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Product Change Notification



Product Group: SIL/Thursday January 2, 2025/PCN-SIL-071-2024-REV-0

Vishay Siliconix Announces Manufacturing Capacity Expansion of BGBM Wafer Process for SuperJunction Commercial Power MOSFETs

For further information, please contact your regional Vishay office.

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Description of Change: To meet increasing demand for commercial Power MOSFET products, Vishay Siliconix announces the qualification of wafer back-grind and back-metallization (BGBM) on SuperJunction Commercial Power MOSFETs at in-house Siliconix Philippines Inc. (SPI) Facility in Binan, Philippines.

Reason for Change: Manufacturing Capacity Expansion

Expected Influence on Quality/Reliability/Performance: There is no change on the product form factor, materials, and no effect on quality, reliability, performance, and the minimum/maximum values in the datasheet

Part Numbers/Series/Families Affected: Please see materials list on the succeeding page.

Vishay Brand(S): Vishay Siliconix

Time Schedule:

Start Shipment Date: Friday April 4, 2025

Sample Availability: Please contact your regional Vishay Sales office for sample availability

Product Identification: There is no change to part numbering

Qualification Data: Available upon request

This PCN is considered approved, without further notification, unless we receive specific customer concerns before Monday March 3, 2025 or as specified by contract.

Issued By: Michael Hsieh, michael.hsieh@vishay.com



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SIHA100N60E-GE3	SIHA100N60E-GE3-A	SIHA105N60EF-GE3	SIHA11N80AE-GE3	SIHA11N80E-GE3
SIHA120N60E-GE3	SIHA125N60EF-GE3	SIHA12N50E-E3	SIHA12N50E-GE3	SIHA12N60E-E3
SIHA12N60E-GE3	SIHA14N60E-E3	SIHA14N60E-GE3	SIHA150N60E-GE3	SIHA155N60EF-GE3
SIHA15N50E-E3	SIHA15N50E-GE3	SIHA15N60E-E3	SIHA15N60E-GE3	SIHA15N65E-GE3
SIHA15N80AEF-GE3	SIHA15N80AE-GE3	SIHA17N80AEF-GE3	SIHA17N80AE-GE3	SIHA17N80E-E3
SIHA17N80E-GE3	SIHA180N60E-GE3	SIHA186N60EF-GE3	SIHA18N60E-E3	SIHA18N60E-GE3
SIHA20N50E-E3	SIHA20N50E-GE3	SIHA21N60EF-E3	SIHA21N60EF-GE3	SIHA21N65EF-E3
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SIHB11N80E-GE3	SIHB120N60E-GE3	SIHB120N60E-T1-GE3	SIHB120N60E-T5-GE3	SIHB125N60EF-GE3
SIHB125N60EF-T1GE3	SIHB125N60EF-T5GE3	SIHB125N65E-GE3	SIHB12N50E-GE3	SIHB12N60E-GE3
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SIHD180N60E-GE3	SIHD180N60ET1-GE3	SIHD180N60ET4-GE3	SIHD186N60EF-GE3	SIHD186N60EFT1-GE3
SIHD186N60EFT4-GE3	SIHD1K4N60E-GE3	SIHD240N60E-GE3	SIHD240N60E-T1-GE3	SIHD240N60E-T4-GE3
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SIHG075N65E-GE3	SIHG080N60E-GE3	SIHG085N60EF-GE3	SIHG100N60E-GE3	SIHG105N60EF-GE3



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SIHP21N80AEF-GE3	SIHP21N80AE-GE3	SIHP22N60AE-BE3	SIHP22N60AE-GE3	SIHP22N60E-E3
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SIHP23N60E-GE3	SIHP240N60E-GE3	SIHP240N65E-GE3	SIHP24N65E-E3	SIHP24N65EF-GE3
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SIHW47N60EF-GE3	SIHW47N60E-GE3	SIHW47N65E-GE3	SIHW61N65EF-GE3	SIHW64N65E-GE3
SIHW70N60EF-GE3	SIHW73N60E-GE3	V961-0013-GE3	V961-0016-GE3	

Dummy PPAP

We don't support PPAP to commercial parts from MOSFET portfolio.

Thanks.