

DATE: 27<sup>th</sup> May, 2021

PCN #: 2520 – Rev 2

PCN Title: Qualified Additional Bump Site and Assembly/Test (A/T) Sites

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-2520 REV 2**

Notification Date:	Implementation Date:	Product Family:	Change Type:	PCN #:
27 <sup>th</sup> May, 2021	27 <sup>th</sup> Aug, 2021	Analog Semiconductors	Qualified Additional Bump Site and A/T Sites	<b>2520</b>
TITLE				
Qualified Additional Bump Site and Assembly/Test (A/T) Sites				
DESCRIPTION OF CHANGE				
<p>This PCN is being issued to notify customers that in order to assure continuity of supply, Diodes has qualified an additional internal A/T site "Diodes Technology (Cheng Du) Company Limited" (CAT) located in Chengdu, China (to include use of PdCu bond wire), an additional bump facility SJ Semiconductor Corporation (SJ-Semi) located in JiangYin City, China, and an additional A/T site Greatek Electronics Inc. Greatek Toufen Facility (GTK Toufen) located in Toufen, Taiwan.</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> <p><b>Rev 2: Devices in red strikethrough font (in Table 3) are being removed from PCN-2520.</b></p>				
IMPACT				
Continuity of Supply. There will be no change to the Form, Fit or Function of products affected, unless specifically indicated. No change in datasheet parameters and product performance.				
PRODUCTS AFFECTED				
<p>Table 1 - Qualified Additional A/T Site (CAT) with PdCu Bond Wire</p> <p>Table 2 - Qualified Additional Bump Site (SJ-Semi) and A/T Site (CAT)</p> <p>Table 3 - Qualified Additional A/T Site (GTK Toufen)</p>				
WEB LINKS				
<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="https://www.diodes.com/about/contact-us/contact-sales/">https://www.diodes.com/about/contact-us/contact-sales/</a>			
<b>Data Sheet:</b>	<a href="http://www.diodes.com/products">http://www.diodes.com/products</a>			
DISCLAIMER				
<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 - Qualified Additional A/T Site (CAT) with PdCu Bond Wire**

AP64350SP-13	AP64351SP-13	AP64352SP-13	AP64500SP-13	AP64501SP-13	
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**Table 2 - Qualified Additional Bump Site (SJ-Semi) and A/T Site (CAT)**

AP62150Z6-7	AP62200Z6-7	AP62201Z6-7	AP62250Z6-7	AP62300Z6-7	AP62301Z6-7
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Table 3 - Qualified Additional AT Site (GTK Toufen)

