



Standardized Information for Process/Product Change Notification (PCN)

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		
2.1.2 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	3.1 Category	3.2 Type of Change
#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			

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#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 datasheet specification limits are increasing to reflect actual device performance.	
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.







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