



# Product Change Notification



Product Group: Vishay Siliconix/ August 30, 2019/PCN SIL-0072019

## Vishay Siliconix Announces the Qualification New Green Mold Compound for Commercial High Voltage MOSFETs Built in TO-220 Packages

**DESCRIPTION OF CHANGE:** As part of our continuous improvement program, Vishay Siliconix announces the qualification of SUMITOMO E590HT Green Mold Compound for TO-220 packages assembled in ASE Weihai, China (ASE) for Vishay's High Voltage MOSFET (HVM) products.

**CLASSIFICATION OF CHANGE:** Material set conversion

**REASON FOR CHANGE:** Part of continuous improvement program.

**EXPECTED INFLUENCE ON QUALITY/RELIABILITY/PERFORMANCE:** Enhancement to long-term product reliability. No changes will be made to electrical performance or datasheet parameters

**PRODUCT Category:** Commercial MOSFETs

**PART NUMBERS/SERIES/FAMILIES AFFECTED:** Please refer to page 2 of this PCN

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

**TIME SCHEDULE:** Shipments with the changes identified in this document will begin in November, 2019

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

**PRODUCT IDENTIFICATION:** There will be no change to part numbering. Products affected will have a date-code **N99xx** or later

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

**This PCN is considered approved, without further notification, unless we receive specific customer concerns before November 29, 2019 as specified by contract**

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

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## PCN-SIL-0072019 Parts List

Part Number			
94-2608PBF	IRF9Z24PBF	SIHF530-GE3	SIHP21N65EF-GE3
94-4892PBF	IRF9Z30PBF	SIHF540-E3	SIHP21N80AE-GE3
IRF510PBF	IRF9Z34PBF	SIHF644-E3	SIHP22N60AE-GE3
IRF520PBF	IRFB11N50APBF	SIHF644-GE3	SIHP22N60E-E3
IRF530PBF	IRFB13N50APBF	SIHF830-E3	SIHP22N60E-GE3
IRF540PBF	IRFB17N50LPBF	SIHF830A-E3	SIHP22N60EF-GE3
IRF610PBF	IRFB18N50KPBF	SIHF840-E3	SIHP22N60EL-GE3
IRF614PBF	IRFB20N50KPBF	SIHF840A-E3	SIHP22N65E-GE3
IRF620PBF	IRFB9N60APBF	SIHF9Z30-E3	SIHP23N60E-GE3
IRF624PBF	IRFB9N65APBF	SIHFB11N50A-E3	SIHP24N60E-GE3
IRF630PBF	IRFBC20PBF	SIHFB18N50K-E3	SIHP24N65E-E3
IRF634PBF	IRFBC30APBF	SIHFB20N50K-E3	SIHP24N65E-GE3
IRF640PBF	IRFBC30PBF	SIHFBC40A-E3	SIHP24N65EF-GE3
IRF644PBF	IRFBC40APBF	SIHFZ20-E3	SIHP25N40D-E3
IRF710PBF	IRFBC40LCPBF	SIHP050N60E-GE3	SIHP25N40D-GE3
IRF720PBF	IRFBC40PBF	SIHP065N60E-GE3	SIHP25N50E-GE3
IRF730APBF	IRFBE20PBF	SIHP100N60E-GE3	SIHP25N60EFL-GE3
IRF730BPBF	IRFBE30PBF	SIHP105N60EF-GE3	SIHP28N60EF-GE3
IRF730PBF	IRFBF20PBF	SIHP10N40D-E3	SIHP28N65E-GE3
IRF740APBF	IRFBF30PBF	SIHP10N40D-GE3	SIHP28N65EF-GE3
IRF740BPBF	IRFBG20PBF	SIHP11N80E-GE3	SIHP30N60E-E3
IRF740LCPBF	IRFBG30PBF	SIHP120N60E-GE3	SIHP30N60E-GE3
IRF740PBF	IRFZ10PBF	SIHP12N50C-E3	SIHP33N60E-E3
IRF820APBF	IRFZ14PBF	SIHP12N50E-GE3	SIHP33N60E-GE3
IRF820PBF	IRFZ20PBF	SIHP12N60E-E3	SIHP33N60EF-GE3
IRF830APBF	IRFZ24PBF	SIHP12N60E-GE3	SIHP35N60E-GE3
IRF830BPBF	IRFZ34PBF	SIHP12N65E-GE3	SIHP35N60EF-GE3
IRF830PBF	IRFZ40PBF	SIHP14N50D-E3	SIHP38N60E-GE3
IRF840APBF	IRFZ44PBF	SIHP14N50D-GE3	SIHP38N60EF-GE3
IRF840BPBF	IRFZ44RPBF	SIHP14N60E-GE3	SIHP4N80E-GE3
IRF840LCPBF	IRFZ48PBF	SIHP15N50E-GE3	SIHP5N50D-E3
IRF840PBF	IRFZ48RPBF	SIHP15N60E-E3	SIHP5N50D-GE3
IRF9510PBF	IRL510PBF	SIHP15N60E-GE3	SIHP6N40D-E3
IRF9520PBF	IRL520PBF	SIHP15N65E-GE3	SIHP6N40D-GE3
IRF9530PBF	IRL530PBF	SIHP16N50C-E3	SIHP6N65E-GE3
IRF9540PBF	IRL540PBF	SIHP17N60D-E3	SIHP6N80E-GE3
IRF9610PBF	IRL620PBF	SIHP17N60D-GE3	SIHP7N60E-E3
IRF9620PBF	IRL630PBF	SIHP17N80E-GE3	SIHP7N60E-GE3
IRF9630PBF	IRL640PBF	SIHP180N60E-GE3	SIHP8N50D-E3
IRF9640PBF	IRLZ14PBF	SIHP18N50C-E3	SIHP8N50D-GE3
IRF9Z10PBF	IRLZ24PBF	SIHP18N60E-GE3	SIHP22N60AEL-GE3
IRF9Z14PBF	IRLZ34PBF	SIHP20N50E-GE3	SIHP30N60AEL-GE3
IRF9Z20PBF	IRLZ44PBF	SIHP21N60EF-GE3	

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