

# Product and Process Change Notice

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

## 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:

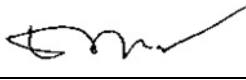
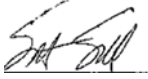
Samples are available now; please request your specific part number to your Everspin Sales contact.

## 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	<input checked="" type="checkbox"/> Samples Available Now
Joe O'Hare Director, Product Marketing Everspin Technologies <a href="mailto:joe.ohare@everspin.com">joe.ohare@everspin.com</a> (512) 410-3651 x224		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.	
Approval and Release			
<i>Date</i>	<i>Title</i>	<i>Name</i>	
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 