



DATE: 28th November, 2012

PCN #: 2041 REV 02

PCN Title: Conversion to Copper Bond Wire 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-2041 REV02**

Notification Date:	Implementation Date:	Product Family:	Change Type:	PCN #:
11 th November, 2011	9 th February, 2012	Discrete Semiconductors	Bond wire material	2041
TITLE				
Conversion to Copper Bond Wire on Selected Discrete Products				
DESCRIPTION OF CHANGE				
<p>This PCN is being issued to notify customers that Diodes is in the process of qualifying Copper bond wire for the part numbers listed in this PCN.</p> <p>Full electrical characterization and high reliability testing will be completed using representative devices built using Copper bond wire 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>				
IMPACT				
<p>There is no change in datasheet parameters and product performance.</p> <p>Compared to Gold, Copper wire has quality and reliability advantages:</p> <ul style="list-style-type: none">- Copper is more resistant to wire sweep during molding- Copper has lower electrical resistivity and higher thermal conductivity- Copper has higher current carrying capacity- Copper has slower intermetallic growth which improves temperature dependent reliability. <p>REV 01: Removed selected part numbers (with "Q" suffix) from attached parts list.</p> <p>REV 02: Removed selected part numbers from attached parts list.</p>				
PRODUCTS AFFECTED				
Please see table below				
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.				



