Bridge Rectifier	TS-6P	TS15P04G D2G	No Change
Standard Bridge Rectifier	TS-6P	TS15P04G X0G	No Change
Standard Bridge Rectifier	TS-6P	TS15P04GHC2G	No Change
Standard Bridge Rectifier	TS-6P	TS15P04GHD2G	No Change
Standard Bridge Rectifier	TS-6P	TS15P04GHX0G	No Change
Standard Bridge Rectifier	TS-6P	TS15P05G C2G	No Change
Standard Bridge Rectifier	TS-6P	TS15P05G D2G	No Change
Standard Bridge Rectifier	TS-6P	TS15P05G X0G	No Change
Standard Bridge Rectifier	TS-6P	TS15P05GHC2G	No Change
Standard Bridge Rectifier	TS-6P	TS15P05GHD2G	No Change
Standard Bridge Rectifier	TS-6P	TS15P05GHX0G	No Change
Standard Bridge Rectifier	TS-6P	TS15P06G C2G	No Change
Standard Bridge Rectifier	TS-6P	TS15P06G D2G	No Change
Standard Bridge Rectifier	TS-6P	TS15P06G X0G	No Change
Standard Bridge Rectifier	TS-6P	TS15P06GHC2G	No Change
Standard Bridge Rectifier	TS-6P	TS15P06GHD2G	No Change
Standard Bridge Rectifier	TS-6P	TS15P06GHX0G	No Change
Standard Bridge Rectifier	TS-6P	TS15P07G C2G	No Change
Standard Bridge Rectifier	TS-6P	TS15P07G D2G	No Change
Standard Bridge Rectifier	TS-6P	TS15P07G X0G	No Change
Standard Bridge Rectifier	TS-6P	TS15P07GHC2G	No Change
Standard Bridge Rectifier	TS-6P	TS15P07GHD2G	No Change
Standard Bridge Rectifier	TS-6P	TS15P07GHX0G	No Change
Standard Bridge Rectifier	TS-6P	TS20P01G C2G	No Change
Standard Bridge Rectifier	TS-6P	TS20P01G D2G	No Change
Standard Bridge Rectifier	TS-6P	TS20P01G X0G	No Change
Standard Bridge Rectifier	TS-6P	TS20P01GHC2G	No Change
Standard Bridge Rectifier	TS-6P	TS20P01GHD2G	No Change
Standard Bridge Rectifier	TS-6P	TS20P01GHX0G	No Change
Standard Bridge Rectifier	TS-6P	TS20P02G C2G	No Change
Standard Bridge Rectifier	TS-6P	TS20P02G D2G	No Change
Standard Bridge Rectifier	TS-6P	TS20P02G X0G	No Change
Standard Bridge Rectifier	TS-6P	TS20P02GHC2G	No Change
Standard Bridge Rectifier	TS-6P	TS20P02GHD2G	No Change
Standard Bridge Rectifier	TS-6P	TS20P02GHX0G	No Change
Standard Bridge Rectifier	TS-6P	TS20P03G C2G	No Change
Standard Bridge Rectifier	TS-6P	TS20P03G D2G	No Change
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Standard Bridge Rectifier	TS-6P	TS20P03GHC2G	No Change
Standard Bridge Rectifier	TS-6P	TS20P03GHD2G	No Change
Standard Bridge Rectifier	TS-6P	TS20P03GHX0G	No Change
Standard Bridge Rectifier	TS-6P	TS20P04G C2G	No Change
Standard Bridge Rectifier	TS-6P	TS20P04G D2G	No Change
Standard Bridge Rectifier	TS-6P	TS20P04G X0G	No Change
Standard Bridge Rectifier	TS-6P	TS20P04GHC2G	No Change
Standard Bridge Rectifier	TS-6P	TS20P04GHD2G	No Change



Standard Bridge Rectifier	TS-6P	TS35P05G C2G	No Change
Standard Bridge Rectifier	TS-6P	TS35P05G D2G	No Change
Standard Bridge Rectifier	TS-6P	TS35P05G X0G	No Change
Standard Bridge Rectifier	TS-6P	TS35P05GHC2G	No Change
Standard Bridge Rectifier	TS-6P	TS35P05GHD2G	No Change
