



PRODUCT CHANGE NOTICE

PCN-2690 REV 1

Notification Date:	Implementation Date:	Product Family:	Change Type:	PCN #:
29 May, 2024	29 August, 2024	Discrete Semiconductor	Additional Assembly & Test Site / Assembly Bill of Materials / Additional Wafer Source	2690
TITLE				
Qualification of Diodes' subcontractor Eris Technology Corporation (Eris) in Taoyuan, Taiwan as Additional Assembly & Test Site and Diodes internal JK FAB in HsinChu, Taiwan as additional wafer source for Select Discrete Products.				
DESCRIPTION OF CHANGE				
This PCN is being issued to notify customers that in order to assure continuity of supply, Diodes has qualified its subcontractor Eris Technology Corporation (Eris) in Taoyuan, Taiwan as additional Assembly and Test site using PdCu wire with plating at BandI for discrete products listed in the table below. Some select products are also subject to standardization of the assembly bill of materials including mold compound, lead frame types and bonding wire diameter at Eris. In addition, Diodes Incorporated has qualified Diodes internal JK FAB in Hsinchu, Taiwan as additional wafer source along with back metal (BM) processing at internal "Diodes Technology (Cheng Du) Company Limited" (CAT) located in Chengdu, China for select discrete product listed in the table below. Full electrical characterization and high reliability testing have been completed on representative part numbers to ensure there is no change to device functionality or electrical specifications in the datasheet. There will be no change to Fit or Function of products affected.				
IMPACT				
Continuity of Supply. No change in datasheet electrical parameters and product performance.				
PRODUCTS AFFECTED				
Please see the attached part list and top marking changes in following tables: Table 1 – Affected part list to add Eris as additional A/T site using PdCu wire with plating at BandI Table 2 – Affected part list to add Eris as additional A/T site using PdCu wire with plating at BandI and add JK FAB as additional wafer source along with BM processing at CAT Table 3 – Part marking format (Y of the date code or first character of the product type code underlined to denote Eris)				
WEB LINKS				
Manufacturer's Notice:	https://www.diodes.com/quality/product-change-notices/diodes-product-change-notices/			
For More Information Contact:	https://www.diodes.com/about/contact-us/contact-sales/			
Data Sheet:	https://www.diodes.com/catalog/			
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 - Affected part list to add Eris as additional A/T site using PdCu wire with plating at Band1

