



DATE: 1<sup>st</sup> June, 2015

PCN #: 2156 Rev01

PCN Title: Qualification of "Diodes Technology (Cheng Du) Company Limited" (CAT) as an Additional Assembly & Test Site for Discrete Products and Conversion to Copper Bond Wire on Select Discrete Products at Diodes SKE/DSH (Shanghai Kaihong Electronic Co./Diodes Inc. Shanghai) Assembly & Test Site (SAT).

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-2156 REV 01**

<b>Notification Date:</b>	<b>Implementation Date:</b>	<b>Product Family:</b>	<b>Change Type:</b>	<b>PCN #:</b>
1 <sup>st</sup> June, 2015	1 <sup>st</sup> September, 2015	Discrete Semiconductors	Additional Assembly & Test Site / Bond Wire Material	<b>2156</b>
<b>TITLE</b>				
Qualification of "Diodes Technology (Cheng Du) Company Limited" (CAT) as an Additional Assembly & Test Site for Discrete parts, and Conversion to Copper Bond Wire on select Discrete products at Diodes SKE/DSH (Shanghai Kaihong Electronic Co./Diodes Inc. Shanghai) Assembly & Test Sites (SAT).				
<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 "Diodes Technology (Cheng Du) Company Limited" (CAT) located in Chengdu, China as an additional Assembly &amp; Test Site for select Discrete parts using Copper bond wire at CAT.</p> <p>For part numbers listed in Table 2 below, Diodes has also qualified Copper bond wire at existing Diodes SKE/DSH (Shanghai Kaihong Electronic Co./Diodes Inc. Shanghai) Assembly &amp; Test Sites (SAT).</p> <p>Full electrical characterization and high reliability testing has completed on representative part numbers built using Copper bond wire to ensure there is no change to device functionality or electrical specifications in the datasheet.</p> <p><b>REV01: Added part marking diagrams</b></p>				
<b>IMPACT</b>				
Continuity of Supply. No change in datasheet parameters and product performance.				
<b>PRODUCTS AFFECTED</b>				
Please see attached part lists in Table 1 and Table 2				
<b>WEB LINKS</b>				
<b>Manufacturer's Notice:</b>	<a href="http://www.diodes.com/quality/pcns">http://www.diodes.com/quality/pcns</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>				

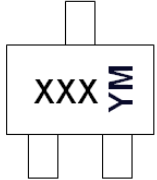
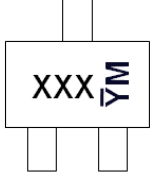


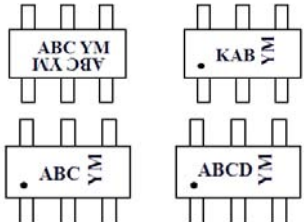
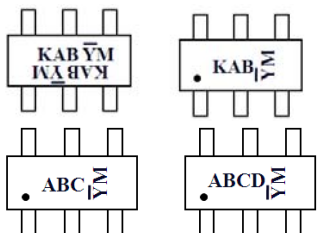
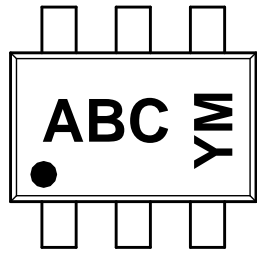
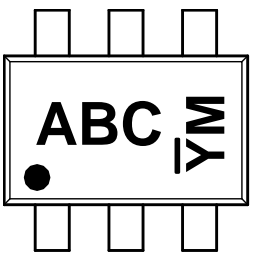