Affected Part Number List

1N5819HW-7-F	BCP55TA	BZT52C20S-7-F	BZT52C43-7-F	BZX84C12-7-F	BZX84C6V2-13-F
1N5819HW-7-G	BCP5610TA	BZT52C22-13-F	BZT52C47-7-F	BZX84C13-7-F	BZX84C6V2-7-F
2DA1797-13	BCP5616TA	BZT52C22-7-F	BZT52C4V3-7-F	BZX84C15-7-F	BZX84C6V8-13-F
2DB1697-13	BCP56TA	BZT52C22S-7-F	BZT52C4V3S-7-F	BZX84C15S-7-F	BZX84C6V8-7-F
2DB1713-13	BCV47TA	BZT52C24-13-F	BZT52C4V7-13-F	BZX84C16-7-F	BZX84C6V8S-7-F
2DC4672-13	BCV47TC	BZT52C24-7-F	BZT52C4V7-7-F	BZX84C18-7-F	BZX84C7V5-7-F
2DD2661-13	BCW66HTA	BZT52C24LP-7	BZT52C4V7LP-7	BZX84C20-13-F	BZX84C8V2-13-F
2DD2678-13	BCX41TA	BZT52C24S-7-F	BZT52C4V7S-7-F	BZX84C20-7-F	BZX84C8V2-7-F
2N7002	BS170F	BZT52C27-13-F	BZT52C51-7-F	BZX84C22-7-F	BZX84C9V1-7-F
2N7002-7-F	BS250F	BZT52C27-7-F	BZT52C51S-7	BZX84C24-7-F	DDTA113TKA-7-F
2N7002A-7	BSN20-7	BZT52C27S-7-F	BZT52C5V1-13-F	BZX84C27-7-F	DDTA113TUA-7-F
2N7002K-13	BSS123	BZT52C2V0-7-F	BZT52C5V1-7-F	BZX84C2V4-7-F	DDTA113ZKA-7-F
2N7002V-7	BSS138	BZT52C2V0S-7-F	BZT52C5V1LP-7	BZX84C2V4S-7-F	DDTA113ZUA-7-F
2N7002VA-7	BSS138-7-F	BZT52C2V4-13-F	BZT52C5V1S-7-F	BZX84C2V7-13-F	DDTA114EKA-7-F
2N7002VAC-7	BSS138DW-7-F	BZT52C2V4-7-F	BZT52C5V6-13-F	BZX84C2V7-7-F	DDTA114EUA-7-F
2N7002VC-7	BSS84	BZT52C2V4S-7-F	BZT52C5V6-7-F	BZX84C30-7-F	DDTA114GUA-7-F
AZ23C10W-7-F	BSS84-13-F	BZT52C2V7-13-F	BZT52C5V6LP-7	BZX84C33-13-F	DDTA114KA-7-F
AZ23C18W-7-F	BZT52B6V2-7-F	BZT52C2V7-7-F	BZT52C5V6S-7-F	BZX84C33-7-F	DDTA114TKA-7-F
AZ23C5V6W-7-F	BZT52C10-7-F	BZT52C2V7LP-7	BZT52C6V2-13-F	BZX84C36-7-F	DDTA114TUA-7-F
AZ23C6V8W-7-F	BZT52C10LP-7	BZT52C2V7S-7-F	BZT52C6V2-7-F	BZX84C36S-7-F	DDTA114WKA-7-F
B0520WS-7-F	BZT52C10S-7-F	BZT52C30-7-F	BZT52C6V2LP-7	BZX84C39-7-F	DDTA114WUA-7-F
B0520WS-7-G	BZT52C11-7-F	BZT52C30S-7-F	BZT52C6V2S-7-F	BZX84C3V0-7-F	DDTA114YKA-7-F
B0530WS-7-F	BZT52C11LP-7	BZT52C33-13-F	BZT52C6V8-13-F	BZX84C3V0S-7-F	DDTA114YUA-7-F
B130LAW-7-F	BZT52C11S-7-F	BZT52C33-7-F	BZT52C6V8-7-F	BZX84C3V3-13-F	DDTA115EKA-7-F
B140HW-7	BZT52C12-13-F	BZT52C33S-7-F	BZT52C6V8LP-7	BZX84C3V3-7-F	DDTA115EUA-7-F
BAT1000-7-F	BZT52C12-7-F	BZT52C36-7-F	BZT52C6V8S-7-F	BZX84C3V3S-7-F	DDTA115GUA-7-F
BAT750-7-F	BZT52C12LP-7	BZT52C36LP-7	BZT52C7V5-7-F	BZX84C3V6-13-F	DDTA115KA-7-F
BAT750TA	BZT52C12S-7-F	BZT52C36S-7-F	BZT52C7V5S-7-F	BZX84C3V6-7-F	DDTA115TKA-7-F
BAT760-7	BZT52C13-7-F	BZT52C39-13-F	BZT52C8V2-13-F	BZX84C3V6S-7-F	DDTA115TUA-7-F
BCP5110TA	BZT52C13LP-7	BZT52C39-7-F	BZT52C8V2-7-F	BZX84C3V9-7-F	DDTA122LU-7-F
BCP5116TA	BZT52C13S-7-F	BZT52C39S-7-F	BZT52C8V2LP-7	BZX84C43-7-F	DDTA122TU-7-F
BCP51TA	BZT52C15-13-F	BZT52C3V0-7-F	BZT52C8V2S-7-F	BZX84C47-7-F	DDTA123EKA-7-F
BCP5210TA	BZT52C15-7-F	BZT52C3V0LP-7	BZT52C9V1-13-F	BZX84C4V3-7-F	DDTA123EUA-7-F
BCP5216TA	BZT52C15S-7-F	BZT52C3V0S-7-F	BZT52C9V1-7-F	BZX84C4V7-13-F	DDTA123JKA-7-F
BCP52TA	BZT52C16-13-F	BZT52C3V3-7-F	BZT52C9V1S-7-F	BZX84C4V7-7-F	DDTA123JUA-7-F
BCP5310TA	BZT52C16-7-F	BZT52C3V3LP-7	BZX84B5V1-7-F	BZX84C4V7S-7-F	DDTA123TKA-7-F
BCP5316TA	BZT52C16LP-7	BZT52C3V3S-7-F	BZX84B5V6-7-F	BZX84C51-7-F	DDTA123TUA-7-F
BCP53TA	BZT52C16S-7-F	BZT52C3V6-13-F	BZX84B8V2-7-F	BZX84C5V1-13-F	DDTA123YKA-7-F
BCP5410TA	BZT52C18-7-F	BZT52C3V6-7-F	BZX84C10-13-F	BZX84C5V1-7-F	DDTA123YUA-7-F
BCP5416TA	BZT52C18S-7-F	BZT52C3V6LP-7	BZX84C10-7-F	BZX84C5V1S-7-F	DDTA124EKA-7-F
BCP54TA	BZT52C20-13-F	BZT52C3V6S-7-F	BZX84C10S-7-F	BZX84C5V6-13-F	DDTA124EUA-7-F
BCP5510TA	BZT52C20-7-F	BZT52C3V9-7-F	BZX84C11-7-F	BZX84C5V6-7-F	DDTA124GKA-7-F
BCP5516TA	BZT52C20LP-7	BZT52C3V9S-7-F	BZX84C12-13-F	BZX84C5V6S-7-F	DDTA124GUA-7-F



Affected Part Number List (cont.)

