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Vishay Siliconix Announces Manufacturing Capacity Expansion of BGBM Wafer Process for Commercial Power MOSFETs in TO-252 and TO-263 Packages

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 select Commercial Power MOSFET in TO-252 and TO-263 packages at Prosperity Power Technology Inc..

ProPowertek, founded at the Hsinchu Science Park in Nov'20, aims to provide customers with engineering services for the center- and backend wafer making process, and is devoted to leading the world in this market. ProPowertek is focusing on wafer thinning engineering, front side metal (FSM), backside grinding backside metal (BGBM), and IGBT back-end Turnkey solution in the local IC industry chain.

ProPowertek has achieved ISO9001, ISO14001, ISO45001, and IATF16949 certifications for quality management systems.

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: Mon Dec 25, 2023

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 the completion of transfer qualification testing.

This PCN is considered approved, without further notification, unless we receive specific customer concerns before Fri Dec 22, 2023 or as specified by contract.



Product Change Notification



Product Group: SIL/Fri Oct 20, 2023/PCN-SIL-043-2023-REV-0

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Issued By: Andrew Tsai, andrew.tsai@vishay.com



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SUD19N20-90-T4-E3	SUD19N20-90-E3	SUD19N20-90-BE3	SUM110P08-11L-E3	SUM40014M-GE3
SUM45N25-58-E3	SUM70060E-GE3	SUM80090E-GE3	SUM85N15-19-E3	SUM90N03-2M2P-E3



Product Change Notification



Product Group: Vishay Siliconix, PCN

Not applicable as non-automotive part numbers

Vishay Intertechnology, Inc.

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Procedure #