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Vishay Siliconix Announces Manufacturing Capacity Expansion of BGBM Wafer Process for 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 select commercial Power MOSFET in SOT-23 and TSOP6 packages at Prosperity Power Technology Inc. (ProPowertek, previously IST).

ProPowertek, founded at the Hsinchu Science Park in Nov'20, aims to provide customers with engineering services for the center- and back-end 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.

Classification of Change: Manufacturing Capacity Expansion

Expected Influence on Quality/Reliability/Performance: There will be 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 May 22, 2023

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

Product Identification: There will be 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 Wed May 17, 2023 or as specified by contract.

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



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Product Change Notification



Product Group: SIL/Mon Mar 13, 2023/PCN-SIL-017-2023-REV-0

SI2302CDS-T1-BE3	SI2308BDS-T1-BE3	SI2371EDS-T1-BE3	SI2347DS-T1-BE3	SI2309CDS-T1-BE3
SI2318CDS-T1-BE3	SI2319CDS-T1-BE3	SI2307CDS-T1-BE3	SI2323DS-T1-BE3	SI2337DS-T1-BE3
SI2305CDS-T1-BE3	SI2303CDS-T1-BE3	SI2318DS-T1-BE3	SI3483DDV-T1-BE3	SI3443CDV-T1-BE3
SI2343CDS-T1-BE3	SI2319DS-T1-BE3	SI2312BDS-T1-BE3	SI3424CDV-T1-BE3	SI3443BDV-T1-BE3
SI3407DV-T1-BE3	SI2300DS-T1-BE3	SI2312CDS-T1-BE3	SI3469DV-T1-BE3	SI2304BDS-T1-BE3
SI2306BDS-T1-BE3	SI2303CDS-T1-BE3	SI3459BDV-T1-BE3	SI2336DS-T1-BE3	SI2301CDS-T1-BE3
SI2324DS-T1-BE3	SI3474DV-T1-BE3	SI2307BDS-T1-BE3	SI3437DV-T1-BE3	SI2369DS-T1-BE3
SI2338DS-T1-BE3	SI3458BDV-T1-BE3	SI3456DDV-T1-BE3	SI3443DDV-T1-BE3	SI3430DV-T1-BE3
SI2315BDS-T1-BE3	SI2316BDS-T1-BE3	SI2333CDS-T1-BE3	SI2301BDS-T1-BE3	SI3440ADV-T1-BE3
SI3433CDV-T1-BE3	SI3493BDV-T1-BE3	SI3499DV-T1-BE3		