

TITLE: Product/Process Change Notice - To add Cu wire bonding for all IPM5 AIM series products

RELEASE DATE: 2021-04-08

OWNER DEPARTMENT: Power IC - CHN

REVISION HISTORY

(The original approval sheet is kept in DCC)

REVISION	RELEASE DATE	AUTHOR	DESCRIPTION OF CHANGES
A	2021-04-08	Jun Chen	original

PROCESS CHANGE NOTIFICATION

**To add Cu wire bonding for all IPM5
AIM series products**

PCN #

CN-00448A

Dear Valued Customer,

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

Alpha and Omega Semiconductor (AOS) is to standardize the assembly process to expand the wire bonding process capacity for all IPM5 AIM series products. The form, fit, function, quality and reliability of our products will not be affected in any way with this change.

Please acknowledge receipt of this PCN as well as requests 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,

CK OH

Vice President of Quality

Alpha and Omega Semiconductor

Process Change Notification

PRODUCT CATEGORY Module	PRODUCT(S) AFFECTED Please refer to the affected part list at the end of this PCN. * This PCN extends to all new related products that may be released after this PCN.
TYPE OF CHANGE BOM change	
DESCRIPTION OF CHANGE To add Cu wire bonding process.	
REASON FOR CHANGE To standardize the assembly process to expand wire bonding process capacity.	
SAMPLE AVAILABILITY See appendix (To obtain samples or production devices, please contact your AOS Sales Representative).	FIRST SHIP DATE Estimated to be from Sep. 1st, 2021, or earlier upon customer approval.
METHOD OF IDENTIFICATION 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 Cu wire qualification is on-going. The target completion date of the qualification is listed in appendix.	
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/

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
AIM5C05B060N1	Contact Sales	2021/6/8	
AIM5C05B060N1S	Contact Sales	2021/6/8	
AIM5C05B060NH	Contact Sales	2021/6/8	
AIM5D05B060M1S	Contact Sales	2021/6/8	
AIM5D05B060M1S_SAM	Contact Sales	2021/6/8	
AIM5D05B060N1	Contact Sales	2021/6/8	
AIM5D05K060M2S	Contact Sales	2021/6/8	
AIM5D05K060M2S_SAM	Contact Sales	2021/6/8	
AIM5D05L060Q4	Contact Sales	2021/6/8	
AIM5D05L060Q4S	Contact Sales	2021/6/8	
AIM5D10B060M1	Contact Sales	2021/6/8	
AIM5D10B060M1S	Contact Sales	2021/6/8	
AIM5D10B060M1S_2	Contact Sales	2021/6/8	
AIM5D10L060Q4	Contact Sales	2021/6/8	
AIM5D10L060Q4S	Contact Sales	2021/6/8	