

# Product and Process Change Notice

<b>PCN No.</b>	PCN03077	<b>PCN Date</b>	4/11/2024	<b>Effective Date</b>	4/8/2024
<b>Title</b>	<b>Qualification for 1Mb,2Mb, 4Mb and 16Mb 44-TSOP2</b>				

## Type: Major

Adding 2<sup>nd</sup> assembly qual site ChipMOS.

## Reason For Change

Qualification of 2<sup>nd</sup> assembly site.

## Affected Products

Part Number	Description	Part Number	Description
MR4A08BYS35	Commercial	MR4A08BYS35R	T&R
MR4A08BCYS35	Industrial	MR4A08BCYS35R	T&R
MR4A08BUY45	Auto Temp	MR4A08BUY45R	T&R
MR2A16AYS35	Commercial	MR2A16AYS35R	T&R
MR2A16ACYS35	Industrial	MR2A16ACYS35R	T&R
MR2A16AVYS35	Extended	MR2A16AVYS35R	T&R
MR2A16AMYS35	AEC-Q100 Grade 1	MR2A16AMYS35R	T&R
MR1A16AYS35	Commercial	MR1A16AYS35R	T&R
MR1A16ACYS35	Industrial	MR1A16ACYS35R	T&R
MR1A16AVYS35	Extended	MR1A16AVYS35R	T&R
MR1A16AMYS35	AEC-Q100 Grade 1	MR1A16AMYS35R	T&R
MR0A16AYS35	Commercial	MR0A16AYS35R	T&R
MR0A16ACYS35	Industrial	MR0A16ACYS35R	T&R
MR0A16AVYS35	Extended	MR0A16AVYS35R	T&R
MR0A16AMYS35	AEC-Q100 Grade 1	MR0A16AMYS35R	T&R
MR2A08AYS35	Commercial	MR2A08AYS35R	T&R
MR2A08ACYS35	Industrial	MR2A08ACYS35R	T&R
MR2A08AVYS35	Extended	MR2A08AVYS35R	T&R
MR2A08AMYS35	AEC-Q100 Grade 1	MR2A08AMYS35R	T&R

## Impact on Form, Fit, Function, Quality or Reliability

No Impact

## Proposed First Ship Date for Change:

May 11th, 2024

## Key Material Differences

Item	Current (OSE)	Proposed (CHM)
Die thickness	4mil	4mil
BLT1 BLT2 BLT3	CRM-1150B (epoxy), EM-700J1 (DAF), CRM-1150B (epoxy)	8143-Yizbond, EM760 Nitto, QMI550 Henkel

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Wire	LT 0.8 MIL AU WIRE (2N) / HS-U	0.8mil Au 2N Nippon
Mold compound	Sumitomo G631LT	9240HF Hitachi

<b>Product Identifier</b>		
Assembly site code = H for ChipMOS Taiwan		
<b>Supplier Qual Plan Schedule and Results</b>		
ChipMOS assembly qualification is complete and all Everspin requirements met; a qualification report is available on request. QUA03076 QR		
<b>Date Qualification Samples Are Available:</b>		
Samples are generally available now but please request your specific part number to your Everspin Sales contact.		
<b>Acceptance of Change (Customer)</b>		
Everspin will consider this change accepted unless specific conditions for acceptance are provided in writing within 30 days of receipt of this notice.		
<b>Contact Information</b>	<b>Sample Information</b>	<input checked="" type="checkbox"/> <b>Samples Available Now</b>
Everspin Quality Everspin Technologies (480) 347-1111 <a href="mailto:bonnie.paro@everspin.com">bonnie.paro@everspin.com</a>	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.	
<b>Originator</b>		
<u>Date</u> 4/11/2024	<u>Title</u> Senior Quality Engineer	<u>Name</u> Bonnie S. Paro 
<b>Approval and Release</b>		
<u>Date</u> 4/11/2024	<u>Title</u> VP of Fab Ops & Quality	<u>Name</u> Khaloud Barakat 
<u>Date</u> 4/11/2024	<u>Title</u> VP of Backend Operations	<u>Name</u> Amit Shah 
<u>Date</u> 4/11/2024	<u>Title</u> Sr. Director of Marketing	<u>Name</u> Joe O'Hare 