



DATE: 7th November, 2013

PCN #: 2113 – Rev01

PCN Title: Conversion to Copper Bond Wire and Qualification of Additional Wafer Source on Selected 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-2113 REV01

Notification Date:	Implementation Date:	Product Family:	Change Type:	PCN #:
7 th November, 2013	6 th February, 2014	Discrete Semiconductors	Bond Wire Material / Wafer FAB Material	2113
TITLE				
Conversion to Copper Bond Wire and Qualification of Additional Wafer Source on Selected Discrete Products				
DESCRIPTION OF CHANGE				
<p>This PCN is being issued to notify customers that Diodes has qualified Copper bond wire for the part numbers listed in this PCN. In order to accommodate the Copper bond wire, the top metal composition and/or top metal thickness of the wafer has also been modified. Diodes Incorporated has also qualified an additional wafer source, Diodes internal FabTech Inc. (KFAB), for the products listed in Table 1.</p> <p>Full electrical characterization and high reliability testing has been completed on representative part numbers built using Copper bond wire and/or alternative wafer source to ensure there is no change to device functionality or electrical specifications in the datasheet.</p> <p>There will be no change to the Form, Fit, or Function of affected products.</p> <p>Rev01: Added the following part numbers: 2DB1132Q-13 2DB1182Q-13 2DB1184Q-13 2DB1188Q-13 2DB1386Q-13</p>				
IMPACT				
There is no change in datasheet parameters and product performance.				
PRODUCTS AFFECTED				
Please refer to Table 1 for Cu bond wire conversion and additional wafer source Please refer to Table 2 for Cu bond wire conversion				
WEB LINKS				
Manufacturer's Notice:	http://www.diodes.com/quality/pcns			
For More Information Contact:	http://www.diodes.com/contacts			
Data Sheet:	http://www.diodes.com/products			
DISCLAIMER				
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.				

Table 1 - Cu Bond Wire Conversion and Additional Wafer Source				
DSS20201L-7	ZXTN19060CGTA	ZXTN25020DZTA	ZXTP19100CGTA	ZXTP25100CFHTA
DSS4240T-7	ZXTN19100CGTA	ZXTN25040DFHTA	ZXTP19100CZTA	ZXTP25012EFHTA
DSS4320T-7	ZXTN19100CZTA	ZXTN25040DZTA	ZXTP2006E6TA	ZXTP25140BFHTA
ZX5T2E6TA	ZXTN2005ZTA	ZXTN25050DFHTA	ZXTP2008ZTA	ZXTP25015DFHTA
ZX5T955ZTA	ZXTN2007ZTA	ZXTN25060BFHTA	ZXTP2012ZTA	ZXTP25020BFHTA
ZXGD3001E6TA	ZXTN2010ZTA	ZXTN25060BZTA	ZXTP2013ZTA	DSS20200L-7
ZXGD3002E6TA	ZXTN2011ZTA	ZXTN25100BFHTA	ZXTP2014GTC	ZXTP25020CFHTA
ZXGD3004E6TA	ZXTN25012EFHTA	ZXTN25100DFHTA	ZXTP2014ZTA	ZXTP25020DFLTA
ZXT13P20DE6TA	ZXTN25012EZTA	ZXTN25100DGTA	ZXTP25012EZTA	ZXTP25020DFHTA
ZXTC2061E6TA	ZXTN25015DFHTA	ZXTN25100DZTA	ZXTP25020DGTA	ZXTP25040DFLTA
ZXTC2062E6TA	ZXTN25020BFHTA	ZXTP19020DGTA	ZXTP25020DZTA	DSS5240T-7
ZXTC2063E6TA	ZXTN25020CFHTA	ZXTP19020DZTA	ZXTP25040DZTA	ZXTP25040DFHTA
ZXTN19020DGTA	ZXTN25020DFHTA	ZXTP19060CGTA	ZXTP25100CZTA	ZXTP25060BFHTA
ZXTN19055DZTA	ZXTN25020DGTA	ZXTP19060CZTA	ZXTP25100BFHTA	

