

1. Information Note Basic Data	
1.1 Company	 Allegro MicroSystems 955 Perimeter Rd, Manchester, New Hampshire 03103 U.S.A.
1.2 Information Note No.	20230815MAMCWBC_IN
1.3 Title of IN	MA and MC Package Process Change
1.4 Customer	
1.5 Issue Date	15-Aug-23

2. Contact		
2.1 Contact Supplier		
2.1.1 Name	Heather Brogna	
2.1.2 Phone	+1 (603) 6262655	
2.1.3 Email	hbrogna@allegromicro.com	
2.2 Team Supplier (optional)		
2.2.1 Name (optional)	2.2.2 Phone (optional)	2.2.3 Email (optional)

3. Description		
	Current	New
Description #1	Dispensed epoxy die attach	2-mil thick Wafer Backside Coating (WBC)
Description #2		
Description #3		
Description #4		
Description #5		
Description #6		
Description #7		
Description #8		
Description #9		
Description #10		

4. Reason / Motivation	
4.1 Motivation	To improve the production yield, the dispensed die-attach material will be replaced with 1 layer of Wafer Backside Coating (WBC) but 2 mils thick, which is known to be void free. Please find the attached presentation for details.
4.2 Additional Explanation (optional)	

5. Marking of Parts / Traceability	
5.1 Description	There will be no change in Marking on Parts, or Part Numbers. The change can be traced by the lot number.

6. Timing / Schedule		
6.1 Intended Start of Delivery	31-Mar-2024	Delivery will be expected between 31-Mar-2024 and 30-Sep-2024

7. Attachments (e.g. additional documentation, pictures, part list....)	
	

8. Affected Parts									
8.1 Current						8.2 New (if applicable)			
8.1.1 Customer Part No.	8.1.2 Supplier Catalog Part No.	8.1.3 Supplier Internal Part No. (optional)	8.1.4 Package Name	8.1.5 Part Description (optional)	8.1.6 Additional Part Information (optional)	8.2.2 Supplier Catalog Part No.	8.1.3 Supplier Internal Part No. (optional)	8.2.4 Package Name	8.2.6 Additional Part Information (optional)

