1. PCN Basic Data					
1.1 Company	Allegro MicroSystems 955 Perimeter Rd, Manchester, New Hampshire 03103 U.S.A.				
1.2 PCN No.	1733Carsem				
1.3 Title of PCN	Specification Updates to the	Datasheet (Notification Only)			
1.4 Customer					
1.5 Product Category	Active Components – Integrated Circuits				
1.6 Issue Date	15-Jun-2020				
1.7 PCN Revision History (optional)	1.8 Issue Date of Previous Revision (optional) 1.9 Delta to Previous Revision (optional)				
NA					

2. PCN Team							
2.1 Contact Supplier							
2.1.1 Name	2.1.1 Name						
2.1.2 Phone							
2.1.3 Email							
2.2 Team Supplier (optional)							
2.2.1 Name (optional)	2.2.2 Phone (optional)	2.2.3 Email (optional)					

	3. Changes						
No.	3.0 Identification	5,					
#1	SEM-DS-01	DATA SHEET	Change of datasheet parameters/electrical specification (min./max./typ. values) and/or AC/DC specification				
#2	SEM-DS-03	DATA SHEET	Specification of additional parameters				
#3							
#4							
#5							
#6							
#7							

	1. PCN Basic Data					
1.1 Company		Allegro MicroSystems 955 Perimeter Rd, Manchester, New Hampshire 03103 U.S.A.				
1.2 PCN No.	-	1733Carsem				
1.3 Title of PC	N	Specification Updates to the Datasheet (Not	tification Only)			
#8						
#9						
#10						

4. Description of Change						
	Current	New				
Change #1	Please see existing datasheet for details	Please see attached PPT for complete details as changes vary by device gain.				
Change #2						
Change #3						
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 datash device performance.	neet specification limits are increasing to reflect actual				
4.7 Reference Parts with Customer Number (optional)						

5. Reason / Motivation for Change				
5.1 Motivation	Offset and sensitivity parameters have larger lifetime drift on some of the gain options in the datasheet. These were not reflected properly in the production release datasheet. Other specification items are also added or modified based on qualification and production data.			
5.2 Additional Explanation (optional)				

6. Marking of Parts / Traceability of Change			
6.1 Description	Part marking/brand will follow the same process from previous devices.		

1. PCN Basic Data						
1.1 Company	Allegro MicroSystems 955 Perimeter Rd, Manchester, New Hampshire 03103 U.S.A.					
1.2 PCN No.	1733Carsem					
1.3 Title of PCN	Specification Updates to the	Datasheet (Notification Only)				
	7. Timing / Schedule					
7.1 Date of Qualification Results No new qualification required - device is already qualified.		No new qualification required - device is already qualified.				
7.2 Last Order Date (optional)						
7.3 Last Delivery Date (optional)						
7.4 Intended Start of Delivery		Immediately				
7.5 Qualification Samples Available?						
7.5 Quantication samples Available:	Date Available	NA				
7.6 Customer Feedback Required Until		NA				

8. Qualification / Validation						
8.1 Description	2100					
(e.g. qual. plan/report, AEC-Q)						
8.2 Qualification Report and Qualification	available (see attachement)	Issue Date				
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 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.



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

				1. PCN Ba	asic Data					
1.1 Company		Allegro MicroSystems 955 Perimeter Rd, Manchester, New Hampshire 03103 U.S.A.								
1.2 PCN No.	-		1733Carsem							
1.3 Title of PC	N		Specification	Updates to the	Datasheet (No	otification Only	)			
https://allegromicr			· ·	11. Affect		-	•			
my.sharepoint.c om/personal/mo		11.1 Cu	irrent				11.2 New (i	f applicable)		
11.1.1 Customer	11.1.2 Supplier Catalog Part	11.1.3 Supplier	11.1.411.1.511.1.6PackagePartAdditional			11.2.2 Supplier	11.2.2   11.2.3   11.2.4   11.2     Supplier   Supplier   Package   Add			
Part No.	No.	Internal Part No. (optional)	Name	Description (optional)	Part Information (optional)	Catalog Part No.	Internal Part No. (optional)	Name	Part Information (optional)	
	ACS732KLATR- 40AB-T		LA							
	ACS733KLATR- 40AB-T		LA							
	ACS733KLATR- 40AU-T		LA							
	ACS733KLATR- 65AB-T		LA							
					1			opted from ZVEI Rev		

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. We kindly request your consideration so we can meet our target date for implementation. Unless both parties agree to extend the implementation date, this change will be implemented as scheduled.