Table 2 - Cu Bond Wire Conversion				
2DA1201Y-7	DCP69A-13	DCX124EK-7	ZXT10P12DE6TA	BC817-40W-7
2DD2679-13	DCX69-13	DCX124EK-7-F	ZXT10P20DE6TA	BC847CW-13-F
DSS30101L-7	DPLS350E-13	DCX144EK-7	ZXT10P40DE6TA	DN350T05-7
DSS4160T-7	DPLS350Y-13	DDC123JK-7-F	ZXT13N15DE6TA	DNLS160-7
ZXTN649FTA	DPLS4140E-13	DIMD10A-7	ZXT13N20DE6TA	MMBT123S-7-F
ZXTP4003ZTA	DXT5401-13	DMMT2907A-7	ZXT13N50DE6TA	MMBT5551-7-F
2DA1213O-13	DXT751-13	DMMT5401-7-F	ZXT13P12DE6TA	MMBTA13-7-F
2DA1213Y-13	DXTA92-13	DMMT5551-7-F	ZXT13P40DE6TA	MMBTA14-7-F
2DB1119S-13	DZT2907A-13	DMMT5551S-7-F	ZXTD09N50DE6TA	MMBTA28-13-F
2DB1132P-13	DZT5401-13	DRDC3105E6-7	ZXTD2090E6TA	MMBTA28-7-F
2DB1132R-13	DZT591C-13	IMT17-7	ZXTD4591E6TA	MMBTA42-7-F
2DB1188P-13	DZT751-13	IMX8-7-F	ZXTD6717E6TA	MMST5551-7-F
2DB1188R-13	DZT951-13	MMDTA06-7	2DC2412R-7	MMSTA05-7-F
2DB1386R-13	DZT953-13	MMDTA42-7-F	BC817-16-7-F	MMSTA13-7-F
2DB1424R-13	DZT955-13	ZXGD3003E6TA	BC817-16W-7	MMSTA42-7-F
DCP69-13	DZTA92-13	ZXT10N15DE6TA	BC817-25-7-F	BC807-16-7-F
DCP69-16-13	DCX114YK-7	ZXT10N20DE6TA	BC817-25W-7	BC807-16W-7
DCP69-25-13	DCX114YK-7-F	ZXT10N50DE6TA	BC817-40-7-F	BC807-25-7-F