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ACS37002KMABTR-050B3	ACS37002KMABTR-050B3		MA-16						
ACS37002KMABTR-050B5	ACS37002KMABTR-050B5		MA-16						
ACS37002LMABTR-050B3	ACS37002LMABTR-050B3		MA-16						
ACS37002LMABTR-050B5	ACS37002LMABTR-050B5		MA-16						
ACS37002LMABTR-050B5-M	ACS37002LMABTR-050B5-M		MA-16						
ACS37002LMABTR-050U3	ACS37002LMABTR-050U3		MA-16						
ACS37002LMABTR-050U5	ACS37002LMABTR-050U5		MA-16						
ACS37002LMABTR-066B5	ACS37002LMABTR-066B5		MA-16						
ACS37002LMABTR-066U3	ACS37002LMABTR-066U3		MA-16						
ACS37002LMABTR-066U5	ACS37002LMABTR-066U5		MA-16						
ACS37002LMCATR-050B3	ACS37002LMCATR-050B3		MC-16						
ACS37002LMCATR-050B5	ACS37002LMCATR-050B5		MC-16						
ACS37002LMCATR-050U5	ACS37002LMCATR-050U5		MC-16						
ACS37002LMCATR-066B5	ACS37002LMCATR-066B5		MC-16						
ACS37002LMCATR-090B5	ACS37002LMCATR-090B5		MC-16						
ACS37003KMCATR-050B5	ACS37003KMCATR-050B5		MC-16						
ACS37003KMCATR-085B5	ACS37003KMCATR-085B5		MC-16						
ACS37003KMCATR-120B3	ACS37003KMCATR-120B3		MC-16						
ACS37003KMCATR-180B5	ACS37003KMCATR-180B5		MC-16						
ACS37702KMABTR-050B5	ACS37702KMABTR-050B5		MA-16						
ACS37800KMACTR-015B3-I2C	ACS37800KMACTR-015B3-I2C		MA-16						
ACS37800KMACTR-015B5-SPI	ACS37800KMACTR-015B5-SPI		MA-16						
ACS37800KMACTR-030B3-SPI	ACS37800KMACTR-030B3-SPI		MA-16						
ACS37800KMACTR-090B3-I2C	ACS37800KMACTR-090B3-I2C		MA-16						
ACS71002KMACTR-050B5	ACS71002KMACTR-050B5		MA-16						
ACS37002LMABTR-066B3	ACS37002LMABTR-066B3		MA-16						
ACS71020KMABTR-015B5-SPI	ACS71020KMABTR-015B5-SPI		MA-16						
ACS71020KMABTR-030B3-I2C	ACS71020KMABTR-030B3-I2C		MA-16						
ACS71020KMABTR-030B3-SPI	ACS71020KMABTR-030B3-SPI		MA-16						
ACS71020KMABTR-090B3-I2C	ACS71020KMABTR-090B3-I2C		MA-16						
ACS37800KMACTR-030B3-I2C	ACS37800KMACTR-030B3-I2C		MA-16						
ACS717KMATR-10B-T	ACS717KMATR-10B-T		MA-16						
ACS717KMATR-20B-T	ACS717KMATR-20B-T		MA-16						
ACS718KMATR-10B-T	ACS718KMATR-10B-T		MA-16						
ACS718KMATR-20B-T	ACS718KMATR-20B-T		MA-16						
ACS722KMATR-10AB-T	ACS722KMATR-10AB-T		MA-16						
ACS722KMATR-20AB-T	ACS722KMATR-20AB-T		MA-16						
ACS722KMATR-40AB-T	ACS722KMATR-40AB-T		MA-16						
ACS723KMATR-10AB-T	ACS723KMATR-10AB-T		MA-16						
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ACS724KMATR-12AB-T	ACS724KMATR-12AB-T		MA-16						
ACS724KMATR-20AB-T	ACS724KMATR-20AB-T		MA-16						
ACS724KMATR-30AB-T	ACS724KMATR-30AB-T		MA-16						
ACS724KMATR-30AU-T	ACS724KMATR-30AU-T		MA-16						
ACS724KMATR-50AB-T	ACS724KMATR-50AB-T		MA-16						
ACS724KMATR-65AB-T	ACS724KMATR-65AB-T		MA-16						
ACS724LMATR-100AB-T	ACS724LMATR-100AB-T		MA-16						
ACS724LMATR-20AB-T	ACS724LMATR-20AB-T		MA-16						
ACS724LMATR-30AB-T	ACS724LMATR-30AB-T		MA-16						
ACS724LMATR-30AU-T	ACS724LMATR-30AU-T		MA-16						
ACS724LMATR-50AB-T	ACS724LMATR-50AB-T		MA-16						
ACS724LMATR-50AU-T	ACS724LMATR-50AU-T		MA-16						
ACS724LMATR-65AB-T	ACS724LMATR-65AB-T		MA-16						
ACS724LMCTR-20AB-T	ACS724LMCTR-20AB-T		MC-16						
ACS724LMCTR-30AB-T	ACS724LMCTR-30AB-T		MC-16						
ACS724LMCTR-65AB-T	ACS724LMCTR-65AB-T		MC-16						
ACS725KMATR-20AB-T	ACS725KMATR-20AB-T		MA-16						
ACS725KMATR-30AB-T	ACS725KMATR-30AB-T		MA-16						
ACS725KMATR-30AU-T	ACS725KMATR-30AU-T		MA-16						
ACS725LMATR-20AB-T	ACS725LMATR-20AB-T		MA-16						
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ACS725LMATR-30AU-T	ACS725LMATR-30AU-T		MA-16						
ACS725LMATR-40AB-T	ACS725LMATR-40AB-T		MA-16						
ACS725LMATR-50AB-T	ACS725LMATR-50AB-T		MA-16						
ACS725LMCTR-20AB-T	ACS725LMCTR-20AB-T		MC-16						
ACS732KMATR-65AB-T	ACS732KMATR-65AB-T		MA-16						
ACS732KMATR-75AB-T	ACS732KMATR-75AB-T		MA-16						
ACS733KMATR-65AB-T	ACS733KMATR-65AB-T		MA-16						

Form adopted from ZVEI Revision 5.0

Please note: It is our intention to inform our customer of changes as early as possible. Under Allegro's procedure for product/process change notification, Allegro strives, based on its technical judgment, to provide notification of significant changes that may affect form, fit, function, reliability/durability and processability/manufacturability. However, as Allegro cannot ensure evaluation of product/process changes for each and every application, the customer retains responsibility to validate the impact of a change on its application suitability. If samples are needed for validation of a change, requests may be made via the contact information provided herein. Please contact your Account Manager or Local Sales Representative for any questions.