

# Product and Process Change Notice

<b>PCN No.</b>	PCN03031	<b>PCN Date</b>	4/13/2021	<b>Effective Date</b>	7/12/2021
<b>Title</b>	Die Thickness Change for 1Mb (x16), 2Mb (x16) and 4Mb (x8 and x16) TSOP-44p Package from OSE				

Everspin is increasing the die thickness from 3 mil to 4 mil for 1Mb (x16) and 4Mb (x8 and x16) TSOP-44p Package from OSE.

### Reason For Change

Improved assembly process margin.

### 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
MR1A16AYS35	Commercial Temp.	MR1A16AYS35R	Commercial Temp., T&R
MR1A16ACYS35	Industrial Temp.	MR1A16ACYS35R	Industrial Temp., T&R
MR1A16AVYS35	Extended Temp.	MR1A16AVYS35R	Extended Temp., T&R
MR1A16AMYS35	Automotive Grade 1	MR1A16AMYS35R	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:

July 12, 2021

### Key Material Differences

Material	Old	New
Die Thickness	3 mil	4 mil

### Product Identifier

Assembly site code = S for OSE Taiwan

### Supplier Qual Plan Schedule and Results

Die thickness 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.

# Product and Process Change Notice

<b>PCN No.</b>	PCN03031	<b>PCN Date</b>	4/13/2021	<b>Effective Date</b>	7/12/2021
<b>Title</b>	Die Thickness Change for 1Mb (x16), 2Mb (x16) and 4Mb (x8 and x16) TSOP-44p Package from OSE				

### 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: <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.	
Originator			
<u>Date</u> 4/13/2021	<u>Title</u> Senior Quality Engineer	<u>Name</u> Paul Drobny 	
Approval and Release			
<u>Date</u> 4/13/2021	<u>Title</u> Director of Fab Ops & Quality	<u>Name</u> Khaldoun Barakat 	
<u>Date</u> 4/13/2021	<u>Title</u> VP of Operations	<u>Name</u> Norm Armour 	
<u>Date</u> 4/13/2021	<u>Title</u> VP of Sales & Marketing	<u>Name</u> Troy Winslow 