

Product and Process Change Notice

PCN No.	PCN03000	PCN Date	12/14/2018	Effective Date	3/14/2019
Title	Die Attach Material Change for 1Mb (x16) and 4Mb (x8 and x16) TSOP-44p Package from OSE				

Type: Major Change

Everspin is changing the die attach material for 1Mb (x16) and 4Mb (x8 and x16) TSOP-44p Package from OSE.

Reason For Change

Improved manufacturing efficiency at assembly site.

Affected Products

Part Number	Description	Part Number	Description
MR2A16AYS35	Commercial Temp.	MR2A16AYS35R	Commercial Temp., T&R
MR2A16ACYS35	Industrial Temp.	MR2A16ACYS35R	Industrial Temp., T&R
MR2A16AVYS35	Extended Temp.	MR2A16AVYS35R	Extended Temp., T&R
MR2A16AMYS35	Automotive Grade 1	MR2A16AMYS35R	Automotive Grade 1, T&R
MR2A08AYS35	Commercial Temp.	MR2A08AYS35R	Commercial Temp., T&R
MR2A08ACYS35	Industrial Temp.	MR2A08ACYS35R	Industrial Temp., T&R
MR2A08AMYS35	Automotive Grade 1	MR2A08AMYS35R	Automotive Grade 1, T&R
MR0A16AYS35	Commercial Temp.	MR0A16AYS35R	Commercial Temp., T&R
MR0A16ACYS35	Industrial Temp.	MR0A16ACYS35R	Industrial Temp., T&R
MR0A16AVYS35	Extended Temp.	MR0A16AVYS35R	Extended Temp., T&R
MR0A16AMYS35	Automotive Grade 1	MR0A16AMYS35R	Automotive Grade 1, T&R

Impact on Form, Fit, Function, Quality or Reliability

No impact

Proposed First Ship Date for Change:

March 14, 2019

Key Material Differences

Material	Old	New
BLT1 Die Attach	Nitto EM-700 DAF	Sumitomo CRM-1050B
BLT2 Die Attach	Nitto EM-700 DAF	Nitto EM-700 DAF
BLT3 Attach	Nitto EM-700 DAF	Sumitomo CRM-1050B

Product Identifier

Assembly site code = S for OSE Taiwan

Supplier Qual Plan Schedule and Results

Die attach material change 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> 12/14/2018	<u>Title</u> Senior Quality Engineer	<u>Name</u> Paul Drobny 
Approval and Release		
<u>Date</u> 12/14/2018	<u>Title</u> Director of Quality	<u>Name</u> Zuhair Gafur 
<u>Date</u> 12/14/2018	<u>Title</u> VP of Marketing	<u>Name</u> Rizwan Ahmed 
<u>Date</u> 12/14/2018	<u>Title</u> VP of Operations	<u>Name</u> Norm Armour 
<u>Date</u> 12/14/2018	<u>Title</u> President and CEO	<u>Name</u> Kevin Conley 