

TITLE: Product/Process Change Notice -Add Jireh Semiconductor Incorporated as an additional wafer supplier for certain MOSFET products (phase VII)

RELEASE DATE: 2014-05-29

OWNER DEPARTMENT: Product & Test

REVISION HISTORY

(The original approval sheet is kept in DCC)

REVISION	RELEASE DATE	AUTHOR	DESCRIPTION OF CHANGES
A	2014-05-29	Weiwei Liu	original

PROCESS CHANGE NOTIFICATION

Add Jireh Semiconductor Incorporated as an additional wafer supplier for certain MOSFET products (phase VII)	PCN #	CN-00328A
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Dear Valued Customer,

This Product Change Notification (PCN) contains advance information about changes we are planning to make to products that you have purchased within the last two years.

We are going to add Jireh Semiconductor Incorporated (wholly-owned subsidiary of AOS, 3131 NE Brookwood Parkway, Hillsboro, OR 97124), as the wafer manufacturing location of certain MOSFET products. The involved part numbers are listed in the appendix. There is no change in die sizes or datasheet specifications.

Please acknowledge receipt of this PCN within 30 days by signing in at <http://www.aosmd.com/quality/pcn> or sending the enclosed Acknowledgement Form to your local AOS Sales Representative.

Lack of acknowledgement of the PCN within 30 days constitutes acceptance of the change.

If you have any questions regarding this change notice, please contact your local AOS Sales Representative.
<http://www.aosmd.com/contact>

Sincerely,

Yueh Se Ho
Chief Operating Officer
Alpha and Omega Semiconductor

Process Change Notification

PRODUCT CATEGORY MOSFET	PRODUCT(S) AFFECTED Please refer to the affected part list in appendix.															
TYPE OF CHANGE Wafer manufacturing location change																
DESCRIPTION OF CHANGE Add Jireh Semiconductor Incorporated (also known as Jfab) as one of the wafer manufacturing locations of MOSFET products listed in appendix.																
REASON FOR CHANGE To increase the manufacturing capacity.																
SAMPLE AVAILABILITY Please refer to appendix (To obtain samples or production devices, please contact your AOS Sales Representative).	FIRST SHIP DATE Estimate shipping date is Aug. 10 th , 2014, or earlier upon customer approval															
METHOD OF IDENTIFICATION Fab location code "G" will be printed in the packing labels and product marking. For details, please contact your local AOS sales representatives.																
IMPACT OF CHANGE Form: None Fit: None Function: None Reliability: None Environment: None																
QUALIFICATION / RELIABILITY DATA: The qualification test consists of following: a) Reliability test																
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="4">Reliability test</th> </tr> <tr> <th colspan="2">Test Item</th> <th>Test Condition</th> <th>Sample Size</th> </tr> </thead> <tbody> <tr> <td rowspan="2" style="text-align: center;">Reliability Test</td> <td style="text-align: center;">HTGB</td> <td style="text-align: center;">1000hrs T=150°C, Vgs=100%Vgsmax</td> <td style="text-align: center;">77x3</td> </tr> <tr> <td style="text-align: center;">HTRB</td> <td style="text-align: center;">1000hrs T=150°C, Vds=80%Vdsmax</td> <td style="text-align: center;">77x3</td> </tr> </tbody> </table>		Reliability test				Test Item		Test Condition	Sample Size	Reliability Test	HTGB	1000hrs T=150°C, Vgs=100%Vgsmax	77x3	HTRB	1000hrs T=150°C, Vds=80%Vdsmax	77x3
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b) Parametric benchmark report Please contact your local AOS Sales Representative if you request the qualification data.																
PCN RESPONSE: Please acknowledge receipt of this PCN within 30 days of delivery Lack of acknowledgement of the PCN within 30 days constitutes acceptance of the change.	AOS CONTACTS: Please contact your local AOS Sales Representative http://www.aosmd.com/contact															

QRU-00022-02(d)

Acknowledgement of Process Change Notification

(Filled by the customer)

Confirming the Receipt of the PCN

PCN #:

Receiving date (YY/MM/DD):

Receiver:

Department / Title of the receiver:

Signature / Stamp:

Customer Request

Sample request

Quantity:

Requirement of qualification data:

Approval of the Change

Approve

Disapprove

Reason of disapproval:

Approver:

Department / Title of the approver:

Signature / stamp:

QRU-00022-02(d)

Appendix: Affected Product List

Part number	Estimated sample available date	Estimated completion date of qualification	Remark
AOB270L	Available	Completed	
AOT270L	Available	Completed	