



The DNA of tech.™

Product Change Notification



Product Group: SIL/Friday January 24, 2025/PCN-SIL-003-2025-REV-0

Vishay Siliconix Announces the Capacity Expansion of BGBM Wafer Process in SPI/Binan for Commercial LVM Power MOSFETs

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
-

Description of Change: To meet the increasing demand for commercial Power MOSFET products, Vishay Siliconix announces the qualification of wafer BGBM process (Backside-Grind and Backside-Metallization) for commercial Low-Voltage Power MOSFETs at in-house Siliconix Philippines Inc. (SPI) facility in Binan, Philippines.

Reason for Change: Capacity Expansion

Expected Influence on Quality/Reliability/Performance: There will be no effect on performance, quality or reliability and no change to form, fit, or function of the shipped devices.

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

Vishay Brand(S): Vishay Siliconix

Time Schedule:

Start Shipment Date: Wednesday March 26, 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 the completion of transfer qualification testing.

This PCN is considered approved, without further notification, unless we receive specific customer concerns before Monday March 24, 2025 or as specified by contract.

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



The DNA of tech.™

Product Change Notification



Product Group: SIL/Friday January 24, 2025/PCN-SIL-003-2025-REV-0

SI1012CR-T1-GE3	SI1013CDWF	SI1013CX-T1-GE3	SI1016CX-T1-GE3	SI1023CX-T1-GE3
SI1034CX-T1-GE3	SI1062X-T1-GE3	SI1077X-T1-GE3	SI1078X-T1-GE3	SI1308EDL-T1-BE3
SI1308EDL-T1-GE3	SI1425DH-T1-GE3	SI1467DH-T1-BE3	SI1467DH-T1-E3	SI1467DH-T1-GE3
SI1480BDH-T1-GE3	SI1902CDL-T1-BE3	SI1902CDL-T1-GE3	SI1967DH-T1-BE3	SI1967DH-T1-E3
SI1967DH-T1-GE3	SI2122DS-T1-GE3	SI2301CDS-T1-BE3	SI2301CDS-T1-E3	SI2301CDS-T1-GE3
SI2302CDS-T1-BE3	SI2302CDS-T1-E3	SI2302CDS-T1-GE3	SI2302DDS-T1-BE3	SI2302DDS-T1-GE3
SI2303CDS-T1-BE3	SI2303CDS-T1-E3	SI2303CDS-T1-GE3	SI2304DDS-T1-BE3	SI2304DDS-T1-GE3
