



DATE: March 15, 2017

PCN #: 2260

PCN Title: Changing the Wafer Fab From Global Foundry to Semiconductor Manufacturing International Corporation (SMIC)

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-2260 REV 00

Notification Date:	Implementation Date:	Product Family:	Change Type:	PCN #:
15 March, 2017	15 June, 2017	EQX	Change of Fab Site	2260
TITLE				
Changing the Wafer Fab From Global Foundry to Semiconductor Manufacturing International Corporation (SMIC)				
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 Semiconductor Manufacturing International Corporation (SMIC).</p> <p>SMIC's facility has achieved certification to <u>ISO 9001</u>, <u>ISO/TS 16949</u> and <u>TL 9000</u> at all of their Fabs. More information on this supplier is available at SMIC's website: http://www.smics.com</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.</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. Global Foundry 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
PI2EQX6804-ANJE
PI2EQX6804-ANJEX
PI2EQX6812ZHE
PI2EQX6812ZHEX
PI2EQX6814NJE
PI2EQX6814NJEX
PI2EQX6874ZFE
PI2EQX6874ZFEX
PI2EQX5904NJE
PI2EQX5904NJEX
PI2EQX5964ZLE
PI2EQX5964ZLEX
PI2EQX5984ZLE
PI2EQX5984ZLEX