	1. PCN Basic Data			
1.1 Company		955 Peri	Allegro MicroSystems meter Rd, Manchester, New Hampshire 0310	
1.2 PCN No.		PbFreeCS		
1.3 Title of PCN		Lead (Pb) Free Conversion -	Solder Bumps	
1.4 Customer		AVNET EUROPE		
1.5 Product Category	Active Components – Integrated Circuits		rcuits	
1.6 Issue Date 19-Jul-2021				
1.7 PCN Revision Histor	ry (optional)	1.8 Issue Date of Previous Revision (optional)	1.9 Delta to Previous Revision	
NA				

	2. PCN Team			
2.1 Contact Supplier				
2.1.1 Name	Heather Brogna			
2.1.2 Phone	603-626-2300			
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		

		3. Changes	
No.	3.0 Identification	3.1 Category	3.2 Туре с
#1	SEM-PA-06	PROCESS - ASSEMBLY	Bump Material / Metall Syste
#2	SEM-PA-14	PROCESS - ASSEMBLY	Change in process technology (e.g. sawing, die attach, bond and form, lead frame prepera
#3	SEM-PA-15	PROCESS - ASSEMBLY	Process integrity: tuning with
#4			
#5			
#6			
#7			

	1. PCN Basic Data		
1.1 Company	Allegro MicroSystems 955 Perimeter Rd, Manchester, New Hampshire 03		
1.2 PCN No.	PbFreeCS		
1.3 Title of PCN	Lead (Pb) Free Conversion - Solder Bumps		
#8			
#9			
#10			

	4. Description of Change		
	Current	Ne	
Change #1	Current parts utilize leaded (SnPb) solder bumps	New solder bumps wil be ma	
Change #2	Current parts do not include Epoxy Dotting	Epoxy dotting added to the a	
Change #3	Currently no Epoxy Dots	Adding Epoxy Dots to control improving the high voltage is	
Change #4			
Change #5			
Change #6			
Change #7			
Change #8			
Change #9			
Change #10			
4.6 Anticipated Impact on Form, Fit, Function, Reliability or Processability?	No anticipated impact to fit, form or function but datas device performance.	heet specification limits are ir	
4.7 Reference Parts with Customer Number (optional)			

	5. Reason / Motivation for Change
5.1 Motivation	The European Union (EU) has released Directive 2002/95/EC (RoHS) and requires parts with solder bumps to be lead (Pb) free (previously 7a exen
5.2 Additional Explanation (optional)	

6. M	arking of Parts / Traceability of Change
6.1 Description	Top brand moves from 711 to 711S to signify the SnAg version.

		1. PCN Basic Data	1	
1.1 Company		955 P	Allegro MicroSystems erimeter Rd, Manchester, New Hampshire 031	
1.2 PCN No.		PbFreeCS		
1.3 Title of PCN		Lead (Pb) Free Conversior	n - Solder Bumps	
		7. Timing / Schedu	le	
7.1 Date of Qualificati	ion Results			
7.2 Last Order Date (c	ptional)			
7.3 Last Delivery Date	e (optional)			
7.4 Intended Start of	Delivery	2021.11.01		
7.5. Qualification Sam	nlos Availabla?	Yes		
	Date Available Now		Now	
7.6 Customer Feedba	ck Required Until			
		8. Qualification / Valid	lation	

	o. Qualification / Valuation		
8.1 Description	Qual Data, Q-100		
(e.g. qual. plan/report, AEC-Q)			
8.2 Qualification Report and Qualification Results		Issue Date	

9. Input to Customer for Risk Assessment Process

Under Allegro's procedure for product/process change notification, Allegro strives, based on its technical judgment, to provide notification c may affect form, fit, function, reliability/durability and processability/manufacturability. However, as Allegro cannot ensure evaluation of pr each and every application; the customer retains responsibility to validate the impact of a change on its application suitability.

10. Attachments (e.g. new datasheet, additional documentation, pictures, process flow, sample plan, ...)

			1. PC	N Basic Data			
1.1 Company		GRO	Allegro MicroSystems 955 Perimeter Rd, Manchester, New Hampshire 031(
1.2 PCN No.			PbFreeCS				
1.3 Title of PCN			Lead (Pb) Free	e Conversion -	Solder Bumps		
			11. Af	fected Parts			
	11.	1 Current					11.2 New (if
11.1.1 Customer Part	11.1.2 Supplier Catalog	11.1.3	11.1.4	11.1.5	11.1.6	11.2.2	11.2.3
No. F	Part No.	Supplier	Package	Part	Additional	Supplier	Supplier
		Internal Part	Name	Description	Part	Catalog Part	Internal Part
		No.	1	(optional)	Information	No.	No.
		(optional)	ļ		(optional)		(optional)
ACS711KEXLT-15AB-T	ACS711KEXLT-15AB-T						
ACS711KEXLT-31AB-T	ACS711KEXLT-31AB-T			_	 	 	
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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 strives, based on its technical judgment, to provide notification of significant changes that may affect form, fit, function, reliability/durability processability/manufacturability. However, as Allegro cannot ensure evaluation of product/process changes for each and every application; responsibility to validate the impact of a change on its application suitability. If samples are needed for validation of a change, requests may information provided herein. Please contact your Account Manager or Local Sales Representative for any questions. We kindly request you meet our target date for implementation. Unless both parties agree to extend the implementation date, this change will be implemented as

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)3 U.S.A. w de from silver (SnAg) ssembly process bump height specs and olation performance ncreasing to reflect actual 2011/65/EU (RoHS II) which າpt).

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of significant changes that
roduct/process changes for

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applicable)	
11.2.4 Package Name	11.2.6 Additional Part Information (optional)
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e notification, Allegro and the customer retains be made via the contact consideration so we can scheduled.