1N4148W-13-F	AZ23C3V0-7-F	BAT54-13-F	BSS123-13-F	BZT52C27S-7-F	BZT52C5V1-7-F
1N4148W-7-F	AZ23C3V3-7-F	BAT54-7-F	BSS123-7-F	BZT52C2V0-7-F	BZT52C5V1S-7-F
1N4148WS-13-F	AZ23C3V6-7-F	BAT54A-13-F	BSS123K-7	BZT52C2V0S-7-F	BZT52C5V6-13-F
1N4148WS-7-F	AZ23C3V9-7-F	BAT54A-7-F	BSS138-13-F	BZT52C2V4-13-F	BZT52C5V6-7-F
1N4448HWS-13-F	AZ23C43-7-F	BAT54C-7-F	BSS138-7-F	BZT52C2V4-7-F	BZT52C5V6S-7-F
1N4448HWS-7-F	AZ23C47-7-F	BAT54S-7-F	BSS138K-13	BZT52C2V4S-7-F	BZT52C6V2-13-F
1N4448W-13-F	AZ23C4V3-7-F	BAT54WS-13-F	BSS138K-7	BZT52C2V7-13-F	BZT52C6V2-7-F
1N4448W-7-F	AZ23C4V7-7-F	BAT54WS-7-F	BSS84-13-F	BZT52C2V7-7-F	BZT52C6V2S-7-F
1N4448WS-7-F	AZ23C51-7-F	BAV16W-7-F	BSS84-7-F	BZT52C2V7S-7-F	BZT52C6V8-13-F
1N5711W-7-F	AZ23C5V1-7-F	BAV70-13-F	BZT52C10-13-F	BZT52C30-7-F	BZT52C6V8-7-F
1N5711WS-7-F	AZ23C5V6-7-F	BAV70-7-F	BZT52C10-7-F	BZT52C30S-7-F	BZT52C6V8S-7-F
1N5819HW-7-F	AZ23C6V2-7-F	BAV99-13-F	BZT52C10S-7-F	BZT52C33-13-F	BZT52C7V5-7-F
1N6263W-7-F	AZ23C6V8-7-F	BAV99-7-F	BZT52C11-7-F	BZT52C33-7-F	BZT52C7V5S-7-F
2DC2412R-7	AZ23C7V5-7-F	BAW56-13-F	BZT52C11S-7-F	BZT52C33S-7-F	BZT52C8V2-13-F
2N7002-13-F	AZ23C8V2-7-F	BAW56-7-F	BZT52C12-13-F	BZT52C36-7-F	BZT52C8V2-7-F
2N7002-7-F	AZ23C9V1-7-F	BC807-25-7-F	BZT52C12-7-F	BZT52C36S-7-F	BZT52C8V2S-7-F
2N7002A-13	B0520LW-7-F	BC817-16-7-F	BZT52C12S-7-F	BZT52C39-13-F	BZT52C9V1-13-F
2N7002A-7	B0530W-7-F	BC817-25-7-F	BZT52C13-7-F	BZT52C39-7-F	BZT52C9V1-7-F
2N7002E-7-F	B0540W-7-F	BC817-40-7-F	BZT52C13S-7-F	BZT52C39S-7-F	BZT52C9V1S-7-F
2N7002K-13	B130LAW-7-F	BC846A-7-F	BZT52C15-13-F	BZT52C3V0-7-F	BZX84C10-7-F
2N7002K-7	B140HW-7	BC846B-13-F	BZT52C15-7-F	BZT52C3V0S-7-F	BZX84C11-7-F
AZ23C10-7-F	BAL99-7-F	BC846B-7-F	BZT52C15S-7-F	BZT52C3V3-7-F	BZX84C12-13-F
AZ23C11-7-F	BAS16-7-F	BC847A-7-F	BZT52C16-13-F	BZT52C3V3S-7-F	BZX84C12-7-F
AZ23C12-7-F	BAS21-7-F	BC847B-13-F	BZT52C16-7-F	BZT52C3V6-13-F	BZX84C13-7-F
AZ23C13-7-F	BAS299-7	BC847B-7-F	BZT52C16S-7-F	BZT52C3V6-7-F	BZX84C15-13-F
AZ23C15-7-F	BAS40-04-7-F	BC847C-7-F	BZT52C18-7-F	BZT52C3V6S-7-F	BZX84C15-7-F
AZ23C16-7-F	BAS40-05-7-F	BC848C-7-F	BZT52C18S-7-F	BZT52C3V9-13-F	BZX84C16-7-F
AZ23C18-7-F	BAS40-06-7-F	BC856A-7-F	BZT52C20-13-F	BZT52C3V9-7-F	BZX84C18-7-F
AZ23C20-7-F	BAS40-7-F	BC856B-13-F	BZT52C20-7-F	BZT52C3V9S-7-F	BZX84C20-13-F
AZ23C22-7-F	BAS70-04-7-F	BC856B-7-F	BZT52C20S-7-F	BZT52C43-7-F	BZX84C20-7-F
AZ23C24-7-F	BAS70-05-7-F	BC857B-13-F	BZT52C22-13-F	BZT52C47-7-F	BZX84C22-7-F
AZ23C27-7-F	BAS70-06-7-F	BC857B-7-F	BZT52C22-7-F	BZT52C4V3-7-F	BZX84C24-7-F
AZ23C2V7-7-F	BAS70-7-F	BC857C-13-F	BZT52C22S-7-F	BZT52C4V3S-7-F	BZX84C27-7-F
AZ23C30-7-F	BAT42W-7-F	BC857C-7-F	BZT52C24-13-F	BZT52C4V7-13-F	BZX84C2V4-7-F
AZ23C33-7-F	BAT42WS-7-F	BC858C-7-F	BZT52C24-7-F	BZT52C4V7-7-F	BZX84C2V7-7-F
AZ23C36-13-F	BAT43W-7-F	BCV46TA	BZT52C24S-7-F	BZT52C4V7S-7-F	BZX84C30-7-F
AZ23C36-7-F	BAT43WS-7-F	BCW68HTA	BZT52C27-13-F	BZT52C51-7-F	BZX84C33-13-F
AZ23C39-7-F	BAT46W-7-F	BS870-7-F	BZT52C27-7-F	BZT52C5V1-13-F	BZX84C33-7-F

Table 1 - Affected part list to add Eris as additional A/T site using PdCu wire with plating at Band1 (Cont.)

