



DATE: 7 November, 2023

PCN #: 2631

PCN Title: Qualification of Additional Wafer Source for 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 immediately. 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-2631 REV 1**

Notification Date:	Implementation Date:	Product Family:	Change Type:	PCN #:
7 November, 2023	7 February, 2024	Discrete	Additional Wafer Source	2631
TITLE				
Qualification of Additional Wafer Source for Select Discrete Products				
DESCRIPTION OF CHANGE				
<p>This PCN is being issued to notify customers that in order to assure continuity of supply, Diodes Incorporated has qualified Diodes internal wafer fabrication source WX1 in WuXi, China as additional wafer source, and also qualified 5-inch diameter wafers replacing 4-inch diameter wafers at WX1 for select discrete products listed below.</p> <p>Full electrical characterization and reliability testing has been completed on representative part numbers to ensure there is no change to product reliability, 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				
No change in datasheet parameters or product performance				
PRODUCTS AFFECTED				
Table 1 – Affected part list to qualify WX1 as additional wafer source Table 2 – Affected part list to qualify 5-inch diameter wafers replacing 4-inch diameter wafers at WX1				
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 qualify WX1 as additional wafer source

1N4001G-T	1N5408G_HF	GBP208	S2GA-13-F	S3A-13-F	S3KB-13-F
1N4002G-T	1N5408G-T	GBP208_HF	S2J_HF	S3AB-13-F	S3M_HF
1N4003G-T	2A07G_HF	GBP210	S2J-13-F	S3B-13-F	S3M-13-F
1N4004G-T	2A07G_HF-A52	GBP210_HF	S2JA_HF	S3BB-13-F	S3MB_HF
1N4005G-T	D4G-T	LT2A07G	S2JA-13-F	S3D-13-F	S3MB-13-F
1N4006G-T	D5G-T	PDR3G-13	S2K_HF	S3DB-13-F	S5AC-13-F
1N4007G_HF	D7G-T	PDR5G-13	S2K-13-F	S3G-13-F	S5BC-13-F
1N4007G-T	DFLR1200-7	S2A-13-F	S2KA-13-F	S3GB-13-F	S5DC-13-F
1N5400G-T	DFLR1400-7	S2AA-13-F	S2M_HF	S3J_HF	S5GC-13-F
1N5401G-T	DFLR1600-7	S2B-13-F	S2M-13-F	S3J-13-F	S5JC_HF
1N5402G-T	FS2MD_HF	S2BA-13-F	S2MA_HF	S3JB_HF	S5JC-13-F
1N5404G-T	FS2ME_HF	S2D-13-F	S2MA-13-F	S3JB-13-F	S5KC-13-F
1N5406G_HF	GBP206	S2DA-13-F	S2MH_HF	S3K-13-F	S5MC_HF
1N5406G-T	GBP206_HF	S2G-13-F	S2MHA_HF	S3KB_HF	S5MC-13-F
1N5407G-T					

Table 2 - Affected part list to qualify 5-inch diameter wafers replacing 4-inch diameter wafers at WX1

ABS20M_HF	DF08M	DF1506S-T	GBJ1010-F	GBJ2502-F	GBJ606-F
ABS20M-13	DF08M_HF	DF1508M_HF	GBJ1502-F	GBJ2504-F	GBJ608_HF
ABS20MH_HF	DF08S	DF1508S	GBJ1504-F	GBJ2506_HF	GBJ608-F
ABS20MH-13	DF08S_HF	DF1508S_HF	GBJ1506_HF	GBJ2506-F	GBJ610-F
DF005M	DF08S-T	DF1508S-T	GBJ1506-F	GBJ2508_HF	GBJ801-F
DF005S	DF10M	DF1510S	GBJ1508_HF	GBJ2508-F	GBJ802-F
DF005S-T	DF10M_HF	DF1510S_HF	GBJ1508-F	GBJ2510_HF	GBJ804-F
DF01M	DF10S	DF1510S-T	GBJ1510_HF	GBJ2510-F	GBJ806_HF
DF01S	DF10S_HF	DF1512S_HF	GBJ1510-F	GBJ25KH_HF	GBJ806-F
DF01S-T	DF10S-T	DF1514S_HF	GBJ15V10_HF	GBJ25V08_HF	GBJ808_HF
DF02M	DF15005S	FS1ME_HF	GBJ2001-F	GBJ25V08-TU	GBJ808-F
DF02S	DF15005S-T	FS1ME_HF-07	GBJ2002-F	GBJ3506_HF	GBJ810-F
DF02S-T	DF1501S	FS1ME-7	GBJ2004-F	GBJ3508_HF	GBJS3010_HF
DF04M	DF1501S-T	GBJ10005-F	GBJ2006_HF	GBJ3510_HF	GBJS4010
DF04S	DF1502S	GBJ1001-F	GBJ2006-F	GBJ3510-F	GBL206_HF
DF04S-T	DF1502S-T	GBJ1002-F	GBJ2008_HF	GBJ5010_HF	GBL208_HF
DF06M	DF1504S	GBJ1004-F	GBJ2008-F	GBJ6005-F	GBL406_HF
DF06M_HF	DF1504S-T	GBJ1006_HF	GBJ2010_HF	GBJ601-F	GBL406-TU
DF06S	DF1506M_HF	GBJ1006-F	GBJ2010-F	GBJ602-F	GBL408_HF
DF06S_HF	DF1506S	GBJ1008_HF	GBJ25005-F	GBJ604-F	GBL408-TU
DF06S-T	DF1506S_HF	GBJ1008-F	GBJ2501-F	GBJ606_HF	GBL410