SI2305CDS-T1-BE3	SI2305CDS-T1-GE3	SI2307CDS-T1-BE3	SI2307CDS-T1-E3	SI2307CDS-T1-GE3
SI2312CDS-T1-BE3	SI2312CDS-T1-GE3	SI2318CDS-T1-BE3	SI2318CDS-T1-GE3	SI2319CDS-T1-BE3
SI2319CDS-T1-GE3	SI2319DDS-T1-GE3	SI2324DS-T1-GE3	SI2333CDS-T1-BE3	SI2333CDS-T1-E3
SI2333CDS-T1-GE3	SI2343CDS-T1-BE3	SI2343CDS-T1-GE3	SI2347DS-T1-BE3	SI2347DS-T1-GE3
SI2366DS-T1-BE3	SI2366DS-T1-GE3	SI2367DS-T1-BE3	SI2367DS-T1-GE3	SI2369BDS-T1-GE3
SI2369DS-T1-BE3	SI2369DS-T1-GE3	SI2374DS-T1-BE3	SI2374DS-T1-GE3	SI2392BDS-T1-GE3
SI2393DS-T1-GE3	SI2399BDS-T1-GE3	SI3122DV-T1-GE3	SI3407DV-T1-BE3	SI3407DV-T1-GE3
SI3417DV-T1-GE3	SI3421DV-T1-GE3	SI3424CDV-T1-BE3	SI3424CDV-T1-GE3	SI3425DV-T1-GE3
SI3430DV-T1-E3	SI3430DV-T1-GE3	SI3438DV-T1-GE3	SI3443CDV-T1-BE3	SI3443CDV-T1-E3
SI3453DV-T1-GE3	SI3456DDV-T1-BE3	SI3456DDV-T1-E3	SI3456DDV-T1-GE3	SI3457CDV-T1-BE3
SI3457CDV-T1-E3	SI3457CDV-T1-GE3	SI3457CDWF	SI3464DV-T1-BE3	SI3464DV-T1-GE3
SI3473CDV-T1-BE3	SI3473CDV-T1-E3	SI3473CDV-T1-GE3	SI3483CDV-T1-BE3	SI3483CDV-T1-E3
SI3483CDV-T1-GE3	SI3483DDV-T1-BE3	SI3483DDV-T1-GE3	SI3493BDV-T1-BE3	SI3493BDV-T1-E3
SI3493BDV-T1-GE3	SI3493DDV-T1-GE3	SI3585CDV-T1-GE3	SI3865DDV-T1-GE3	SI4056ADY-T1-GE3
SI4056DY-T1-GE3	SI4062DY-T1-GE3	SI4090BDY-T1-GE3	SI4101DY-T1-GE3	SI4103DY-T1-GE3
SI4114DY-T1-E3	SI4114DY-T1-GE3	SI4122DY-T1-GE3	SI4126DY-T1-GE3	SI4128DY-T1-E3
SI4128DY-T1-GE3	SI4136DY-T1-GE3	SI4143DY-T1-GE3	SI4151DY-T1-GE3	SI4153DY-T1-GE3
SI4154DY-T1-GE3	SI4155DY-T1-GE3	SI4156DY-T1-GE3	SI4160DY-T1-GE3	SI4162DY-T1-GE3
SI4164DY-T1-GE3	SI4166DY-T1-GE3	SI4168DY-T1-GE3	SI4174DY-T1-GE3	SI4186DY-T1-GE3
SI4190ADY-T1-GE3	SI4190BDY-T1-GE3	SI4202DY-T1-GE3	SI4204DY-T1-GE3	SI4214DDY-T1-E3
SI4214DDY-T1-GE3	SI4228DY-T1-GE3	SI4288DY-T1-GE3	SI4368DY-T1-E3	SI4386DY-T1-E3
SI4386DY-T1-GE3	SI4401DDY-T1-GE3	SI4401FDY-T1-GE3	SI4403CDY-T1-GE3	SI4413DDY-T1-GE3
SI4425DDY-T1-GE3	SI4425FDY-T1-GE3	SI4430BDY-T1-E3	SI4431CDWF	SI4431CDY-T1-E3
SI4431CDY-T1-GE3	SI4434ADY-T1-GE3	SI4435DDY-T1-E3	SI4435DDY-T1-GE3	SI4435FDY-T1-GE3
