




# Product and Process Change Notice

<b>PCN No.</b>	PCN03041	<b>PCN Date</b>	7/14/2021	<b>Effective Date</b>	10/12/2021
<b>Title</b>	SilTerra as additional CMOS wafer processing site for 16Mb x8/16 and 8Mb x16 BGA products.				

<p>Everspin is adding SilTerra as a 2<sup>nd</sup> qualified CMOS wafer processing site for 16Mb x8/16 and 8Mb x16 BGA products. No change to MRAM wafer processing.</p>			
<b>Reason For Change</b>			
In order to increase capacity and improve supply flexibility, Everspin is adding SilTerra as a CMOS wafer processing site for 16Mb x8/16 and 8Mb x16 BGA products.			
<b>Affected Products</b>			
<b>Part Number</b>	<b>Description</b>	<b>Part Number</b>	<b>Description</b>
MR4A16BMA35	Commercial Temp.	MR4A16BMA35R	Commercial Temp., T&R
MR4A16BCMA35	Industrial Temp.	MR4A16BCMA35R	Industrial Temp., T&R
MR4A08BMA35	Commercial Temp.	MR4A08BMA35R	Commercial Temp., T&R
MR4A08BCMA35	Industrial Temp.	MR4A08BCMA35R	Industrial Temp., T&R
MR3A16AMA35	Commercial Temp.	MR3A16AMA35R	Commercial Temp., T&R
MR3A16ACMA35	Industrial Temp.	MR3A16ACMA35R	Industrial Temp., T&R
<b>Impact on Form, Fit, Function, Quality or Reliability</b>			
No impact			
<b>Proposed First Ship Date for Change:</b>			
October 12, 2021			
<b>Key Material Differences</b>			
	Site	Old	New
	CMOS FAB	TSMC FAB11	TSMC FAB11 or SilTerra
	MRAM FAB	Everspin Chandler	Everspin Chandler
<b>Product Identifier</b>			
There will be no changes to part number. Everspin maintains traceability of product by trace code marked on the package.			
<b>Supplier Qual Plan Schedule and Results</b>			
SilTerra process qualification is complete and all Everspin requirements met; a qualification report is available on request.			
<b>Date Qualification Samples Are Available:</b>			
Samples are generally available now but please request your specific part number to your Everspin Sales contact.			
<b>Acceptance of Change</b>			
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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<b>Contact Information</b>		<b>Sample Information</b> <input checked="" type="checkbox"/> <b>Samples Available Now</b>
Product Marketing Everspin Technologies (480) 347-1111		Contact Everspin sales: <a href="http://www.everspin.com/contact-us-everspin-technologies">http://www.everspin.com/contact-us-everspin-technologies</a> If using the on-line sample request, please refer to this PCN # to receive samples.
<b>Originator</b>		
<u>Date</u> 7/6/2021	<u>Title</u> Senior Quality Engineer	<u>Name</u> Paul Drobny 
<b>Approval and Release</b>		
<u>Date</u> 7/6/2021	<u>Title</u> Senior Director of Fab Ops & Quality	<u>Name</u> Khalidoun Barakat 
<u>Date</u> 7/6/2021	<u>Title</u> Senior Director of Operations	<u>Name</u> Amit Shah 
<u>Date</u> 7/6/2021	<u>Title</u> VP of Sales & Marketing	<u>Name</u> Troy Winslow 