**Table 1 - Affected Part List to add CAT as the additional A/T Site**

D5V0L4B5SO-7	DMP2160UW-7	DMC4015SSD-13	DMN3190LDW-7	BZT52C3V3-7-F	DDZ8V2C-7
D5V0L4B5TS-7	DMN2065UW-7	DMN65D8L-7	DMN3190LDW-13	BZT52C3V6-13-F	DDZ9678-7
DRTR5V0U4TS-7	DMP32D4SW-7	DMP31D0U-7	DMG6301UDW-7	BZT52C3V6-7-F	DDZ9681-7
D5V0F4U6SO-7	DMP4025LSS-13	BSS84-13-F	DMN63D8LDW-13	BZT52C3V9-7-F	DDZ9682-7
DT1042-04SO-7	DMP2038USS-13	DMN53D0L-7	DMN53D0LDW-7	BZT52C43-7-F	DDZ9684-7
DT2042-04SO-7	DMN3025LSS-13	DMN5L06K-7	DMP2066LVT-7	BZT52C47-7-F	DDZ9685-7
DT1042-04TS-7	DMP3085LSS-13	2N7002K-13	DMP3065LVT-7	BZT52C4V3-7-F	DDZ9686-7
DT2042-04TS-7	DMN3016LSS-13	DMG301NU-7	DMP2033UVT-7	BZT52C4V7-13-F	DDZ9687-7
DT1446-04SO-7	DMP3036SSS-13	MMBF170-13-F	DMN3026LVT-7	BZT52C4V7-7-F	DDZ9689-13
DT1446-04TS-7	DMT6016LSS-13	2N7002A-13	DMG6602SVT-7	BZT52C51-7-F	DDZ9690-7
DMP2100U-7	DMP6110SSS-13	DMG301NU-13	DMG6601LVT-7	BZT52C5V1-7-F	DDZ9693-7
DMN6140L-7	DMP3050LSS-13	DMN53D0U-7	DMC2038LVT-7	BZT52C5V6-13-F	DDZ9694-7
DMN6140L-13	DMN6040SSS-13	DMN2300U-7	DMG6602SVTX-7	BZT52C5V6-7-F	DDZ9696-7
DMG2305UX-7	DMG4712SSS-13	DMN3730U-7	1N4148W-7-F	BZT52C6V2-7-F	DDZ9697-7
DMG2305UX-13	DMS3015SSS-13	DMP32D4S-13	BZT52B6V2-7-F	BZT52C6V8-7-F	DDZ9699-7
DMP3099L-7	DMC4040SSD-13	DMP32D4S-7	BZT52C10-7-F	BZT52C7V5-7-F	DDZ9700-7
DMP3099L-13	DMN6066SSD-13	BSS127S-7	BZT52C11-7-F	BZT52C8V2-13-F	DDZ9702-7
DMG3402L-7	DMN6066SSS-13	DMN3053L-7	BZT52C12-13-F	BZT52C8V2-7-F	DDZ9703-7
DMG3418L-7	DMC4050SSD-13	DMP2004K-7	BZT52C12-7-F	BZT52C9V1-7-F	DDZ9704-7
DMP3056LDM-7	ZXMN3F31DN8TA	DMN3300U-7	BZT52C13-7-F	DDZ10C-7	DDZ9705-7
DMP2130LDM-7	DMP4025LSD-13	DMN10H220L-7	BZT52C15-13-F	DDZ11C-7	DDZ9707-7
DMN2100UDM-7	DMN3018SSD-13	DMN10H220L-13	BZT52C15-7-F	DDZ12B-7	DDZ9708-7
DMN3115UDM-7	DMP3028LSD-13	DMN24H11DS-7	BZT52C16-13-F	DDZ12C-7	DDZ9709-7
DMN3051LDM-7	DMP3085LSD-13	DMN6075S-7	BZT52C16-7-F	DDZ13B-7	DDZ9711-7
DMN3033LDM-7	DMP3036SSD-13	ZXMN2F30FHTA	BZT52C18-7-F	DDZ14-7	DDZ9712-7
DMP3098LDM-7	DMC3025LSD-13	ZXMN2F34FHTA	BZT52C20-13-F	DDZ15-7	DDZ9713-7
DMP2066LDM-7	DMN6040SSD-13	ZXMP3F30FHTA	BZT52C20-7-F	DDZ16B-7	DDZ9714-7
DMG6402LDM-7	DMN6070SSD-13	ZXMN3F30FHTA	BZT52C22-7-F	DDZ17-7	DDZ9715-7
DMG6968UDM-7	DMN4026SSD-13	DMP2240UDM-7	BZT52C24-7-F	DDZ18C-7	DDZ9717-7
DMG9926UDM-7	DMC4029SSD-13	DMN5L06DMK-7	BZT52C27-7-F	DDZ21-7	DDZ9V1C-7
DMG6402LVT-7	DMC3028LSDX-13	DMN601DMK-7	BZT52C2V4-7-F	DDZ30D-7	BAV16W-7-F
DMN4060SVT-7	DMP4047SSD-13	DMN2004DMK-7	BZT52C2V7-13-F	DDZ31-7	BAV116W-7-F
DMN6040SVT-7	DMC6040SSD-13	DMP2004DMK-7	BZT52C2V7-7-F	DDZ33-7	1N4148W-13-F
DMP2035UVT-7	DMGD7N45SSD-13	DMN53D0LW-7	BZT52C30-7-F	DDZ36-7	1N4448W-7-F
DMP2305UVT-7	DMN2029USD-13	DMN3067LW-7	BZT52C33-13-F	DDZ39F-7	1N4448W-13-F
DMP3050LVT-7	DMS2085LSD-13	DMN3065LW-13	BZT52C33-7-F	DDZ43-7	BZT52C2V4-13-F
DMP3105LVT-7	DMC3016LSD-13	DMN3065LW-7	BZT52C36-7-F	DDZ5V6B-7	BZT52C51-13-F
DMP2240UW-7	DMC4047LSD-13	DMN63D8LDW-7	BZT52C39-7-F	DDZ7V5C-7	BZT52C13-13-F
DMN3150LW-7	DMC3026LSD-13	DMN5L06DWK-7	BZT52C3V0-7-F	DDZ8V2B-7	BZT52B4V7-7-F

**Table 2 - Affected Part List to add CAT as the additional A/T Site and Convert to Cu wire at SAT**

D1213A-04SO-7	D1213A-02SO-7	ZXT10N50DE6TA	ZXT10P20DE6TC	ZXT13N20DE6TA	ZXT13P20DE6TA
D1213A-04TS-7	ZXT10N15DE6TA	ZXT10P12DE6TA	ZXT10P40DE6TA	ZXT13N50DE6TA	ZXT13P40DE6TA
D1213A-02SM-7	ZXT10N20DE6TA	ZXT10P20DE6TA	ZXT13N15DE6TA	ZXT13P12DE6TA	ZXTP2006E6TA

	PART MARK AT EXISTING SITE	PART MARK AT CAT
SOT-23/ SOT-323		
SOD123		
SOT-363		
SOT26		

	PART MARK AT EXISTING SITE	PART MARK AT CAT
<b>SOP-8</b>		
<b>TSOT26</b>		