



DATE: 29<sup>th</sup> March, 2018

PCN #: 2330

PCN Title: Qualification of Additional A/T site and Conversion to Palladium Coated Copper Bond Wire on Select Discrete Products

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



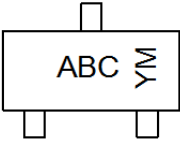
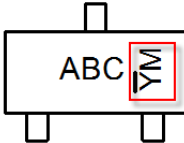
**PRODUCT CHANGE NOTICE**

**PCN-2330 REV 1**

<b>Notification Date:</b>	<b>Implementation Date:</b>	<b>Product Family:</b>	<b>Change Type:</b>	<b>PCN #:</b>
29 <sup>th</sup> March, 2018	29 <sup>th</sup> June, 2018	Discrete Semiconductors	Additional Assembly & Test Site / Bond Wire Material	<b>2330</b>
<b>TITLE</b>				
Qualification of Additional A/T site and Conversion to Palladium Coated Copper Bond Wire on Select Discrete Products				
<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 (A/T) Site and also qualified Palladium Coated Copper (PdCu) bond wire (currently Copper bond wire) at CAT for select Discrete products listed in this PCN.</p> <p>For part numbers marked with (*) in Table 1, the part marking with A/T site identifier for CAT as the additional A/T site will be added (in the device data sheet as well). Please refer to Appendix A for the marking example. There will be no change to the part marking of devices manufactured at existing sites and other devices with no (*) qualified at CAT.</p> <p>Full electrical characterization and high reliability testing has completed on representative part numbers built using Palladium Coated Copper (PdCu) bond wire at the additional A/T site to ensure no change to device functionality or electrical specifications in the datasheet. See attached (embedded) qualification report.</p> <p>There will be no change to the Form, Fit, or Function of affected products.</p>				
<b>IMPACT</b>				
There is no change in datasheet parameters and product performance.				
<b>PRODUCTS AFFECTED</b>				
Please refer to Table 1 for Affected Part List to add CAT as the additional A/T Site and Convert to PdCu wire at CAT				
<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 - Affected Part List to add CAT as the additional A/T Site and Convert to PdCu wire at CAT					
BC817-16-7-F	BCV47TC	BCX41TA	FMMTA13TA	MMBTA14-13-F(*)	ZXTN2040FTA
BC817-25-7-F	BCW66HTA	FMMT38CTA	FMMTA14TA	MMBTA42-13-F(*)	
BCV47TA	BCW68HTA	FMMTA06TA	MMBTA13-7-F(*)	ZXTN2038FTA	

**Appendix A: Part Mark Comparison as a result of Additional A/T Site**

A/T Site	SAT (Baseline)	CAT (Additional A/T Site)
Affected P/N	MMBTA13-7-F	MMBTA13-7-F
	MMBTA14-13-F	MMBTA14-13-F
	MMBTA42-13-F	MMBTA42-13-F
Part Mark		
		<i>With "bar on datecode" as A/T Site Identifier</i>