

## Product and Process Change Notice

CN No.	PCN03019	PCN Date	12/20/2019 E	ffective Date	3/19/2020			
itle	ChipMOS as a	oMOS as additional assembly site for the 1Mb and 256Kb x8 MRAM BGA package						
ype:	Major Change							
versp	pin is adding Ch	ipMOS as	a qualified assembly site	for the 1Mb	and 256Kb x8	MRAM BGA package.		
Reaso	on For Change							
		apacity a	nd improve supply flexibi	lity, Everspin	is adding Chipl	MOS as a qualified assembly site for		
	Mb and 256Kb x	8 MRAM	BGA package.					
Affect	ted Products							
Part N	Number		Description	Part Num	ber	Description		
	A08BMA35		Commercial Temp.	MR0A08B		Commercial Temp., T&R		
MR0A	A08BCMA35		Industrial Temp.	MR0A08B	CMA35R	Industrial Temp., T&R		
MROD	D08BMA45		Commercial Temp.	MR0D08B	MA45R	Commercial Temp., T&R		
MR0E	DL08BMA45	(	Commercial Temp.	MR0DL08	BMA45R	Commercial Temp., T&R		
MR25	56A08BMA35		Commercial Temp.	MR256A0	8BMA35R	Commercial Temp., T&R		
MR25	56A08BCMA35		Industrial Temp.	MR256A0	8BCMA35R	Industrial Temp., T&R		
MR25	56D08BMA45		Commercial Temp.	MR256D0	8BMA45R	Commercial Temp., T&R		
	56DL08BMA45		Commercial Temp.	MR256DL	08BMA45R	Commercial Temp., T&R		
-		Function,	Quality or Reliability					
No im	•							
Propo	osed First Ship D	Date for C	hange:					
March	h 20, 2020							
Key N	Aaterial Differe	nces						
	Site		ChipMOS		UDG	_		
	Mold Compound		Sumitomo EME-G760		o GE-100AT	_		
	BLT2 Die Attach BLT3 Die Attach		Nitto EM-710 (DAF) Henkel QMI550		Henkel QMI536NB Henkel QMI536NB			
	BLTS DIE Attach		Henkel Qivii550	пенк				
Drede	at Idoatifica							
	ict Identifier							
	nbly site code =		•					
	ier Qual Plan So							
Qualification is complete and all Everspin requirements met; a qualification report is available on request.								
Date (	Qualification Sa	amples Ar	e Available:					
Samples are generally available now but please request your specific part number to your Everspin Sales contact.								
	otance of Chang							
Evers	pin will consider	r this char	nge accepted unless spec	ific condition	s for acceptanc	e are provided in writing within 30		
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Contact Information		Sample Information Samples	s Available Now					
Product Marketing Everspin Technologies (480) 347-1111		Contact Everspin sales: <u>http://www.everspin.com/contact-us-everspin-technologies</u> If using the on-line sample request please refer to this PCN # to receive samples.						
Originator								
<u>Date</u> 12/18/2019	<u>Title</u> Senio	r Quality Engineer	Name Paul Drobny Paul Dright					
Approval and Release								
Date Title   12/18/2019 Direct		or of Quality	<u>Name</u> Khaldoun Barakat Mellan Ambet					
Date Title   12/18/2019 VP of		Operations	Norm Armour					
Date Title   12/18/2019 VP of		Sales & Marketing	Name Troy Winslow					