

Product and Process Change Notice




PCN No.	PCN03049	PCN Date	7/13/2022	Effective Date	7/13/2022
Title	SilTerra as additional CMOS wafer processing site for 16Mb x8/16 and 8Mb x16 TSOP44 and TSOP54 products.				

<p>Everspin is adding SilTerra as a 2nd qualified CMOS wafer processing site for 16Mb x8/16 and 8Mb x16 TSOP44 and TSOP54 products. No change to MRAM wafer processing.</p>			
Reason For Change			
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 TSOP44 and TSOP54 products.			
Affected Products			
Part Number	Description	Part Number	Description
MR3A16AYS35	Commercial Temp.	MR3A16AYS35R	Commercial Temp. T&R
MR3A16ACYS35	Industrial Temp.	MR3A16ACYS35R	Industrial Temp. T&R
MR3A16AUYS45	Auto Temp.	MR3A16AUYS45R	Auto Temp. T&R
MR4A16BYS35	Commercial Temp.	MR4A16BYS35R	Commercial Temp. T&R
MR4A16BCYS35	Industrial Temp.	MR4A16BCYS35R	Industrial Temp. T&R
MR4A16BUYS45	Auto Temp.	MR4A16BUYS45R	Auto Temp. T&R
MR4A08BYS35	Commercial Temp.	MR4A08BYS35R	Commercial Temp. T&R
MR4A08BCYS35	Industrial Temp.	MR4A08BCYS35R	Industrial Temp. T&R
MR4A08BUYS45	Auto Temp.	MR4A08BUYS45R	Auto Temp. T&R
Impact on Form, Fit, Function, Quality or Reliability			
No impact			
Proposed First Ship Date for Change:			
June 1, 2022			
Key Material Differences			
	Site	Old	New
	CMOS FAB	TSMC FAB11	TSMC FAB11 or SilTerra
	MRAM FAB	Everspin Chandler	Everspin Chandler
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			
SilTerra process qualification is complete and all Everspin requirements met; a qualification report is available on request.			
Date Qualification Samples Are Available:			
Samples are generally available now but please request your specific part number to your Everspin Sales contact.			

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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.

Contact Information	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> 7/13/2022	<u>Title</u> Senior Quality Engineer	<u>Name</u> Bonnie S. Paro 
Approval and Release		
<u>Date</u> 7/13/2022	<u>Title</u> VP of Fab Ops & Quality	<u>Name</u> Khalidoun Barakat 
<u>Date</u> 7/13/2022	<u>Title</u> VP of Backend Operations	<u>Name</u> Amit Shah 
<u>Date</u> 7/13/2022	<u>Title</u> VP Sales & Business Development	<u>Name</u> David Schrenk 