



DATE: 24 May, 2017

PCN #: 2276

PCN Title: Qualification of a Different Wafer Fab for Select Parts Due to the Closure of Global Foundry Fab 6

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-2276 REV 1

Notification Date:	Implementation Date:	Product Family:	Change Type:	PCN #:
24 May, 2017	24 August, 2017	EQX	Change of Fab Site	2276
TITLE				
Qualification of a Different Wafer Fab for Select Parts Due to the Closure of Global Foundry Fab 6				
DESCRIPTION OF CHANGE				
<p>This PCN is being issued to notify customers that Global Foundry Fab 6 is closing their line. In order to ensure continuity of supply, Diodes has qualified Shanghai Fab1 of Semiconductor Manufacturing International Corporation (SMIC) for select parts.</p> <p>SMIC's facility has achieved certification to ISO 9001:2008, ISO/TS 16949:2009 and TL 9000-H at all of their Fabs.</p> <p>Full electrical characterization and high reliability testing has been completed on representative part numbers to ensure there is no change to device functionality or electrical specifications in the datasheet. See attached qualification report.</p>				
IMPACT				
<p>There will be no change to the Form, Fit, or Function of products affected.</p> <p>The die source can be derived from the date code. The devices that use the die from SMIC show a suffix "I" vs. the die from Global Foundry using suffix of "C", see below.</p> <p>Example: Date code of Old die = 1320JC, where C is the fab code for Global Foundry Date code of New die = 1415JI, where I is the fab code for SMIC</p>				
PRODUCTS AFFECTED				
See Table 1: Affected Parts List				
WEB LINKS				
Manufacturer's Notice:	http://www.diodes.com/pcns			
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: Affected Parts List

Affected Part Numbers
PI3EQX5801ZDE
PI3EQX5801ZDEX
PI3EQX7841ZDE
PI3EQX7841ZDEX
PI3EQX6801ZDE
PI3EQX6801ZDEX
PI3EQX6741STZDE
PI3EQX6741STZDE