

Product and Process Change Notice

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|----------------|--|-----------------|-----------|-----------------------|-----------|
| PCN No. | PCN03031 | PCN Date | 4/13/2021 | Effective Date | 7/12/2021 |
| Title | 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 |
| 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 |
| 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 |

Impact on Form, Fit, Function, Quality or Reliability

No impact

Proposed First Ship Date for Change:

April 9, 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 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.

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|--|---|--|--|
| 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> 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  | |