SI4447ADY-T1-GE3	SI4456DY-T1-E3	SI4459ADY-T1-GE3	SI4459BDY-T1-GE3	SI4463CDY-T1-GE3
SI4477DY-T1-GE3	SI4483ADY-T1-GE3	SI4485DY-T1-GE3	SI4488DY-T1-E3	SI4488DY-T1-GE3
SI4490DY-T1-E3	SI4490DY-T1-GE3	SI4491EDY-T1-GE3	SI4497DY-T1-GE3	SI4532CDY-T1-GE3
SI4554DY-T1-GE3	SI4564DY-T1-GE3	SI4599DY-T1-GE3	SI4626ADY-T1-E3	SI4630DY-T1-E3
SI4630DY-T1-GE3	SI4634DY-T1-GE3	SI4686DY-T1-E3	SI4686DY-T1-GE3	SI4816BDY-T1-E3
SI4816BDY-T1-GE3	SI4825DDY-T1-GE3	SI4835DDY-T1-E3	SI4835DDY-T1-GE3	SI4838BDY-T1-GE3
SI4840BDY-T1-E3	SI4840BDY-T1-GE3	SI4842BDY-T1-E3	SI4848BDY-T1-GE3	SI4850EY-T1-E3
SI4850EY-T1-GE3	SI4874BDY-T1-E3	SI4874BDY-T1-GE3	SI4894BDY-T1-E3	SI4896DY-T1-E3
SI4896DY-T1-GE3	SI4909DY-T1-GE3	SI4925DDY-T1-GE3	SI4932DY-T1-GE3	SI4936CDY-T1-GE3
SI5403DC-T1-GE3	SI5419DU-T1-GE3	SI5442DU-T1-GE3	SI5448DU-T1-GE3	SI5457DC-T1-GE3
SI5459DU-T1-GE3	SI5468DC-T1-GE3	SI5936DU-T1-GE3	SI7101DN-T1-GE3	SI7106DN-T1-E3
SI7106DN-T1-GE3	SI7108DN-T1-E3	SI7108DN-T1-GE3	SI7110DN-T1-E3	SI7110DN-T1-GE3
SI7112DN-T1-E3	SI7112DN-T1-GE3	SI7114ADN-T1-GE3	SI7114DN-T1-E3	SI7114DN-T1-E3-Z
SI7114DN-T1-GE3	SI7116DN-T1-E3	SI7116DN-T1-GE3	SI7121ADN-T1-GE3	SI7121DN-T1-GE3
SI7121DN-T1-GE3-L	SI7129DN-T1-GE3	SI7129DN-T1-GE3-L	SI7135DP-T1-GE3	SI7139DP-T1-GE3
SI7141DP-T1-GE3	SI7143DP-T1-GE3	SI7145DP-T1-GE3	SI7149ADP-T1-GE3	SI7153DN-T1-GE3
SI7155DP-T1-GE3	SI7172DP-T1-GE3	SI7172DP-T1-GE3-Z	SI7192DP-T1-GE3	SI7223DN-T1-GE3
SI7230DN-T1-E3	SI7232DN-T1-GE3	SI7234DP-T1-GE3	SI7252ADP-T1-GE3	SI7252DP-T1-GE3
SI7288DP-T1-GE3	SI7336ADP-T1-E3	SI7336ADP-T1-GE3	SI7370DP-T1-E3	SI7370DP-T1-GE3
SI7386DP-T1-E3	SI7386DP-T1-GE3	SI7450DP-T1-E3	SI7450DP-T1-GE3	SI7454DDP-T1-GE3
SI7456CDP-T1-GE3	SI7456DDP-T1-GE3	SI7461DP-T1-E3	SI7461DP-T1-GE3	SI7463ADP-T1-GE3
SI7540ADP-T1-GE3	SI7613DN-T1-GE3	SI7615ADN-T1-GE3	SI7615CDN-T1-GE3	SI7615DN-T1-GE3
SI7617DN-T1-GE3	SI7619DN-T1-GE3	SI7625DN-T1-GE3	SI7629DN-T1-GE3	SI7633DP-T1-GE3
SI7634BDP-T1-E3	SI7634BDP-T1-GE3	SI7655ADN-T1-GE3	SI7658ADP-T1-GE3	SI7686DP-T1-E3
SI7686DP-T1-GE3	SI7772DP-T1-GE3	SI7806ADN-T1-E3	SI7806ADN-T1-GE3	SI7846DP-T1-E3