BZX84C36-7-F	DDTC144TCA-7-F	DMN3032LFDB-7	DMP2035UFDF-13	DMT3006LFDF-13	DZ23C3V3-7-F
BZX84C39-7-F	DMC2025UFDB-7	DMN3042LFDF-13	DMP2035UFDF-7	DMT3006LFDF-7	DZ23C3V6-7-F
BZX84C3V0-7-F	DMC2053UFDB-7	DMN3042LFDF-7	DMP2040UFDF-7	DMT3008LFDF-13	DZ23C3V9-7-F
BZX84C3V3-7-F	DMC3032LFDB-7	DMN3055LFDB-13	DMP2065UFDB-13	DMT3008LFDF-7	DZ23C43-7-F
BZX84C3V6-7-F	DMN1004UFDF-13	DMN3055LFDB-7	DMP2065UFDB-7	DMT3020LFDB-7	DZ23C47-7-F
BZX84C3V9-13-F	DMN1004UFDF-7	DMN30H4D0LFDE-13	DMP2075UFDB-13	DMT3020UFDB-7	DZ23C4V3-7-F
BZX84C3V9-7-F	DMN1008UFDF-13	DMN30H4D0LFDE-7	DMP2075UFDB-7	DMT35M4LFDF-13	DZ23C4V7-7-F
BZX84C43-7-F	DMN1008UFDF-7	DMN31D5L-13	DMP2110UFDB-7	DMT35M4LFDF-7	DZ23C51-7-F
BZX84C47-7-F	DMN10H170SFDE-7	DMN31D5L-7	DMP3025SFDF-13	DMT4008LFDF-13	DZ23C5V1-7-F
BZX84C4V3-7-F	DMN10H220LFDF-7	DMN3732U-13	DMP3026SFDE-13	DMT4008LFDF-7	DZ23C5V6-7-F
BZX84C4V7-13-F	DMN10H6D2LFDB-7	DMN4020LFDE-13	DMP3026SFDE-7	DMT4031LFDF-7	DZ23C6V2-7-F
BZX84C4V7-7-F	DMN14M8UFDF-13	DMN4020LFDE-7	DMP3026SFDF-13	DMT5015LFDF-13	DZ23C6V8-7-F
BZX84C51-7-F	DMN14M8UFDF-7	DMN52D0U-7	DMP3026SFDF-7	DMT6012LFDF-13	DZ23C7V5-7-F
BZX84C5V1-13-F	DMN2004K-7	DMN53D0L-13	DMP3028LFDE-13	DMT6012LFDF-7	DZ23C8V2-7-F
BZX84C5V1-7-F	DMN2009UFDF-7	DMN53D0L-7	DMP3028LFDE-7	DMT6013LFDF-7	DZ23C9V1-7-F
BZX84C5V6-13-F	DMN2011UFDE-7	DMN53D0U-13	DMP31D1U-7	DMT6016LFDF-13	MBR0580S1-7
BZX84C5V6-7-F	DMN2011UFDF-13	DMN53D0U-7	DMP31D7L-13	DMT6016LFDF-7	MBR180S1-7
BZX84C6V2-13-F	DMN2011UFDF-7	DMN601K-7	DMP31D7L-7	DMT6017LFDF-13	MMBD4148-13-F
BZX84C6V2-7-F	DMN2015UFDE-7	DMN6040SFDE-7	DMP4047LFDE-7	DMT6017LFDF-7	MMBD4148-7-F
BZX84C6V8-7-F	DMN2015UFDF-7	DMN62D2U-13	DMP510DL-13	DMT6030LFDF-7	MMBD4448-7-F
BZX84C7V5-7-F	DMN2024UFDF-7	DMN62D2U-7	DMP510DL-7	DMT8030LFDF-7	MMBD7000-7-F
BZX84C8V2-13-F	DMN2025UFDB-7	DMN63D1L-13	DMP610DL-13	DZ23C10-7-F	MMBD7000HC-7-F
BZX84C8V2-7-F	DMN2025UFDF-13	DMN65D8L-7	DMP610DL-7	DZ23C11-7-F	MMBF170-13-F
BZX84C9V1-7-F	DMN2025UFDF-7	DMN65D9L-13	DMP6110SFDF-13	DZ23C12-7-F	MMBF170-7-F
DDTA114YCA-7-F	DMN2053UFDB-7	DMN65D9L-7	DMP6110SFDF-7	DZ23C13-7-F	MMBT2222A-13-F
DDTA143TCA-7-F	DMN2300U-7	DMN67D8L-13	DMP6250SFDF-13	DZ23C15-7-F	MMBT2222A-7-F
DDTA143ZCA-7-F	DMN2310U-13	DMN67D8L-7	DMP6250SFDF-7	DZ23C16-7-F	MMBT2907A-13-F
DDTA144ECA-7-F	DMN2310U-7	DMP1005UFDF-13	DMT10H032LFDF-13	DZ23C18-7-F	MMBT2907A-7-F
DDTA144WCA-7-F	DMN29M9UFDF-7	DMP1005UFDF-7	DMT10H032LFDF-7	DZ23C20-7-F	MMBT3904-13-F
DDTB113ZC-7-F	DMN3016LFDE-13	DMP1009UFDF-13	DMT10H052LFDF-13	DZ23C22-7-F	MMBT3904-7-F
DDTC114ECA-7-F	DMN3016LFDE-7	DMP1009UFDF-7	DMT10H052LFDF-7	DZ23C24-7-F	MMBT3906-13-F
DDTC114YCA-7-F	DMN3016LFDF-13	DMP1012UFDF-13	DMT10H072LFDF-13	DZ23C27-7-F	MMBT3906-7-F
DDTC124ECA-7-F	DMN3016LFDF-7	DMP1012UFDF-7	DMT10H072LFDF-7	DZ23C2V7-7-F	MMBT4401-13-F
DDTC124XCA-7-F	DMN3020UFDF-7	DMP2016UFDF-7	DMT12H060LFDF-13	DZ23C30-7-F	MMBT4401-7-F
DDTC143ECA-7-F	DMN3021LFDF-13	DMP2021UFDE-7	DMT12H060LFDF-7	DZ23C33-7-F	MMBT4403-13-F
DDTC143XCA-7-F	DMN3021LFDF-7	DMP2021UFDF-7	DMT12H065LFDF-13	DZ23C36-7-F	MMBT5551-7-F
DDTC143ZCA-7-F	DMN3025LFDF-7	DMP2023UFDF-13	DMT12H065LFDF-7	DZ23C39-7-F	MMBTA05-7-F
DDTC144ECA-7-F	DMN3032LFDB-13	DMP2023UFDF-7	DMT2004UFDF-7	DZ23C3V0-7-F	MMBTA06-7-F