DDTA124KA-7-F	DDTB123EK-7-F	DDTC115TUA-7-F	DDTC143XKA-7-F	DDTD123EC-7-F	DMN2300UFB-7B
DDTA124TKA-7-F	DDTB123EU-7-F	DDTC122LU-7-F	DDTC143XUA-7-F	DDTD123EK-7-F	DMN2400UFB4-7
DDTA124TUA-7-F	DDTB123TK-7-F	DDTC122TU-7-F	DDTC143ZCA-7-F	DDTD123EU-7-F	DMN2400UFB4-7B
DDTA124XKA-7-F	DDTB123TU-7-F	DDTC123ECA-7-F	DDTC143ZKA-7-F	DDTD123TC-7-F	DMN2400UFB-7
DDTA124XUA-7-F	DDTB123YK-7-F	DDTC123EKA-7-F	DDTC143ZUA-7-F	DDTD123TK-7-F	DMN2400UFB-7B
DDTA125TKA-7-F	DDTB123YU-7-F	DDTC123EUA-7-F	DDTC144ECA-7-F	DDTD123TU-7-F	DMN2600UFB-7
DDTA125TUA-7-F	DDTB133HK-7-F	DDTC123JCA-7-F	DDTC144EKA-7-F	DDTD123YC-7-F	DMN2600UFB-7B
DDTA142JU-7-F	DDTB133HU-7-F	DDTC123JKA-7-F	DDTC144EUA-7-F	DDTD123YK-7-F	DMN3024LSD
DDTA142TU-7-F	DDTB142JU-7-F	DDTC123JUA-7-F	DDTC144GCA-7-F	DDTD123YU-7-F	DMN3024LSS
DDTA143EKA-7-F	DDTB142TU-7-F	DDTC123TCA-7-F	DDTC144GKA-7-F	DDTD133HC-7-F	DMN313DLT-7
DDTA143EUA-7-F	DDTB143EK-7-F	DDTC123TKA-7-F	DDTC144GUA-7-F	DDTD133HK-7-F	DMN32D2LFB4-7
DDTA143FKA-7-F	DDTB143EU-7-F	DDTC123TUA-7-F	DDTC144TCA-7-F	DDTD133HU-7-F	DMN32D2LFB4-7B
DDTA143FUA-7-F	DDTB143TK-7-F	DDTC123YCA-7-F	DDTC144TKA-7-F	DDTD142JC-7-F	DMN32D2LV-7
DDTA143TKA-7-F	DDTB143TU-7-F	DDTC123YKA-7-F	DDTC144TUA-7-F	DDTD142JU-7-F	DMN3484UFB-7B
DDTA143TUA-7-F	DDTC113TCA-7-F	DDTC123YUA-7-F	DDTC144VCA-7-F	DDTD142TC-7-F	DMN3730U-7
DDTA143XKA-7-F	DDTC113TKA-7-F	DDTC124ECA-7-F	DDTC144VKA-7-F	DDTD142TU-7-F	DMN3730UFB4-7
DDTA143XUA-7-F	DDTC113TUA-7-F	DDTC124EKA-7-F	DDTC144VUA-7-F	DDTD143EC-7-F	DMN3730UFB4-7B
DDTA143ZKA-7-F	DDTC113ZCA-7-F	DDTC124EUA-7-F	DDTC144WCA-7-F	DDTD143EK-7-F	DMN3730UFB-7
DDTA143ZUA-7-F	DDTC113ZKA-7-F	DDTC124GCA-7-F	DDTC144WKA-7-F	DDTD143EU-7-F	DMN3730UFB-7B
DDTA144EKA-7-F	DDTC113ZUA-7-F	DDTC124GKA-7-F	DDTC144WUA-7-F	DDTD143TC-7-F	DMN4027SSD
DDTA144EUA-7-F	DDTC114ECA-7-F	DDTC124GUA-7-F	DDTD113EC-7-F	DDTD143TK-7-F	DMN4027SSS