The DNA of tech.™

Product Change Notification



Product Group: SIL/Friday January 24, 2025/PCN-SIL-003-2025-REV-0

SI7846DP-T1-GE3	SI7848BDP-T1-E3	SI7848BDP-T1-GE3	SI7852DP-T1-E3	SI7852DP-T1-GE3
SI7858BDP-T1-GE3	SI7868ADP-T1-E3	SI7880ADP-T1-E3	SI7892BDP-T1-E3	SI7892BDP-T1-GE3
SI7938DP-T1-GE3	SI7994DP-T1-GE3	SI7998DP-T1-GE3	SI8406DB-T2-E1	SI8410DB-T2-E1
SI8416DB-T2-E1	SI8424CDB-T1-E1	SI8425DB-T1-E1	SI8457DB-T1-E1	SI8466EDB-T2-E1
SI8472DB-T2-E1	SI8483DB-T2-E1	SI8497DB-T2-E1	SI8499DB-T2-E1	SI8802DB-T2-E1
SI8806DB-T2-E1	SI8808DB-T2-E1	SI8810EDB-T2-E1	SI8812DB-T2-E1	SI8816EDB-T2-E1
SI8817DB-T2-E1	SI8818EDB-T2-E1	SI8819EDB-T2-E1	SI8821EDB-T2-E1	SI8823EDB-T2-E1
SI8824EDB-T2-E1	SI8851EDB-T2-E1	SI9634DFFR	SI9634DY-T1-GE3	SI9926CDY-T1-E3
SI9926CDY-T1-GE3	SI9933CDY-T1-E3	SI9933CDY-T1-GE3	SIA106DJ-T1-GE3	SIA108DJ-T1-GE3
SIA110DJ-T1-GE3	SIA112LDJ-T1-GE3	SIA400EDJ-T1-GE3	SIA413DJ-T1-GE3	SIA421DJ-T1-GE3
SIA421DJ-T4-GE3	SIA4263DJ-T1-GE3	SIA427ADJ-T1-GE3	SIA427DJ-T1-GE3	SIA430DJT-T1-GE3
SIA431DJ-T1-GE3	SIA432DJ-T1-GE3	SIA432DJ-T4-GE3	SIA440DJ-T1-GE3	SIA441DJ-T1-GE3
SIA447DJ-T1-GE3	SIA447DJ-T4-GE3	SIA468DJ-T1-GE3	SIA469DJ-T1-GE3	SIA471DJ-T1-GE3
SIA483ADJ-T1-GE3	SIA517DJ-T4-GE3	SIA519EDJ-T1-GE3	SIA527DJ-T1-GE3	SIA537EDJ-T1-GE3
SIA906EDJ-T1-GE3	SIA906EDJ-T5-GE3	SIA910EDJ-T1-GE3	SIA913ADJ-T1-GE3	SIA931DJ-T1-GE3
SIA938DJT-T1-GE3	SIB406EDK-T1-GE3	SIB4122DK-T1-GE3	SIB5215DK-T1-GE3	SIJ470DP-T1-GE3
SIJ478DP-T1-GE3	SIJ482DP-T1-GE3	SIJ494DP-T1-GE3	SIR1309DP-T1-GE3	SIR158DP-T1-GE3
SIR164DP-T1-GE3	SIR166DP-T1-GE3	SIR401DP-T1-GE3	SIR402DP-T1-GE3	SIR403EDP-T1-GE3
SIR404DP-T1-GE3	SIR410DP-T1-GE3	SIR414DP-T1-GE3	SIR416DP-T1-GE3	SIR418DP-T1-GE3
SIR422DP-T1-GE3	SIR424DP-T1-GE3	SIR426DP-T1-GE3	SIR438DP-T1-GE3	SIR440DP-T1-GE3
SIR4411DP-T1-GE3	SIR4602LDP-T1-RE3	SIR4604DP-T1-GE3	SIR4604LDP-T1-GE3	SIR4606DP-T1-GE3
SIR4608DP-T1-GE3	SIR4608LDP-T1-GE3	SIR460DP-T1-GE3	SIR462DP-T1-GE3	SIR464DP-T1-GE3
SIR466DP-T1-GE3	SIR470DP-T1-GE3-Z	SIR474DP-T1-GE3	SIR606DP-T1-GE3	SIR622DP-T1-GE3
SIR622DP-T1-RE3	SIR624DP-T1-GE3	SIR640ADP-T1-GE3	SIR662DP-T1-GE3	SIR664DP-T1-GE3
SIR688DP-T1-GE3	SIR688DP-T1-GE3-Z	SIR690DP-T1-GE3	SIR696DP-T1-GE3	SIR800DP-T1-GE3
