



DATE: 26<sup>th</sup> February, 2021

PCN #: 2510

PCN Title: Qualified Additional A/T Sites, Fab Site and Data Sheet Change

Dear Customer:

This is an announcement of change(s) to products that are currently being offered by Diodes Incorporated.

We request that you acknowledge receipt of this notification within 30 days of the date of this PCN. If you require samples for evaluation purposes, please make a request within 30 days as well. Otherwise, samples may not be built prior to this change. Please refer to the implementation date of this change as it is stated in the attached PCN form. Please contact your local Diodes sales representative to acknowledge receipt of this PCN and for any sample requests.

The changes announced in this PCN will not be implemented earlier than 90 days from the notification date stated in the attached PCN form.

Previously agreed upon customer specific change process requirements or device specific requirements will be addressed separately.

For questions or clarification regarding this PCN, please contact your local Diodes sales representative.

Sincerely,

Diodes Incorporated PCN Team



**PRODUCT CHANGE NOTICE**

**PCN-2510 REV 1**

<b>Notification Date:</b>	<b>Implementation Date:</b>	<b>Product Family:</b>	<b>Change Type:</b>	<b>PCN #:</b>
26 <sup>th</sup> February, 2021	26 <sup>th</sup> May, 2021	Analog Semiconductors	Qualified Additional A/T Sites, Fab Site and Data Sheet Change	<b>2510</b>
<b>TITLE</b>				
Qualified Additional A/T Sites, Fab Site and Data Sheet Change				
<b>DESCRIPTION OF CHANGE</b>				
<p>This PCN is being issued to notify customers that in order to assure continuity of supply, Diodes has qualified additional Assembly/Test (A/T) Sites Greatek Electronics Inc. (GTK Zhunan) located in Zhunan, Taiwan, Greatek Toufen Facility (GTK Toufen) located in Toufen, Taiwan, and JCET Group Co., Ltd. (JCET) located in Suqian, China. And, an additional Diodes Internal Fab Site (SFAB2) located in Shanghai, China.</p> <p>Full electrical characterization and high reliability testing has been completed on representative part numbers to ensure no change to device functionality or electrical specifications in the datasheet. Refer to the attached Qualification Report embedded in this file (to view, download this PCN file then open it with a PDF viewer to see the attached qual report).</p>				
<b>IMPACT</b>				
There will be no change to the Form, Fit or Function of products affected, unless specifically indicated, i.e. some products will have top marking changes as outlined in the table below. Otherwise, no change in datasheet parameters and product performance.				
<b>PRODUCTS AFFECTED</b>				
Table 1 - Data Sheet Change (Top Marking) See Table 1A (Top Marking Comparison) Table 2 - Qualified Additional A/T Site (JCET Suqian) Table 3 - Qualified Additional A/T Site (JCET Suqian) with PdCu Bond Wire Table 4 - Qualified Additional A/T Site (GTK Toufen) Table 5 - Qualified Additional A/T Site (GTK Zhunan) Table 6 - Qualified Additional A/T Site (GTK Zhunan) with PdCu Bond Wire Table 7 -Qualified Additional Fab Source (SFAB2)				
<b>WEB LINKS</b>				
<b>Manufacturer's Notice:</b>	<a href="https://www.diodes.com/quality/product-change-notices/diodes-product-change-notices/">https://www.diodes.com/quality/product-change-notices/diodes-product-change-notices/</a>			
<b>For More Information Contact:</b>	<a href="http://www.diodes.com/contacts">http://www.diodes.com/contacts</a>			
<b>Data Sheet:</b>	<a href="http://www.diodes.com/products">http://www.diodes.com/products</a>			
<b>DISCLAIMER</b>				
<b>Unless a Diodes Incorporated Sales representative is contacted in writing within 30 days of the posting of this notice, all changes described in this announcement are considered approved.</b>				



**Table 1 - Data Sheet Change (Top Marking – See Table 1A)**

PI7C9X1170CZDEX					
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**Table 2 - Qualified Additional A/T Site (JCET Suqian)**

PI5USB2544ZHEX	PI5USB2546AZHEX	PI5USB2546ZHEX	PT7C4337BZEEX	PT7C433833AZEEX	PT7C4363BZEEX
PT7C4563BZEEX	PT7M3808G01ZCEX	PT7M3808G12ZCEX			

**Table 3 - Qualified Additional A/T Site (JCET Suqian) with PdCu Bond Wire**

PI3A412ZHEX	PI4MSD5V9540BZEEX	PI6ULS5V9306ZEEX	PI6ULS5V9515AZEEX	PI6ULS5V9517AZEEX	PI6ULS5V9617AZEEX
PT7C4311ZEEX	PT7C4337ZEEX				

**Table 4 - Qualified Additional A/T Site (GTK Toufen)**

PI2EQX511EXUAEX	PI2EQX632EXUBEX	PI2EQX638XUBEX	PI2EQX862XUAEX	PI3DBS12212AXUAEX	PI3DBS16212XUAEX
PI3DBS16213XEAEX	PI3DBS16222XEAEX	PI3PCIE3212XUAEX	PI3USB32224AXEAEX	PI3USB32224BXEAEX	PI3USB32324AXEAEX
PI5USB30213AXEAEX	PI5USB30213XEAEX	PI5USB30216AXUAEX	PI5USB30216BXUAE+CWX	PI5USB30216CXUAEX	PI5USB30216DXUAEX
PI5USB31213AXEAEX	PI5USB31213XEAEX				

**Table 5 - Qualified Additional A/T Site (GTK Zhunan)**

PI90LV179WEX	PI3C3306UEX	PI3USB221AZUAEX	PI3USB221EZUAEX	PI4ULS5V202UEX	PI5C3306LEX
PI6C2405A-1HLEX	PI6C2405A-1HLIEX	PI6C2405A-1LEX	PI6ULS5V9306UEX	PI6ULS5V9509UEX	PI6ULS5V9515AUEX
PI6ULS5V9517AUEX					

**Table 6 - Qualified Additional A/T Site (GTK Zhunan) with PdCu Bond Wire**

PT7C43390LEX	PT7C4372ALEX				
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**Table 7 - Qualified Additional Fab Source (SFAB2)**

AP3984MTR-G1	GP4504MTR-G1	GP4504MTR-G1-01			
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**Table 1A - (Top Marking Comparison of ZD Package)**

	<b>Old Top Marking</b>	<b>New Top Marking</b>
<b>Top Marking Change</b>	"PI7C9X11" 1st row now has 8 characters "70CZDE" 2nd row now has 6 characters "YYWWXX" 3rd row remains unchanged	"PI7C9X1" 1st row now has 7 characters "170CZDE" 2nd row now has 7 characters "YYWWXX" 3rd row remains unchanged
<b>Top Marking on Data Sheet</b>	<p>ZD Package</p> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 0 auto;"> <p>PI7C9X11 70CZDE YYWWXX</p> </div> <p>YY: Year WW: Workweek 1st X: Assembly Site Code 2nd X: Fab Site Code</p>	<p>ZD Package</p> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 0 auto;"> <p>PI7C9X1 170CZDE YYWWXX</p> </div> <p>YYWW: Year &amp; Workweek 1st X: Assembly Site Code 2nd X: Fab Site Code</p>