

Product and Process Change Notice

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

Type: Major

Adding 2nd assembly qual site ChipMOS.

Reason For Change

Qualification of 2nd assembly site.

Affected Products

Part Number	Description	Part Number	Description
MR4A08BYS35	Commercial	MR4A08BYS35R	T&R
MR4A08BCYS35	Industrial	MR4A08BCYS35R	T&R
MR4A08BUY545	Auto Temp	MR4A08BUY545R	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

Product and Process Change Notice

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

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

Product Identifier

Assembly site code = H for ChipMOS Taiwan

Supplier Qual Plan Schedule and Results

ChipMOS assembly qualification is complete and all Everspin requirements met; a qualification report is available on request. QUA03076 QR

Date Qualification Samples Are Available:

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

Acceptance of Change (Customer)

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 ☒ Samples Available Now
Everspin Quality Everspin Technologies (480) 347-1111 bonnie.paro@everspin.com	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>	<u>Title</u>	<u>Name</u>
4/11/2024	Senior Quality Engineer	Bonnie S. Paro 

Approval and Release

<u>Date</u>	<u>Title</u>	<u>Name</u>
4/11/2024	VP of Fab Ops & Quality	Khaldoun Barakat 
4/11/2024	VP of Backend Operations	Amit Shah 
4/11/2024	Sr. Director of Marketing	Joe O'Hare 