



Standardized Information Note for Process/Product Change Notification (IN)

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.	08042020CZLH-1	
1.3 Title of IN	Transfer assembly of SOT-23W package (Allegro package code: LH) from subcontractor to Allegro MicroSystems Philippines, Inc. (AMPI) -Notification Only	
1.4 Customer	Digi-Key	
1.5 Issue Date	6-Aug-20	


2. Contact		
2.1 Contact Supplier		
2.1.1 Name	Kyoko Matsuda	
2.1.2 Phone	1-603-626-2309	
2.1.3 Email	kmatsuda@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	Die attach Material: QMI-519 (Conductive)	Die attache Material: 84-3J (Non-conductive)
Description #2	Wire bonding : 1.0 mil Gold	Wire bonding : 1.0 mil CE Gold
Description #3	Assembly site : Carsem Malaysia	Assembly site : AMPI
Description #4		

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Description #5		
Description #6		
Description #7		
Description #8		
Description #9		
Description #10		
4. Reason / Motivation		

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4.1 Motivation	In 2014 Allegro installed and qualified a new in-house LH assembly line at AMPI that replicated the assembly line we established three years earlier at our assembly partner Carsem Malaysia. Since 2014, Allegro's inhouse assembled LH products have been supporting the majority of the worldwide demand with nearly 1 billion units shipped. For product currently assembled at Carsem the backend flow is wafer test at AMPI, assembly at Carsem, then back to AMPI for final test and shipment. Allegro will streamline our supply chain for this package line and transfer all assembly AMPI. This change will help reduce cycle time and enable better control our production capability to meet customer demand.	
4.2 Additional Explanation (optional)	No change in form, fit, function, or reliability of the product(s) is expected, however validation of equivalence within a specific application is at the discretion of the customer.	

5. Marking of Parts / Traceability	
5.1 Description	No change in marking and traceability (lot number contains assembly location)

6. Timing / Schedule		
6.1 Intended Start of Delivery	4-Feb-2021	Subjected to the consumption of Carsem material


7. Attachments (e.g. additional documentation, pictures, part list....)
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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)
A1243LLH	A1243LLH		LH						
A1245LLH	A1245LLH		LH	PTN to follow					
A1260ELH	A1260ELH		LH						
A1260LLH	A1260LLH		LH						
A1262ELH	A1262ELH		LH						
A1262LLH	A1262LLH		LH						
APS12625LLHA	APS12625LLHA		LH						


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APS12626LLHA	APS12626LLHA		LH						
A1266ELH	A1266ELH		LH						
A3211ELH	A3211ELH		LH						
A3212ELH	A3212ELH		LH						
A3212LLH	A3212LLH		LH						
Including all variations of the LH pacakge sales root and finishing suffix	Including all variations of the LH pacakge sales root and finishing suffix								

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Form adopted from ZVEI Revision 4.0

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.