PI1EQX512AXUAEX	PI3DPX8100ZLDEX	PI3HDMI245-AZLEX	PI3VDP12412ZHDX	PI6C59S6005ZDIEX	PI6CG33402CZHIEX
PI1EQX522ZLEX	PI3DPX8121ZLDEX	PI3HDMI301ZLEX	PI3VDP1430ZBEX	PI6CB18200ZDIEX	PI6CG33402CZHIEX-13R
PI2DBS212ZHDX	PI3EQX1001XUAEX	PI3HDMI412ADZBEX	PI3VDP1431AZLSEX	PI6CB18200ZDIEX-13R	PI6CG33402ZHIEX
PI2DDR3212ZLEX	PI3EQX1002B1ZLEX	PI3HDMI412FT-BZHDX	PI3VDP1431ZLSEX	PI6CB18401ZHIEX	PI6CG33402ZHIEX-13R
PI2DDR321ZLEX	PI3EQX1002B2ZLEX	PI3HDMI511AZLEX	PI3VDP3212ZLEX	PI6CB18401ZHIEX-13R	PI6CG33601CZLAIEX
PI2EQX3201BZFEX	PI3EQX1002BZLEX	PI3HDMI511ZLEX	PI3VDP411LSAZBEX	PI6CB18601ZLAIEX	PI6CG33601CZLAIEX-13R
PI2EQX3232AZDEX	PI3EQX1002E2ZREX	PI3HDX1204B1ZHDX	PI3VDP411LSRZBEX	PI6CB18601ZLAIEX-13R	PI6CG33602CZLAIEX
PI2EQX4401DZFEX	PI3EQX1002EZREX	PI3HDX1204B1ZHIEX	PI3VDP411LSTZBEX	PI6CB18801ZLIEX	PI6CG33602CZLAIEX-13R
PI2EQX4432DZDEX	PI3EQX1004B1ZHDX	PI3HDX1204DZHDX	PI3VDP411LSZBEX	PI6CB18801ZLIEX-13R	PI6CG33801CZLIEX
PI2EQX502TZHDX	PI3EQX1004B2ZHDX	PI3HDX1204EZHDX	PI3VDP612-AZFEX	PI6CB33200ZDIEX	PI6CG33801CZLIEX-13R
PI2EQX5064ZFEX	PI3EQX1004E2ZTFEX	PI3HDX1204EZLLEX	PI3VDP612-AZHDX	PI6CB33201ZDIEX	PI6CG33801ZLIEX
PI2EQX5084ZLEX	PI3EQX1004EZTFEX	PI3HDX12211ZHDX	PI3VEDP212ZLEX	PI6CB33201ZDIEX-13R	PI6CG33801ZLIEX-13R
PI2EQX5084ZLIEX	PI3EQX1004ZHDX	PI3HDX12211ZLDEX	PI3WVR12412ZHDX	PI6CB33202ZDIEX	PI6CG33802CZLIEX
PI2EQX6812ZHDX	PI3EQX10312ZHDX	PI3HDX2231ZLEX	PI3WVR12612ZLEX	PI6CB33202ZDIEX-13R	PI6CG33802CZLIEX-13R
PI2EQX6874ZFEX	PI3EQX10612ZLCEX	PI3HDX412BDZBE	PI3WVR13412ZHDX	PI6CB33401ZHIEX	PI6CG33802ZLIEX
PI2EQXDP101-AZFEX	PI3EQX10908AZFEX	PI3HDX412BDZBEX	PI3WVR31310AZLEX	PI6CB33401ZHIEX-13R	PI6CG33802ZLIEX-13R
PI2PCIE2212ZHDX	PI3EQX1204-CZHDX	PI3HDX511AZLSEX	PI3WVR626XEBEX	PI6CB33402ZHIEX	PI6LC4820ZDEX
PI2PCIE2412ZHDX	PI3EQX1204EZHDX	PI3HDX511DZLEX	PI4IOE5V6416ZDEX	PI6CB33402ZHIEX-13R	PI6LC4830ZHDX
PI2PCIE2422ZHDX	PI3EQX12902AZLEX	PI3HDX511EZLSEX	PI4IOE5V9535ZDEX	PI6CB33601ZLAIEX	PI6LC4831BZBIEX
PI2PCIE2442ZHDX	PI3EQX12902BZLEX	PI3HDX511FZLEX	PI4IOE5V9539ZDEX	PI6CB33601ZLAIEX-13R	PI6LC4833ZBIE
PI2USB3212ZHDX	PI3EQX12904AZHDX	PI3HDX511FZLIEX	PI4IOE5V9554ZHDX	PI6CB33602ZLAIEX	PI6LC4833ZBIEX
PI2USB4122ZHDX	PI3EQX12908A2ZFEX	PI3L2500ZHDX	PI4IOE5V9555ZDEX	PI6CB33602ZLAIEX-13R	PI6LC4840ZHDX
PI3A6386ZLEX	PI3EQX12908AZFEX	PI3L500-AZFEX	PI4IOE5V96224ZLEX	PI6CB33801ZLIEX	PI6LC4872-01ZDIEX
PI3CH3244ZHDX	PI3EQX16000ZHDX	PI3L720ZHDX	PI4IOE5V96248ZLEX	PI6CB33801ZLIEX-13R	PI6LC48L0201AZHIE