Standard Bridge Rectifier	TS-6P	TS35P05GHX0G	No Change
Standard Bridge Rectifier	TS-6P	TS35P06G C2G	No Change
Standard Bridge Rectifier	TS-6P	TS35P06G D2G	No Change
Standard Bridge Rectifier	TS-6P	TS35P06G X0G	No Change
Standard Bridge Rectifier	TS-6P	TS35P06GHC2G	No Change
Standard Bridge Rectifier	TS-6P	TS35P06GHD2G	No Change
Standard Bridge Rectifier	TS-6P	TS35P06GHX0G	No Change
Standard Bridge Rectifier	TS-6P	TS35P07G C2G	No Change
Standard Bridge Rectifier	TS-6P	TS35P07G D2G	No Change
Standard Bridge Rectifier	TS-6P	TS35P07G X0G	No Change
Standard Bridge Rectifier	TS-6P	TS35P07GHC2G	No Change
Standard Bridge Rectifier	TS-6P	TS35P07GHD2G	No Change
Standard Bridge Rectifier	TS-6P	TS35P07GHX0G	No Change
Standard Bridge Rectifier	TS-6P	TS40P05G C2G	No Change
Standard Bridge Rectifier	TS-6P	TS40P05G D2G	No Change
Standard Bridge Rectifier	TS-6P	TS40P05G X0G	No Change
Standard Bridge Rectifier	TS-6P	TS40P05GHC2G	No Change
Standard Bridge Rectifier	TS-6P	TS40P05GHD2G	No Change
Standard Bridge Rectifier	TS-6P	TS40P05GHX0G	No Change
Standard Bridge Rectifier	TS-6P	TS40P06G C2G	No Change
Standard Bridge Rectifier	TS-6P	TS40P06G D2G	No Change
Standard Bridge Rectifier	TS-6P	TS40P06G X0G	No Change
Standard Bridge Rectifier	TS-6P	TS40P06GHC2G	No Change
Standard Bridge Rectifier	TS-6P	TS40P06GHD2G	No Change
Standard Bridge Rectifier	TS-6P	TS40P06GHX0G	No Change
Standard Bridge Rectifier	TS-6P	TS40P07G C2G	No Change
Standard Bridge Rectifier	TS-6P	TS40P07G D2G	No Change
Standard Bridge Rectifier	TS-6P	TS40P07G X0G	No Change
Standard Bridge Rectifier	TS-6P	TS40P07GHC2G	No Change
Standard Bridge Rectifier	TS-6P	TS40P07GHD2G	No Change
Standard Bridge Rectifier	TS-6P	TS40P07GHX0G	No Change
Standard Bridge Rectifier	TS-6P	TS50P05G C2G	No Change
Standard Bridge Rectifier	TS-6P	TS50P05G D2G	No Change
Standard Bridge Rectifier	TS-6P	TS50P05G X0G	No Change
Standard Bridge Rectifier	TS-6P	TS50P05GHC2G	No Change
Standard Bridge Rectifier	TS-6P	TS50P05GHD2G	No Change
Standard Bridge Rectifier	TS-6P	TS50P05GHX0G	No Change
Standard Bridge Rectifier	TS-6P	TS50P06G C2G	No Change
Standard Bridge Rectifier	TS-6P	TS50P06G D2G	No Change
Standard Bridge Rectifier	TS-6P	TS50P06G X0G	No Change
Standard Bridge Rectifier	TS-6P	TS50P06GHC2G	No Change
Standard Bridge Rectifier	TS-6P	TS50P06GHD2G	No Change
Standard Bridge Rectifier	TS-6P	TS50P06GHX0G	No Change
Standard Bridge Rectifier	TS-6P	TS50P07G C2G	No Change
Standard Bridge Rectifier	TS-6P	TS50P07G D2G	No Change
Standard Bridge Rectifier	TS-6P	TS50P07G X0G	No Change
Standard Bridge Rectifier	TS-6P	TS50P07GHC2G	No Change
Standard Bridge Rectifier	TS-6P	TS50P07GHD2G	No Change
Standard Bridge Rectifier	TS-6P	TS50P07GHX0G	No Change

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