



DATE: October 23, 2020

PCN #: 2478 - REV 2 – (Interim Update)

PCN Title: Additional Wafer Source (GFAB)

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.

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-2478 REV 2 –
INTERIM UPDATE**

Notification Date:	Implementation Date:	Product Family:	Change Type:	PCN #:
August 13, 2020	November 23, 2020	Discrete - Automotive	Additional Wafer Source / Assembly BOM	2478
TITLE				
Additional Wafer Source (GFAB)				
DESCRIPTION OF CHANGE				
<p>REV 2: This interim update provides a partial listing of affected part numbers for which qualification is complete for the changes listed in the title of the tables below. Qualification / reliability reports are attached (embedded in this file).</p> <p>For other associated changes (identified in the Advance version (Rev 1) of PCN-2478 released August 13th, 2020) qualification testing is ongoing. Updates and qualification data will be provided in the Final version of this PCN. The final PCN is expected to be issued by January 31st, 2021 once all qualification has been completed.</p> <p>This PCN is being issued to notify customers that in order to assure continuity of supply, Diodes is qualifying an additional internal wafer source located in Greenock, Scotland (GFAB), for automotive products.</p> <p>Full electrical characterization and high reliability testing has been completed on representative products to ensure there is no change to device functionality or electrical specifications in the datasheet for products listed in the tables below.</p> <p>In conjunction with adding the wafer source, several additional changes will be implemented on select part numbers to ensure continuity of supply, to standardize manufacturing processes, and to enhance manufacturability. This includes alignment of wafer fab and assembly bill of material (BOM), i.e. wafer process metal system, mold compound, die attach material, lead frame type, bond wire material and/or wire diameter.</p> <p>Please contact your local Diodes Sales representative for samples availability.</p>				
IMPACT				
Continuity of Supply. There will be no change to the Form, Fit or Function of products affected, unless specifically indicated.				
No change in datasheet parameters and product performance.				
PRODUCTS AFFECTED				
Table 1: Additional Wafer Source (GFAB) Table 2: Additional Wafer Source (GFAB) and Assembly BOM Change				
WEB LINKS				
Manufacturer's Notice:	https://www.diodes.com/quality/product-change-notices/diodes-product-change-notices/			
For More Information Contact:	http://www.diodes.com/contacts.html			
Data Sheet:	http://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 - Add GFAB as the additional wafer source

B1100Q-13-F	PD3S130LQ-7	PDS3100Q-7	PDS4150Q-13	PDS5100HQ-13D	PDS760Q-13
B170Q-13-F	PD3S160Q-7	PDS3200Q-13	PDS4200HQ-13	PDS5100Q-13D	SDM20U30Q-7
B180Q-13-F	PD3S230LQ-7	PDS360Q-13	PDS5100HQ-13	PDS560Q-13	SDM2100S1FQ-7
B190Q-13-F	PDS3100Q-13				

Table 2 – Add GFAB as the additional wafer source, and modify assembly BOM

BAS40-04Q-13-F	BAS40-05Q-7-F	BAS40Q-13-F	DFLS1150Q-7	DFLS130LQ-7	DFLS230LQ-7
BAS40-04Q-7-F	BAS40-06Q-13-F*	BAS40Q-7-F*	DFLS1200Q-7	DFLS2100Q-7	DFLS230Q-7
BAS40-05Q-13-F	BAS40-06Q-7-F	DFLS1100Q-7	DFLS120LQ-7		

Note 1: "*" Also affected by Phenitec Wafer Manufacturing Site Change announced via PCN 2461