PI3CH3345ZHDX	PI3EQX16012ZLDEX	PI3PCIE2215ZHDX	PI4IOE5V9673ZDEX	PI6CB33802ZLIEX	PI6LC48L0201AZHIEX
PI3CH800ZHDX	PI3EQX16021ZLDEX	PI3PCIE2415ZHDX	PI4MSD5V9548AZDEX	PI6CB33802ZLIEX-13R	PI6LC48P0201AZHIE
PI3CSW12ZUAEX	PI3EQX16612ZLDEX	PI3PCIE2612-AZFEX	PI5USB2546HZHDX	PI6CBF18501ZLAIEX	PI6LC48P0201AZHIEX
PI3DBS12212AZBSEX	PI3EQX16621ZLDEX	PI3PCIE3212ZBEX	PI5USB30216BXUAEX	PI6CBF18501ZLAIEX-13R	PI6LC48P0301AZHDX
PI3DBS12412AZLEX	PI3EQX16812ZLDEX	PI3PCIE3412AZLEX	PI6C49021ZDIEX	PI6CDBL401BZHIEX	PI6LC48P0301AZHIEX
PI3DBS16212BSEX	PI3EQX16821ZLDEX	PI3PCIE3415AZHE+DRX	PI6C4911510ZHIEX	PI6CFGL201BZDIEX	PI6LC48P03AZHIEX
PI3DBS16213ZLEX	PI3EQX16908GLZLEX	PI3PCIE3415AZHDX	PI6C49S1510AAZDIEX	PI6CFGL401BZHIEX	PI6LC48S0401ZLIEX
PI3DBS16215ZBBEX	PI3EQX2004ZHDX	PI3PCIE3442AZHDX	PI6C49S1510AZDIEX	PI6CFGL601BZHIEX	PI6LC48S04ZHIEX
PI3DBS16222ZLEX	PI3EQX502ZHDX	PI3USB102EZLIEX	PI6C49S1510BZDIEX	PI6CG15401ZHIEX	PI6LC48S25AZBBIEX
PI3DBS16412ZHDX-G	PI3EQX5801ZDEX	PI3USB302-AZBEX	PI6C49X0208ZHIEX	PI6CG18200ZDIEX	PI6LC48S25BZBBIEX
PI3DBS16415ZHDX	PI3EQX6741STZDEX	PI3USB30532ZLEX	PI6C49X0210-AZHIEX	PI6CG18200ZDIEX-13R	PI6LC48S25ZBBEX
PI3DBS16415ZLCEX	PI3EQX6801AZDEX	PI3USB31531ZLCEX	PI6C49X0210ZHIEX	PI6CG18201ZDIEX-13R	PI6LC48S25ZBBIEX
PI3DPX1202ZLAIEX	PI3EQX7502AIZDEX	PI3USB31531ZTFAX	PI6C557-01BZHIEX	PI6CG18401ZHIEX	PI6LC58S1101ZDIEX
PI3DPX1203BZHDX	PI3EQX7502BZDEX	PI3USB31532ZLCEX	PI6C5912006ZHIEX	PI6CG18401ZHIEX-13R	PI6LC58S11ZDIEX
PI3DPX1203BZHIEX	PI3EQX7502MZDEX	PI3USB31532ZLEX	PI6C5912012ZDIEX	PI6CG18801ZLIEX	PI6PCIEB24ZDEX
PI3DPX1203BZLEX	PI3EQX7741AIZDEX	PI3USB31534ZTFEX	PI6C5912016ZDIEX	PI6CG18801ZLIEX-13R	PI7C1401AZZFEX
PI3DPX1203CZHDX	PI3EQX7742AIZHDX	PI3USB31ZUAEX	PI6C5913004-01ZHIEX	PI6CG33201CZDIEX	PI7C9X1170CZDEX
PI3DPX1203CZHIEX	PI3EQX7841ZDEX	PI3USB3200ZBBEX	PI6C5913004ZHIEX	PI6CG33201CZDIEX-13R	PI7C9X1172CZHDX
PI3DPX1203CZLEX	PI3EQX8908A2ZFEX	PI3USB3200ZREX	PI6C5916004ZHIEX	PI6CG33202CZDIEX	PI7C9X754ZBEX
PI3DPX1203ZHE+DRX	PI3EQX8908AZFEX	PI3USB32212ZLEX	PI6C5921512ZDIEX	PI6CG33202CZDIEX-13R	PI7C9X760CZDEX
PI3DPX1203ZHDX	PI3HDMI101-BZHDX	PI3USB4000DZUAEX	PI6C5921516ZDIEX	PI6CG33401CZHIEX	PI7C9X762CZHDX
PI3DPX1207B1ZHDX	PI3HDMI101ZHDX	PI3USB4002AZUAEX	PI6C5922504ZHIEX	PI6CG33401CZHIEX-13R	PI7C9X762CZHDX
PI3DPX1207B1ZHIEX	PI3HDMI11310-AZLEX	PI3V713-AZLEX	PI6C5946002ZHIEX	PI6CG33401ZHIEX	
PI3DPX1207CZHDX	PI3HDMI201ZFEX	PI3V724ZLEX	PI6C5946004ZHIEX	PI6CG33401ZHIEX-13R	