



DATE: 14<sup>th</sup> June, 2016

PCN #: 2235

PCN Title: Qualification of Palladium Coated Copper (PdCu) Bond Wire or Bare Copper (Cu) Bond Wire as Alternative Wire Bond Materials for Selected SOT-23, SOT-223 and SM-8 Packaged 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-2235 REV 00**

<b>Notification Date:</b>	<b>Implementation Date:</b>	<b>Product Family:</b>	<b>Change Type:</b>	<b>PCN #:</b>
14 <sup>th</sup> June, 2016	13 <sup>th</sup> September, 2016	Discrete Semiconductors	Bond Wire Material	<b>2235</b>
<b>TITLE</b>				
Qualification of Palladium Coated Copper Bond Wire or Bare Copper Bond Wire for Selected SOT-23, SOT-223 and SM-8 Packaged Products				
<b>DESCRIPTION OF CHANGE</b>				
This PCN is being issued to notify customers that Diodes has qualified palladium coated copper bond wire or bare copper bond wire as alternative wire bond materials for the part numbers listed in this PCN.				
Full electrical characterization and reliability testing has been completed on representative part numbers built using palladium coated copper bond wire or bare copper bond wire to ensure there is no change to device functionality or electrical specifications in the datasheet.				
There will be no change to the Form, Fit, or Function of affected products.				
<b>IMPACT</b>				
No change in datasheet parameters and product performance.				
<b>PRODUCTS AFFECTED</b>				
Please refer to Table 1 for the affected devices with PdCu bond wire Please refer to Table 2 for the affected devices with Cu bond wire				
<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>				

<b>Table 1 - Affected Devices with PdCu wire</b>				
ZXTN25100BFHTA	ZXTN25060BFHTA	ZXTP25040DFHTA	ZXTP19020DGTA	ZX5T949GTA
ZXTN25100DFHTA	ZXTP25100BFHTA	ZXTP25060BFHTA	ZX5T1951GTA	ZXTP2008GTA
ZXTN25012EFHTA	ZXTP25100CFHTA	ZXTN25100DGTA	ZXTP19060CGTA	ZX5T951GTA
ZXTN25015DFHTA	ZXTP25012EFHTA	ZXTN25020DGTA	ZX5T849GTA	ZXTP2012GTA
ZXTN25020BFHTA	ZXTP25140BFHTA	ZXTP25020DGTA	ZXTN2007GTA	ZX5T953GTA
ZXTN25020CFHTA	ZXTP25015DFHTA	ZXTN19100CGTA	ZX5T851GTA	ZXTP2013GTA
ZXTN25020DFHTA	ZXTP25020BFHTA	ZXTN19020DGTA	ZXTN2010GTA	ZX5T955GTA
ZXTN25040DFHTA	ZXTP25020CFHTA	ZXTN19060CGTA	ZX5T853GTA	ZXTP2014GTA
ZXTN25050DFHTA	ZXTP25020DFHTA	ZXTP19100CGTA	ZXTN2011GTA	ZXTP03200BGTA

<b>Table 2 - Affected Devices with Cu wire</b>				
ZDS1009	ZDT1053TA	ZDT6753TA	ZDT6790TC	ZHB6790TA
ZDT1048TA	ZDT6702TA	ZDT6753TC	ZHB6718TA	ZHB6792TA
ZDT1049TA	ZDT6718TA	ZDT6790TA		