Table 2 - Affected part list to qualify 5-inch diameter wafers replacing 4-inch diameter wafers at WX1 (Cont.)

GBL410_HF	GBU10V08-TU	GBU8005	KBJ606G	KBP310G	S1G-13-F
GBL410_HF-LS	GBU1506_HF	GBU801	KBJ606G_HF	KBP310G_HF	S1G-13-G
GBL610_HF	GBU1506-TU	GBU802	KBJ608G	KBP404G	S1GB-13-F
GBL610-TU	GBU1508_HF	GBU804	KBJ608G_HF	KBP406G	S1GT-04LC-F
GBP306	GBU1508-TU	GBU806	KBJ610G	KBP406G_HF	S1J_HF
GBP308	GBU1510_HF	GBU806_HF	KBJ610G_HF	KBP408G	S1J-13-F
GBP308_HF	GBU2508_HF	GBU808	KBP005G	KBP408G_HF	S1JB-13-F
GBP310	GBU2510_HF	GBU808_HF	KBP01G	KBP410G	S1K_HF
GBP310_HF	GBU2510-TU	GBU810	KBP02G	KBP410G_HF	S1K-13-F
GBP406	GBU25KH	GBU810_HF	KBP04G	MSB15M_HF	S1KB-13-F
GBP406_HF	GBU25KH_HF	HD01-T	KBP06G	MSB15MH_HF	S1M_HF
GBP406N_HF	GBU3008_HF	HD02-T	KBP06G_HF	MSB15MH-13	S1M-13-F
GBP408	GBU3008-TU	HD04-T	KBP08G	MSB20M_HF	S1MB-13-F
GBP408_HF	GBU30T08	HD06-T	KBP08G_HF	MSB22M_HF	S5JB_HF
GBP408N_HF	GBU4005	HDS20M_HF	KBP10G	MSB25MH_HF	S5KB_HF
GBP410	GBU401	HDS20M-13	KBP2005G	MSB25MH-13	S5KB-13
GBP410_HF	GBU402	KBJ1006G_HF	KBP201G	MSB30KH_HF	S5MB_HF
GBP808N	GBU404	KBJ1008G_HF	KBP202G	MSB30KH-13	S5MB-13
GBP808N_HF	GBU406	KBJ1010G_HF	KBP204G	MSB30M_HF	S8JC_HF
GBP810_HF	GBU406_HF	KBJ2006G_HF	KBP206G	MSB30M-13	S8KC_HF
GBP810-TU	GBU408	KBJ2008G_HF	KBP206G_HF	S10JC_HF	S8KC-13
GBU10005	GBU408_HF	KBJ2008G-TU	KBP206GL_HF	S10JC-13	S8MC_HF
GBU1001	GBU410	KBJ401G	KBP208G	S10KC_HF	S8MC-13
GBU1002	GBU410_HF	KBJ402G	KBP208G_HF	S10KC-13	TT10M-13
GBU1004	GBU6005	KBJ404G	KBP208GL_HF	S10MC_HF	TT2M_HF
GBU1006	GBU601	KBJ406G	KBP210G	S10MC-13	TT3M
GBU1006_HF	GBU602	KBJ406G_HF	KBP210G_HF	S1A-13-F	TT410-13
GBU1008	GBU604	KBJ408G	KBP210GL_HF	S1AB-13-F	TT4M
GBU1008_HF	GBU606	KBJ408G_HF	KBP304G	S1B-13-01-F	TT4M_HF
GBU1010	GBU606_HF	KBJ410G	KBP306G	S1B-13-F	TT4V10
GBU1010_HF	GBU608	KBJ410G_HF	KBP306G_HF	S1BB-13-F	TT6M_HF
GBU10V06_HF	GBU608_HF	KBJ601G	KBP308G	S1D-13-F	TT8M
GBU10V06-TU	GBU610	KBJ604G	KBP308G_HF	S1DB-13-F	TT8M_HF
GBU10V08_HF	GBU610_HF				