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.	20230320MCWBC_IN					
1.3 Title of IN	MC Package Process Change to WBC					
1.4 Customer DIGI-KEY						
1.5 Issue Date	20-Mar-24					
	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 2 layers of Wafer Back Coating (WBC) 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 on fuctionability and on dimentions. The following forms will be updated: PPAP, IMDS							
6. Timing / Schedule							

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6.1	Intended Start of Delivery

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

1-Jan-2025



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

		1. Inf	ormation Note Ba	sic Data					
1.1 Company			Allegro MicroSystems 955 Perimeter Rd, Manchester, New Hampshire 03103 U.S.A.						
L2 Information Note No.		20230320MCW	BC_IN						
1.3 Title of IN 1.4 Customer		MC Package Pr	ocess Change to	WBC					
		DIGI-KEY							
1.5 Issue Date			20-Mar-24						
ACS724LMCTR-20AB-T	ACS724LMCTR-20AB-T	379531TMC-MCA11019TR	MC-16						
ACS724LMCTR-65AB-T	ACS724LMCTR-65AB-T	379531TMC-MCA11020TR							
ACS724LMCTR-85AB-T	ACS724LMCTR-85AB-T ACS724LMCTR-30AB-T	379531TMC-MCA11020TR 379531TMC-MCA11021TR	MC-16 MC-16						
ACS724LINCTR-SOAB-T ACS37002LMCATR-050B5	ACS724LINCTR-SOAB-T ACS37002LMCATR-050B5	379571TMC-MCA11021TR 379571TMC-MCA11173TR	MC-16						
ACS37002LMCATR-050B3	ACS37002LMCATR-050B3	379571TMC-MCA11183TR	MC-16						
ACS37002LMCATR-050B3	ACS37002LMCATR-050B5	379571TMC-MCA11185TR 379571TMC-MCA11184TR							
ACS37002LMCATR-06085	ACS37002LMCATR-06085	379571TMC-MCA11184TR 379571TMC-MCA11185TR	MC-16 MC-16						
ACS37002LIVICATR-05005 ACS37002LIMCATR-090B5	ACS37002LIVICATR-05005 ACS37002LIMCATR-090B5	379571TMC-MCA11552TR	MC-16						
ACS37002LINCATR-090B5	ACS37002LINCATR-090B5 ACS37003KMCATR-180B5	379611TMC-MCA11473TR	MC-16						
ACS37003KMCATR-180B5	ACS37003KMCATR-180B5		MC-16 MC-16						
ACS37003KMCATR-050B5	ACS37003KMCATR-050B5	379611TMC-MCA11622TR 379611TMC-MCA11624TR	MC-16 MC-16						
ACS37003KMCATR-120B3 ACS37003KMCATR-085B5	ACS37003KMCATR-120B3 ACS37003KMCATR-085B5	379611TMC-MCA11624TR 379611TMC-MCA11625TR	MC-16 MC-16						
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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.