

Product and Process Change Notice

PCN No.	PCN02967	PCN Date	2/9/2017	Effective Date	5/9/2017
Title	Notice of Upgrade of Moisture Sensitivity Level of 16Mb MRAM in BGA package to MSL-3				

Type: Minor Change

The 16Mb MRAM in the 48-BGA is being upgraded from MSL-5 to MSL-3.

Reason For Change

To provide customers with additional margin for moisture level.

Affected Products

Part Number	Description	Part Number	Description
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

Impact on Form, Fit, Function, Quality or Reliability

More robust moisture sensitivity performance in manufacturing

Proposed First Ship Date for Change:

May 8, 2017

Key Material Differences

There are no changes in the Bill of Materials for the respective products in this PCN.

Product Identifier

Assembly site code = G for UTAC Dongguan

Supplier Qual Plan Schedule and Results

MSL-3 testing is complete and a qualification report is available on request.

Date Qualification Samples Are Available:

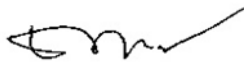
Samples are available now; please request your specific part number to your Everspin Sales contact.

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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Contact Information	Sample Information	☒ Samples Available Now
Joe O'Hare Director, Product Marketing Everspin Technologies joe.ohare@everspin.com (512) 410-3651 x224	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.	
Approval and Release		
<u>Date</u>	<u>Title</u>	<u>Name</u>
2/08/2017	Director of Quality	Mehar Mahal 
2/8/2017	VP of Sales	Scott Sewell 
2/8/2017	VP of Business Development and Operations	Angelo Ugge 