Table 1 - Affected part list to add Eris as additional A/T site using PdCu wire with plating at BandI (Cont.)

MMBTA13-7-F	MMBZ5228B-7-F	MMBZ5238B-7-F	MMBZ5251B-7-F	SD101AWS-7-F	SD103CWS-7-F
MMBTA14-13-F	MMBZ5229B-7-F	MMBZ5239B-7-F	MMBZ5252B-7-F	SD101BW-7-F	SD107WS-7-F
MMBTA42-13-F	MMBZ5230B-7-F	MMBZ5240B-7-F	MMBZ5254B-7-F	SD101CW-7-F	SD12A-7
MMBTA42-7-F	MMBZ5231B-13-F	MMBZ5241B-7-F	MMBZ5255B-7-F	SD101CWS-7-F	SD15-7
MMBTA63-7-F	MMBZ5231B-7-F	MMBZ5242B-7-F	MMBZ5256B-7-F	SD103AW-13-F	SD24-7
MMBTA64-7-F	MMBZ5232B-7-F	MMBZ5243B-7-F	MMBZ5257B-7-F	SD103AW-7-F	SD36-7
MMBZ5221B-7-F	MMBZ5233B-7-F	MMBZ5244B-7-F	MMBZ5258B-7-F	SD103AWS-7-F	SDM10K45-7-F
MMBZ5222B-7-F	MMBZ5234B-7-F	MMBZ5245B-7-F	MMBZ5259B-7-F	SD103BW-7-F	ZXTN2040FTA
MMBZ5223B-7-F	MMBZ5235B-7-F	MMBZ5246B-7-F	SD03-7	SD103BWS-7-F	ZXTP2039FTA
MMBZ5225B-7-F	MMBZ5236B-7-F	MMBZ5248B-7-F	SD05A-7	SD103CW-13-F	ZXTP25020DFLTA
MMBZ5226B-7-F	MMBZ5237B-7-F	MMBZ5250B-7-F	SD101AW-7-F	SD103CW-7-F	ZXTP25040DFLTA
MMBZ5227B-7-F					

Table 2 - Affected part list to add Eris as additional A/T site using PdCu wire with plating at BandI and add JK FAB as additional wafer source along with BM processing at CAT

BC847C-13-F					
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Table 3 – Part Marking Format (Please refer to the examples below)

SAT (Diodes Internal Assembly & Test site Shanghai, China) and CAT (Diodes Internal AT site Chengdu, China)		Eris (Diodes External Assembly & Test Site Taoyuan, Taiwan) <u>Y of the date code or first character of the product type code underlined to denote Eris</u>
Marking format example		Marking format example
		
		
		
		
		