Table 2 - Cu Bond Wire Conversion

BC807-25W-7	DZT853-13	DDTA113TCA-7-F	MMBD914-13-F	ZXMP4A57E6TA
BC807-40-7-F	DZTA42-13	DDTA113ZCA-7-F	MMBD4148-13-F	ZXMP6A17E6TA
BC807-40W-7	DZT3150-13	DDTA114ECA-7-F	BZT52C10LP-7B	ZVN4525E6TA
DP350T05-7	DZT658-13	DDTA114WCA-7-F	BZT52C15LP-7	ZVP4525E6TA
DPLS160-7	BCV46TA	DDTA114YCA-7-F	BZT52C18LP-7	ZXMN2AMCTA
DPLS320A-7	BCW68HTA	DDTA115ECA-7-F	BZT52C22LP-7	ZXMC3AMCTA
MMBT4403-13-F	FMMT549ATA	DDTA123ECA-7-F	BZT52C2V4LP-7B	ZXMN3AMCTA
MMBT4403-7-F	FMMT549TA	DDTA123JCA-7-F	BZT52C2V7LP-7B	ZXMC4A16DN8TA
MMBT5401-7-F	FMMT589TA	DDTA124ECA-7-F	BZT52C3V9-13-F	FSV064TC
MMBTA55-7-F	FMMT591ATA	DDTA124TCA-7-F	BZT52C3V9LP-7	ZXMN10A09KTC
MMBTA56-7-F	FMMT591ATC	DDTA143ECA-7-F	BZT52C4V3LP-7	ZXMN10A25KTC
MMBTA63-7-F	FMMT591TA	DDTA143FCA-7-F	BZT52C4V7LP-7B	ZXMN15A27KTC
MMBTA64-7-F	FMMT593TA	DDTA143TCA-7-F	BZT52C7V5LP-7	ZXMN20B28KTC
MMBTA92-7-F	FMMT593TC	DDTA143XCA-7-F	BZT52C9V1LP-7	ZXMN3A04KTC
MMST4403-7-F	FMMT717TA	DDTA143ZCA-7-F	GDZ5V6LP3-7	ZXMN4A06KTC
MMST5401-7-F	FMMT718TA	DDTA144ECA-7-F	GDZ6V0LP3-7	ZXMN6A08KTC
MMSTA06-7-F	FMMT718TC	DDTA144TCA-7-F	GDZ6V2LP3-7	ZXMN6A09KTC
MMSTA55-7-F	FMMT720TA	DDTA144VCA-7-F	GDZ6V8LP3-7	ZXMN6A25KTC
MMSTA56-7-F	FMMT722TA	DDTA144WCA-7-F	GDZ7V5LP3-7	ZXMP10A16KTC
MMSTA92-7-F	FMMT723TA	DDTB113EC-7-F	GDZ8V2BLP3-7	ZXMP10A18KTC
2DD1621T-13	FMMTA56TA	DDTB113ZC-7-F	GDZ8V2LP3-7	ZXMP4A16KTC
2DD1664R-13	FMMTA92TA	DDTB114EC-7-F	ZXMN10A07ZTA	ZXMP6A16KTC
2DD1766P-13	FMMTL717TA	DDTB122LC-7-F	ZXMN6A07ZTA	ZXMP6A17KTC
2DD1766R-13	FMMTL718TA	DDTB122TC-7-F	ZXMN6A11ZTA	ZXMP6A18KTC
2DD2098R-13	ZXTP2039FTA	DDTB123EC-7-F	ZXMN3A01ZTA	ZXMP7A17KTC
DCP68-13	ZXTP2039FTC	DDTB123YC-7-F	ZXMN10A08E6TA	BAS40LP-7
DCX68-13	ZXTP2041FTA	DDTB133HC-7-F	ZXMN10A08E6TC	BAS70LP-7B
DCX68-25-13	ZXTP5401FLTA	DDTB142JC-7-F	ZXMN10B08E6TA	BAT54LP-7
DNLS320E-13	FMMT551TA	DDTB142TC-7-F	ZXMN2A01E6TA	BAT54LP-7
DNLS350E-13	FMMT555TA	BAV70-7-F	ZXMN2A03E6TA	SDM20U30LP-7
DNLS350Y-13	FMMT555TC	BAV70-13-F	ZXMN2B03E6TA	1N6263W-7-F
DXT5551-13	FMMT734TA	BAV70W-7-F	ZXMN2088DE6TA	BAT46W-7-F
DXTA42-13	FMMT596TA	BAV70T-7-F	ZXMN3A01E6TA	SD101AW-7-F
DZT491-13	ZXTP749FTA	BAV70-7-F	ZXMN3A03E6TA	SD101BW-7-F
DZT851-13	DSS5160T-7	BAV70W-7-F	ZXMN6A08E6TA	SD101CW-7-F

Table 2 - Cu Bond Wire Conversion

SD103AW-13-F	BAS40W-04-7-F	ZLLS2000TA	MMBD2004S-7-F	BAV20WS-7-F
SD103AW-7-F	BAS40W-05-7-F	SDM20N40A-7	MMBD3004S-7-F	BAV21WS-7-F
SD103BW-13-F	BAS40W-06-7-F	SDM40E20LA-7	MMBD3004A-7-F	BAV3004WS-7
SD103BW-7-F	BAS40W-7-F	SDM40E20LS-7-F	MMBD3004C-7-F	BAS21T-7-F
SD103CW-13-F	BAS70W-04-7-F	SDM40E20LC-7	BAS19W-7-F	BAV19WS-13-F
SD103CW-7-F	BAS70W-05-7-F	ZLLS1000TA	BAS20W-7-F	BAS521-7
1N5711WS-7-F	BAS70W-06-7-F	ZLLS500TA	BAS21W-7-F	BAS521LP-7
ZLLS400TC	BAS70W-7-F	ZLLS500TC	MMBD2004SW-7-F	BAW101S-7
SD101AWS-7-F	BAT54W-13-F	SDM02U30LP3-7B	BAS20DW-7	BAW101V-7
SD101BWS-7-F	B140WS-7	BAS19-7-F	BAS21DW-7	MMBD3004S-13-F
SD101CWS-7-F	SD103AWS-7-F	BAS20-7-F	BAV19W-7-F	UDZ5V6B-7
BAT54ATA	SD103BWS-7-F	BAS21-7-F	BAV20W-7-F	UDZ5V6B-13
BAT54CTA	SD103CWS-7-F	BAV23A-7-F	BAV21W-7-F	
BAT54STA	ZLLS410TA	BAV23C-7-F	BAV3004W-7-F	
BAT54TA	SD103ASDM-7-F	BAV23S-7-F	BAV19WS-7-F	