DDTA144GUA-7-F	DDTC114EKA-7-F	DDTC124TCA-7-F	DDTD113EK-7-F	DDTD143TU-7-F	DMN4034SSD
DDTA144KA-7-F	DDTC114EUA-7-F	DDTC124TKA-7-F	DDTD113EU-7-F	DMB54D0UDW-7	DMN4034SSS
DDTA144TKA-7-F	DDTC114GCA-7-F	DDTC124TUA-7-F	DDTD113ZC-13-F	DMC2004VK-7	DMN55D0UT-7
DDTA144TUA-7-F	DDTC114GKA-7-F	DDTC124XCA-7-F	DDTD113ZC-7-F	DMC3028LSD	DMN5L06TK-7
DDTA144VKA-7-F	DDTC114GUA-7-F	DDTC124XKA-7-F	DDTD113ZK-7-F	DMC4028SSD	DMN601VK-7
DDTA144VUA-7-F	DDTC114TCA-7-F	DDTC124XUA-7-F	DDTD113ZU-7-F	DMC4040SSD	DMN6066SSD
DDTA144WKA-7-F	DDTC114TKA-7-F	DDTC125TCA-7-F	DDTD114EC-7-F	DMC4050SSD	DMN6066SSS
DDTA144WUA-7-F	DDTC114TUA-7-F	DDTC125TKA-7-F	DDTD114EK-7-F	DMG1012T-7	DMN6068SE
DDTB113EK-7-F	DDTC114WCA-7-F	DDTC125TUA-7-F	DDTD114EU-7-F	DMG1013T-7	DMN62D0LFB-7
DDTB113EU-7-F	DDTC114WKA-7-F	DDTC142JU-7-F	DDTD114GC-7-F	DMG1024UV-7	DMN62D0LFB-7B
DDTB113ZK-7-F	DDTC114WUA-7-F	DDTC142TU-7-F	DDTD114GK-7-F	DMG1026UV-7	DMN62D1SFB-7B
DDTB113ZU-7-F	DDTC114YCA-7-F	DDTC143ECA-13-F	DDTD114GU-7-F	DMG1029SV-7	DMN66D0LDW-7
DDTB114EK-7-F	DDTC114YKA-7-F	DDTC143ECA-7-F	DDTD114TC-7-F	DMG5802LFX-7	DMN66D0LT-7
DDTB114EU-7-F	DDTC114YUA-7-F	DDTC143EKA-7-F	DDTD114TK-7-F	DMN2004TK-7	DMP2004TK-7
DDTB114GK-7-F	DDTC115ECA-7-F	DDTC143EUA-7-F	DDTD114TU-7-F	DMN2004VK-7-G	DMP2004VK-7
DDTB114GU-7-F	DDTC115EKA-7-F	DDTC143FCA-7-F	DDTD122JC-7-F	DMN2005DLP4K-7	DMP2104LP-7
DDTB114TK-7-F	DDTC115EUA-7-F	DDTC143FKA-7-F	DDTD122JK-7-F	DMN2005LP4K-7	DMP2104V-7
DDTB114TU-7-F	DDTC115GCA-7-F	DDTC143FUA-7-F	DDTD122JU-7-F	DMN2005LP4K-7B	DMP2125UW-7
DDTB122JK-7-F	DDTC115GKA-7-F	DDTC143TCA-7-F	DDTD122LC-7-F	DMN2005LPK-7	DMP22D6UT-7
DDTB122JU-7-F	DDTC115GUA-7-F	DDTC143TKA-7-F	DDTD122LU-7-F	DMN2005LPK-7B	DMP4050SSD
DDTB122LU-7-F	DDTC115TCA-7-F	DDTC143TUA-7-F	DDTD122TC-7-F	DMN2300U-7	DMP4050SSS
DDTB122TU-7-F	DDTC115TKA-7-F	DDTC143XCA-7-F	DDTD122TU-7-F	DMN2300UFB-7	DMP57D5UFB-7



