



Product Change Notification



Product Group: Vishay Siliconix/ August 30, 2019/PCN SIL-0072019 Rev1

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

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ONE OF THE WORLD'S LARGEST MANUFACTURERS OF DISCRETE SEMICONDUCTORS AND PASSIVE COMPONENT

Procedure #



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PCN-SIL-0072019 Parts List

Part Number			
94-2608PBF	IRF9Z10PBF	IRL630PBF	SIHP22N60AE-GE3
94-4892PBF	IRF9Z14PBF	IRL640PBF	SIHP22N60AEL-GE3
IRF510PBF	IRF9Z20PBF	IRLZ14PBF	SIHP22N60E-E3
IRF520PBF	IRF9Z24PBF	IRLZ24PBF	SIHP22N60EF-GE3
IRF530PBF	IRF9Z30PBF	IRLZ34PBF	SIHP22N60E-GE3
IRF540PBF	IRF9Z34PBF	IRLZ44PBF	SIHP22N65E-GE3
IRF610PBF	IRFB11N50APBF	SIHF530-GE3	SIHP23N60E-GE3
IRF614PBF	IRFB13N50APBF	SIHFB20N50K-E3	SIHP240N60E-GE3
IRF620PBF	IRFB17N50LPBF	SIHP050N60E-GE3	SIHP24N65E-E3
IRF624PBF	IRFB18N50KPBF	SIHP065N60E-GE3	SIHP24N65EF-GE3
IRF630PBF	IRFB20N50KPBF	SIHP100N60E-GE3	SIHP24N65E-GE3
IRF634PBF	IRFB9N60APBF	SIHP105N60EF-GE3	SIHP25N40D-E3
IRF640PBF	IRFB9N65APBF	SIHP10N40D-E3	SIHP25N40D-GE3
IRF644PBF	IRFBC20PBF	SIHP10N40D-GE3	SIHP25N50E-GE3
IRF710PBF	IRFBC30APBF	SIHP11N80E-GE3	SIHP25N60EFL-GE3
IRF720PBF	IRFBC30PBF	SIHP120N60E-GE3	SIHP28N60EF-GE3
IRF730APBF	IRFBC40APBF	SIHP125N60EF-GE3	SIHP28N65EF-GE3
IRF730BPBF	IRFBC40LCPBF	SIHP12N50C-E3	SIHP28N65E-GE3
IRF730PBF	IRFBC40PBF	SIHP12N50E-GE3	SIHP30N60AEL-GE3
IRF740APBF	IRFBE20PBF	SIHP12N60E-E3	SIHP30N60E-E3
IRF740BPBF	IRFBE30PBF	SIHP12N60E-GE3	SIHP30N60E-GE3
IRF740LCPBF	IRFBF20PBF	SIHP12N65E-GE3	SIHP33N60EF-GE3
IRF740PBF	IRFBF30PBF	SIHP14N50D-E3	SIHP33N60E-GE3
IRF820APBF	IRFBG20PBF	SIHP14N50D-GE3	SIHP35N60EF-GE3
IRF820PBF	IRFBG30PBF	SIHP14N60E-GE3	SIHP35N60E-GE3
IRF830APBF	IRFZ10PBF	SIHP15N50E-GE3	SIHP38N60EF-GE3
IRF830BPBF	IRFZ14PBF	SIHP15N60E-E3	SIHP38N60E-GE3
IRF830PBF	IRFZ20PBF	SIHP15N60E-GE3	SIHP4N80E-GE3
IRF840APBF	IRFZ24PBF	SIHP15N65E-GE3	SIHP5N50D-E3
IRF840BPBF	IRFZ34PBF	SIHP16N50C-E3	SIHP5N50D-GE3
IRF840LCPBF	IRFZ40PBF	SIHP17N60D-E3	SIHP690N60E-GE3
IRF840PBF	IRFZ44PBF	SIHP17N60D-GE3	SIHP6N40D-E3
IRF9510PBF	IRFZ44RPBF	SIHP17N80E-GE3	SIHP6N40D-GE3
IRF9520PBF	IRFZ48PBF	SIHP180N60E-GE3	SIHP6N65E-GE3
IRF9530PBF	IRFZ48RPBF	SIHP186N60EF-GE3	SIHP6N80E-GE3
IRF9540PBF	IRL510PBF	SIHP18N50C-E3	SIHP7N60E-E3
IRF9610PBF	IRL520PBF	SIHP20N50E-GE3	SIHP7N60E-GE3
IRF9620PBF	IRL530PBF	SIHP21N60EF-GE3	SIHP8N50D-E3
IRF9630PBF	IRL540PBF	SIHP21N65EF-GE3	SIHP8N50D-GE3
IRF9640PBF	IRL620PBF	SIHP21N80AE-GE3	

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