



DATE: June 8, 2022

PCN #: 2586

PCN Title: Qualified Additional Wafer Fab Backend IMD Material and Process - Automotive

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-2586 REV 1

Notification Date:	Implementation Date:	Product Family:	Change Type:	PCN #:
June 8, 2022	September 8, 2022	Analog - Automotive	Wafer Fab Backend IMD Material/Process	2586
TITLE				
Qualified Additional Wafer Fab Backend IMD Material and Process - Automotive				
DESCRIPTION OF CHANGE				
<p>This PCN is being issued to notify customers that this change is an enhancement to the wafer fab process and assures continuity of supply, Diodes Incorporated has qualified high-density plasma (HDP) oxide chemical vapor deposition (CVD) as new intermetallic dielectric (IMD) material and process for select Automotive products.</p> <p>Full electrical characterization and high reliability testing has been completed on representative part numbers to ensure no change to device functionality or electrical specifications in the datasheet. Refer to the attached qualification report embedded in this file (to view, download this PCN file then open it with a PDF viewer to see the attached qual report).</p>				
IMPACT				
Continuity of Supply. There will be no change to the Form, Fit or Function of products affected, unless specifically indicated.				
PRODUCTS AFFECTED				
Table 1 - Qualified Additional Wafer Fab Backend IMD Material and Process				
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 - Qualified Additional Wafer Fab Backend IMD Material and Process					
PI3USB221EQ1ZUAEX	PI4IOE5V6416Q2LEX	PI5USB2546AQZHEX	PI5USB2546QZHEX	PI6C49CB01Q2WEX	PI6C49CB01Q3WEX
PI6C49CB02Q2WEX	PI6C49CB02Q3WEX	PI6C49CB04AQ2WEX	PI6C49CB04AQ3WEX	PI6C49CB04BQ2WEX	PI6C49CB04BQ3WEX
PI6C49CB04CQ2WEX	PI6C49CB04CQ3WEX				