Affected Part Number List (cont.)

DMP57D5UFB-7B	FMMT618-7	FZT651TC	QZX363C15-7-F	ZVP1320F	ZXMN4A06G
DMP58D0LFB-7	FMMT618TA	FZT653TA	QZX363C20-7-F	ZVP2106G	ZXMN6A07F
DMP58D0LFB-7B	FMMT619-7	FZT653TC	QZX363C5V6-7-F	ZVP2110G	ZXMN6A08G
DMP58D0SV-7	FMMT619TA	FZT655TA	QZX363C6V8-7-F	ZVP2120G	ZXMN6A09DN8
FCX1047ATA	FMMT619TC	FZT688BTA	SBR130S3-7	ZVP3306F	ZXMN6A09G
FCX1051ATA	FMMT619USTC	FZT689BTA	SBR1A40S3-7	ZVP3310F	ZXMN6A11DN8
FCX1053A-7	FMMT620TA	FZT690BTA	SDM100K30L-7	ZVP4424G	ZXMN6A11G
FCX1053ATA	FMMT624TA	FZT692BTA	SDM100K30L-7-F	ZVP4525G	ZXMN6A25DN8
FCX1147ATA	FMMT624TC	FZT694BTA	TPD6V8LP-7	ZXMC3A16DN8	ZXMN6A25G
FCX1149ATA	FMMT625TA	FZT7053TA	VN10LF	ZXMC3A17DN8	ZXMN6A25N8
FCX1151ATA	FMMT634TA	FZT705TA	ZDT690TA	ZXMC3F31DN8	ZXMN7A11G
FCX591A-7	FMMTA06TA	FZT705TC	ZDT694TA	ZXMC4559DN8	ZXMN7A11KTC
FCX605TA	FMMTA13TA	FZT717TA	ZDT749TA	ZXMC6A09DN8	ZXMP10A13F
FCX617TA	FMMTA14TA	FZT749TA	ZDT749TC	ZXMHC10A07N8	ZXMP10A17E6TA
FCX619-13R	FMMTL618TA	FZT749TC	ZDT751TA	ZXMHC3A01N8	ZXMP10A18G
FCX619TA	FMMTL619TA	FZT751TA	ZDT753TA	ZXMHC3F381N8	ZXMP2120G4
FCX688BTA	FZT1047ATA	FZT751TC	ZDT795ATA	ZXMHC6A07N8	ZXMP3A13F
FCX690BTA	FZT1048ATA	FZT753TA	ZHCS1000TA	ZXMN10A07F	ZXMP3A13FTA
FCX705TA	FZT1049ATA	FZT753TC	ZHCS1000TC	ZXMN10A08DN8	ZXMP3A16DN8
FCX717TA	FZT1049ATC	FZT755TA	ZHCS2000TA	ZXMN10A08G	ZXMP3A16G
FCX718TA	FZT1051ATA	FZT788BTA	ZHCS400TA	ZXMN10A11G	ZXMP3A16N8
FCX789ATA	FZT1051ATC	FZT788BTC	ZHCS400TC	ZXMN10A11KTC	ZXMP3A17DN8
FCX790ATA	FZT1053ATA	FZT789ATA	ZHCS500TA	ZXMN10A25G	ZXMP3F30FH
FMMT38CTA	FZT1147ATA	FZT790ATA	ZHCS506TA	ZXMN2069F	ZXMP3F35N8
FMMT449TA	FZT1149ATA	FZT790ATC	ZHCS750TA	ZXMN2A01F	ZXMP3F36N8
FMMT451TA	FZT1151ATA	FZT792ATA	ZVN2106G	ZXMN2A02N8	ZXMP3F37N8
FMMT455TA	FZT489TA	FZT795ATA	ZVN2110G	ZXMN2A04DN8	ZXMP4A16G
FMMT489TA	FZT491ATA	FZT796ATA	ZVN2120G	ZXMN2A14F	ZXMP6A13F
FMMT491ATA	FZT491TA	FZT849TA	ZVN3306F	ZXMN2B01F	ZXMP6A13FTA
FMMT491ATC	FZT493TA	FZT851TA	ZVN3310F	ZXMN2B14FH	ZXMP6A13G
FMMT491TA	FZT549TA	FZT853TA	ZVN3320F	ZXMN2F30FH	ZXMP6A16DN8
FMMT491TC	FZT589TA	FZT855TA	ZVN4106F	ZXMN2F34FH	ZXMP6A16G
FMMT493ATA	FZT591ATA	FZT869TA	ZVN4206G	ZXMN3A01F	ZXMP6A17DN8
FMMT493TA	FZT591TA	FZT948TA	ZVN4206GV	ZXMN3A02N8	ZXMP6A17G
FMMT493TC	FZT593TA	FZT949TA	ZVN4210G	ZXMN3A04DN8	ZXMP6A17N8
FMMT494TA	FZT600BTA	FZT951TA	ZVN4306G	ZXMN3A06DN8	ZXMP6A18DN8
FMMT494TC	FZT600TA	FZT951TC	ZVN4306GV	ZXMN3A14F	ZXMP7A17G
FMMT495TA	FZT603TA	FZT953TA	ZVN4310G	ZXMN3B01F	ZXTN10150DZTA
FMMT495TC	FZT605TA	FZT955TA	ZVN4424G	ZXMN3B04N8	ZXTN2038FTA
FMMT614TA	FZT605TC	FZT956TA	ZVN4525G	ZXMN3B14F	ZXTN2040FTA
FMMT614TC	FZT649TA	FZT968TA	ZVNL110G	ZXMN3F30FH	ZXTN5551FLTA
FMMT617TA	FZT649TC	FZTA14TA	ZVNL120G	ZXMN3F31DN8	ZXTN5551GTA
FMMT617TC	FZT651TA	QZX363C12-7-F	ZVP0545G	ZXMN3G32DN8	ZXTP5401GTA