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# Product Change Notification



Product Group: SIL/Tue Jan 9, 2024/PCN-SIL-001-2024-REV-0

## Vishay Siliconix Announces Manufacturing Capacity Expansion of BGBM Wafer Process for Commercial Power MOSFETs in PowerPAIR® Packages

For further information, please contact your regional Vishay office.

### CONTACT INFORMATION

#### Americas

Vishay Siliconix  
2585 Junction Avenue,  
-  
San Jose, Ca, United States 95134  
Phone: +1-408-988-8000  
Fax: +1-408-567-8942  
-

#### Europe

Vishay Electronic GmbH  
Dr.-Felix-Zandman-Platz 1,  
-  
Selb, Germany D-95100  
Phone: +49-9287-71-0  
Fax: +49-9287-70435  
-

#### Asia

Vishay Intertechnology Asia Pte. Ltd  
37A Tampines Street 92, #07-01,  
-  
Singapore, Singapore 528886  
Phone: +65-6788-6668  
Fax: +65-6788-0988  
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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 PowerPAIR® 3x3, PowerPAIR® 3x3FS, PowerPAIR® 6x5, and PowerPAIR® 6x5F 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 Mar 11, 2024

**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 Sat Mar 9, 2024 or as specified by contract.**

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



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SIZ300DT-T1-GE3	SIZ320DT-T1-GE3	SIZ322DT-T1-GE3	SIZ328DT-T1-GE3	SIZ340ADT-T1-GE3
SIZ340BDT-T1-GE3	SIZ340DT-T1-GE3	SIZ342ADT-T1-GE3	SIZ342DT-T1-GE3	SIZ342JT-T1-GE3
SIZ346DT-T1-GE3	SIZ348DT-T1-GE3	SIZ350DT-T1-GE3	SIZ926DT-T1-GE3	SIZ980BDT-T1-GE3
SIZ980BDT-T1-GE3-L	SIZ980DT-T1-GE3	SIZ988DT-T1-GE3	SIZ988DT-T1-GE3-V	SIZ998BDT-T1-GE3
SIZ998BDT-T1-GE3-L	SIZ998DT-T1-GE3	SIZF4800LDT-T1-GE3	SIZF5300DT-T1-GE3	SIZF5302DT-T1-RE3
SIZF906ADT-T1-GE3	SIZF906DT-T1-GE3	SIZF906DT-T1-GE3-T	SIZF906DT-T1-GE3-U	SIZF914DT-T1-GE3
SIZF916DT-T1-GE3	SIZF918DT-T1-GE3	SIZF918DT-T1-GE3-L	SIZF920DT-T1-GE3	SIZF928DT-T1-GE3