



DATE: September 30, 2020

PCN #: 2326 – Rev 3 (Final)

PCN Title: Fab Porting from Global Foundries to MagnaChip

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 and provide us with forecast within 30 days of the date of this PCN. 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-2326 REV 3 - FINAL

Notification Date:	Implementation Date:	Product Family:	Change Type:	PCN #:
April 20, 2018	December 30, 2020	Analog	Fab Change	2326

TITLE

Fab Porting from Global Foundries to MagnaChip

DESCRIPTION OF CHANGE

This PCN is being issued to notify customers that Global Foundries in Woodlands, Singapore closed their 0.35um technology wafer production on December 15, 2018. Diodes will continue supporting orders for Global Foundries parts up to March 30, 2020 for last time buy and March 30, 2021 for last time ship.

In order to assure continuity of supply, Diodes has decided to port these parts to Magnachip Semiconductor located in Heungdeok-gu, Korea using 0.30um technology. Any packages that have Pericom logo top marking will be changed to Diodes logo during the porting.

Full electrical characterization and high reliability testing has been completed on representative part numbers. There is no change to device functionality or electrical specifications in the datasheet. Refer to the attached qualification / reliability report (embedded in this file).

Old Top Marking



B: Fab 2 port code
 W: Die Rev
 YY: Year
 WW: Workweek
 X: Assembly Code
 X: Fab Code
 Bar above fab code denotes Cu wire

New Top Marking



YY: Year
 WW: Workweek
 1st X: Assembly Code
 2nd X: Fab Code
 Bar above fab code denotes Cu wire

Rev 3: Removed devices from Table 1 (strike through text) as these part numbers will either be EOLed in upcoming PCN or will have a new PCN due to additional changes for A/T Site and BOM.

IMPACT

Continuity of Supply. No impact to fit and function.

PRODUCTS AFFECTED



See Table 1 below for affected products that will be ported from Global Foundries in Woodlands, Singapore to Magnachip Semiconductor in Heungdeok-gu, Korea

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 – Affected Part List

PI49FCT20802QE	PI49FCT20802LEX	PI49FCT3807BQE-2017
PI49FCT20802QEX	PI49FCT20807QE	PI49FCT3807BQEX-2017
PI49FCT32802QE	PI49FCT20807QEX	PI49FCT3807CHE
PI49FCT32802QEX	PI49FCT32802LE	PI49FCT3807CQE
PI49FCT32803QE	PI49FCT32802LEX	PI49FCT3807CQEX
PI49FCT32803QEX	PI49FCT32802QE-2017	PI49FCT3807CSEX
PI49FCT3805CHE	PI49FCT32802QEX-2017	PI49FCT3807DHE
PI49FCT3805CHEX	PI49FCT32803LEX	PI49FCT3807DQE-2017
PI49FCT3805DHEX	PI49FCT32805QE	PI49FCT3807DQEX-2017
PI49FCT3805DQE	PI49FCT32805QEX	PI49FCT3807DSEX
PI49FCT3805DQEX	PI49FCT32807QE	PI49FCT3807QE
PI49FCT38072BHE	PI49FCT32807QEX	PI49FCT3807QEX
PI49FCT38072BHEX	PI49FCT3803LEX	PI6CV2304LE-2017
PI49FCT38072CQE	PI49FCT3805AQE	PI6CV2304LEX-2017
PI49FCT38072CQEX	PI49FCT3805AQEX	PI6CV2304WE
PI49FCT3807BQE	PI49FCT3805BQE	PI6CV2304WEX
PI49FCT3807BQE+AM	PI49FCT3805BQEX	PI6CV304LE-2017
PI49FCT3807BQE+AMX	PI49FCT3805CQE	PI6CV304LEX-2017
PI49FCT3807BQEX	PI49FCT3805CQEX	PI6CV304WE
PI49FCT3807DHEX	PI49FCT3805DQE-2017	PI6CV304WEX
PI49FCT3807DQE	PI49FCT3805DQEX-2017	
PI49FCT3807DQEX	PI49FCT3805QE	
PI6CV2304LE	PI49FCT3805QEX	
PI6CV2304LEX	PI49FCT38072CQE-2017	
PI6CV304LEX	PI49FCT38072CQEX-2017	