




Product and Process Change Notice

PCN No.	PCN03038	PCN Date	6/11/2021	Effective Date	9/9/2021
Title	Material Change for 16Mb (x8) TSOP-44p Package from OSE				

<p>Everspin is changing the die thickness from 3 mil to 4 mil for the 16Mb (x8) TSOP-44p Package from OSE. Additionally, the BLT1 and BLT3 material are changing from DAF to Epoxy, and the wire material is changing from 4N to 2N.</p>			
Reason For Change			
Improved assembly process margin. Improved manufacturing efficiency and capacity at assembly site.			
Affected Products			
Part Number	Description	Part Number	Description
MR4A08BYS35	Commercial Temp.	MR4A08BYS35R	Commercial Temp., T&R
MR4A08BCYS35	Industrial Temp.	MR4A08BCYS35R	Industrial Temp., T&R
MR4A08BUYS45	Automotive Temp.	MR4A08BUYS45R	Automotive Temp, T&R
Impact on Form, Fit, Function, Quality or Reliability			
No impact			
Proposed First Ship Date for Change:			
September 9, 2021			
Key Material Differences			
	Material	Old	New
	Die Thickness	3 mil	4 mil
	BLT1	Nitto EM-700J1-P-10 8" DAF	Sumitomo CRM-1150B
	BLT3	Nitto EM-700J1-P-10 8" DAF	Sumitomo CRM-1150B
	Wire	0.8 mil Au wire (4N)	0.8 mil Au wire (2N)
Product Identifier			
There will be no changes to part number. Everspin maintains traceability of product by trace code marked on the package.			
Supplier Qual Plan Schedule and Results			
The package material change qualification is complete and all Everspin requirements met; a qualification report is available on request.			
Date Qualification Samples Are Available:			
Samples are available now. Please request your specific part number to your Everspin Sales contact.			
Acceptance of Change			
Everspin will consider this change accepted unless specific conditions for acceptance are provided in writing within 30 days of receipt of this notice.			

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		Sample Information	<input checked="" type="checkbox"/> Samples Available Now
Product Marketing Everspin Technologies (480) 347-1111		Contact Everspin sales: http://www.everspin.com/contact-us-everspin-technologies If using the on-line sample request please refer to this PCN # to receive samples.	
Originator			
<u>Date</u> 6/11/2021	<u>Title</u> Senior Quality Engineer	<u>Name</u> Paul Drobny	
Approval and Release			
<u>Date</u> 6/11/2021	<u>Title</u> Senior Director of Fab Ops & Quality	<u>Name</u> Khaldoun Barakat	
<u>Date</u> 6/11/2021	<u>Title</u> Senior Director of Backend Operations	<u>Name</u> Amit Shah	
<u>Date</u> 6/11/2021	<u>Title</u> VP of Sales & Marketing	<u>Name</u> Troy Winslow	