



# Product Change Notification



Product Group: SIL/Mon Jun 21, 2021/PCN-SIL-018-2021-REV-0

## Tower-MH Wafer Process Improvement and Green Mold Compound Conversion for NBED 80M Cell Commercial Power MOSFETs

**DESCRIPTION OF CHANGE:** Vishay Siliconix announces to improve Tower-MH Wafer process and Green Mold Compound Conversion for NBED 80M Cell for Low Voltage Commercial power MOSFETs i.e. 80M TRENCHFET Technology in 6" WAFERS from TOWER-MH with hot top metal, LTO/SIN passivation, polyimide and green mold compound conversion from assembly sites.

**REASON FOR CHANGE:** Part of continued quality improvement program

**EXPECTED INFLUENCE ON QUALITY/RELIABILITY/PERFORMANCE:** Enhancement to long-term product reliability and there will be no affect on the quality, reliability, or performance. There will be no changes in minimum and maximum values on the data sheets.

**PART NUMBERS/SERIES/FAMILIES AFFECTED:** SUM90N10-8M2P-E3

**VISHAY BRAND(s):** Vishay Siliconix

**TIME SCHEDULE:**

Start Shipment Date: Tue Sep 21, 2021

**SAMPLE AVAILABILITY:** Please contact your regional Vishay Sales office for sample availability

**PRODUCT IDENTIFICATION:** There will be no change to part numbering

**QUALIFICATION DATA:** Qualification results are available upon request

**This PCN is considered approved, without further notification, unless we receive specific customer concerns before Mon Sep 20, 2021 or as specified by contract.**

**ISSUED BY:** Michael Hsieh, Michael.Hsieh@vishay.com

**For further information, please contact your regional Vishay office.**

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# Product Change Notification



Product Group: Vishay Siliconix /June 21<sup>st</sup>, 2021 / PCN-SIL-0182021 Rev 0

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**DESCRIPTION OF CHANGE:** Vishay Siliconix announces to improve Tower-MH Wafer process and Green Mold Compound Conversion for NBED 80M Cell for Low Voltage Commercial power MOSFETs i.e. 80M TRENCHFET Technology in 6" WAFERS from TOWER-MH with hot top metal, LTO/SIN passivation, polyimide and green mold compound conversion from assembly sites.

**CLASSIFICATION OF CHANGE:** Direct Materials (Major)

**REASON FOR CHANGE:** Part of continued quality improvement program

**EXPECTED INFLUENCE ON QUALITY/RELIABILITY/PERFORMANCE:** Enhancement to long-term product reliability and there will be no affect on the quality, reliability, or performance. There will be no changes in minimum and maximum values on the data sheets.

**PRODUCT CATAGORY:** Low Voltage Commercial Power MOSFET

**PART NUMBERS/SERIES/FAMILIES AFFECTED:** SUM90N10-8M2P-E3

**VISHAY BRAND(s):** Vishay-Siliconix

**TIME SCHEDULE:** Shipments can begin on September 21<sup>st</sup>, 2021

**SAMPLE AVAILABILITY:** Please contact your regional Vishay Sales office for sample availability

**PRODUCT IDENTIFICATION:** There will be no change to part numbering.

This PCN is considered approved, without further notification, unless we receive specific customer concerns before September 20<sup>th</sup>, 2021 as specified by contract

**ISSUED BY:** Michael Hsieh, Vishay Siliconix, Product Marketing Manager

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Procedure #