


1. Information Note Basic Data	
1.1 Company	 <div>Allegro Microsystems 955 Perimeter Rd, Manchester, New Hampshire 03103 U.S.A.</div>
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 Backside 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		
6.1 Intended Start of Delivery	1-Jan-2025	

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)

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.