SIR804DP-T1-GE3	SIR818DP-T1-GE3	SIR826ADP-T1-GE3	SIR826DP-T1-GE3	SIR836DP-T1-GE3
SIR846ADP-T1-GE3	SIR846DP-T1-GE3	SIR862DP-T1-GE3	SIR870ADP-T1-GE3	SIR870DP-T1-GE3
SIR871DP-T1-GE3	SIR872ADP-T1-GE3	SIR872DP-T1-GE3	SIR873DP-T1-GE3	SIR876ADP-T1-GE3
SIR880ADP-T1-GE3	SIR880DP-T1-GE3	SIR882ADP-T1-GE3	SIR882DP-T1-GE3	SIRA01DP-T1-GE3
SIRA06DP-T1-GE3	SIRA18ADP-T1-GE3	SIS106DN-T1-GE3	SIS108DN-T1-GE3	SIS110DN-T1-GE3
SIS112LDN-T1-GE3	SIS112LDWF	SIS128LDFFR	SIS402DN-T1-GE3	SIS406DN-T1-GE3
SIS407DN-T1-GE3	SIS410DN-T1-GE3	SIS412DN-T1-GE3	SIS413DN-T1-GE3	SIS427EDN-T1-GE3
SIS434DN-T1-GE3	SIS438DN-T1-GE3	SIS443DN-T1-GE3	SIS454DN-T1-GE3	SIS4604DN-T1-GE3
SIS4604LDN-T1-GE3	SIS4608DN-T1-GE3	SIS4608LDN-T1-GE3	SIS4634LDN-T1-GE3	SIS468DN-T1-GE3
SIS472DN-T1-GE3	SIS476DN-T1-GE3	SIS488DN-T1-GE3	SIS590DN-T1-GE3	SIS862DN-T1-GE3
SIS888DN-T1-GE3	SIS890DN-T1-GE3	SIS892ADN-T1-GE3	SIS892DN-T1-GE3	SIS9122DN-T1-GE3
SIS9634LDN-T1-GE3	SIS990DN-T1-GE3	SISA01DN-T1-GE3	SISA35DN-T1-GE3	SISH101DN-T1-GE3
SISH103DN-T1-GE3	SISH108DN-T1-GE3	SISH112DN-T1-GE3	SISH114ADN-T1-GE3	SISH116DN-T1-GE3
SISH129DN-T1-GE3	SISH402DN-T1-GE3	SISH407DN-T1-GE3	SISH410DN-T1-GE3	SISH434DN-T1-GE3
SISH472DN-T1-GE3	SISH615ADN-T1-GE3	SISH617DN-T1-GE3	SISH625DN-T1-GE3	SISHA06DN-T1-GE3
SISS05DN-T1-GE3	SISS23DN-T1-GE3	SISS26LDFFR	SISS27DN-T1-GE3	SISS30LDFFR
SISS40DN-T1-GE3	SISS71DN-T1-GE3	SISS73DN-T1-GE3	SISS92DN-T1-GE3	SISS94DN-T1-GE3
SIZ902DT-T1-GE3	SIZ918DT-T1-GE3	SUC90N10-8M2PDWF	SUD50N04-8M8P-4BE3	SUD50N04-8M8P-4GE3
SUD50P04-08-BE3	SUD50P04-08-GE3	SUM110N10-09-E3	SUM45N25-58-E3	SUM50010EL-GE3
SUM60020E-GE3	SUM65N20-30-E3	SUM70030E-GE3	SUM70030M-GE3	SUM70042E-GE3
SUM70042M-GE3	SUP40N25-60-E3	SUP50010EL-GE3	SUP57N20-33-E3	SUP60020E-GE3
SUP70030E-GE3	SUP85N10-10-E3	SUP85N10-10-GE3	V30420-GE3	



Product Change Notification



Product Group: Vishay Siliconix, PCN

Not applicable as non-automotive part numbers

Vishay Intertechnology, Inc.

Corporate Headquarters 63 Lincoln Highway, Malvern, PA 19355-2143 U.S.A. Phone (610) 644-1300 Fax (610) 296-0657 www.vishay.com

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

Procedure #