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Vishay Siliconix Announces Capacity Expansion for the Solder Plating of Commercial Power MOSFET

For further information, please contact your regional Vishay office.

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Description of Change: To meet increasing demand with more flexibility for power MOSFETs, Vishay Siliconix announces the qualification of the new solder-plating site, Welnew-Shanghai, in Shanghai city, China. This full release of Welnew-Shanghai applies to commercial product packages with copper lead-frame assembled in Simconix in Shanghai.

Welnew-Shanghai was founded in 2006 as a leading provider of Hall sensor products, semiconductor process service, and equipments. Welnew-Shanghai has achieved the certifications, including IATF-16949, ISO-9001, and ISO-14001.

Reason for 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 Oct 2, 2023

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

Product Identification: No change on top-marking and part number.

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 Sep 29, 2023 or as specified by contract.

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



Product Change Notification



Product Group: SIL/Thu Jul 27, 2023/PCN-SIL-036-2023-REV-0

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SI5441BDC-T1-GE3	SISF00DN-T1-GE3	SISF02DN-T1-GE3	SISF04DN-T1-GE3	SISF06DN-T1-GE3
SISF20DN-T1-GE3	SIRS4301DP-T1-GE3	SIRS4302DP-T1-GE3	SIRS4401DP-T1-GE3	SIRS5100DP-T1-GE3
SIRS5800DP-T1-GE3	SIRS700DP-T1-GE3	SIUD401ED-T1-GE3	SIUD402ED-T1-GE3	SIUD403ED-T1-GE3
SIUD406ED-T1-GE3	SIUD412ED-T1-GE3	SI5442DU-T1-GE3	SI5448DU-T1-GE3	SI7655ADN-T1-GE3
SI7655DN-T1-GE3	SIS322DNT-T1-GE3	SIS415DNT-T1-GE3	SIS435DNT-T1-GE3	SIS888DN-T1-GE3
SISS10ADN-T1-GE3	SISS10DN-T1-GE3	SISS23DN-T1-GE3	SISS26DN-T1-GE3	SISS26LDN-T1-GE3
SISS27ADN-T1-GE3	SISS27DN-T1-GE3	SISS28DN-T1-GE3	SISS30ADN-T1-GE3	SISS30DN-T1-GE3
SISS30LDN-T1-GE3	SISS40DN-T1-GE3	SISS42DN-T1-GE3	SISS42LDN-T1-GE3	SISS5110DN-T1-GE3
SISS5112DN-T1-GE3	SISS52DN-T1-GE3	SISS52DN-T1-UE3	SISS5623DN-T1-GE3	SISS5710DN-T1-GE3
SISS588DN-T1-GE3	SISS64DN-T1-GE3	SISS71DN-T1-GE3	SISS76LDN-T1-GE3	SISS78LDN-T1-GE3
SISS98DN-T1-GE3	SISS02DN-T1-GE3	SISS04DN-T1-GE3	SISS05DN-T1-GE3	SISS06DN-T1-GE3
SISS08DN-T1-GE3	SISS12DN-T1-GE3	SISS22DN-T1-GE3	SISS22LDN-T1-GE3	SISS32ADN-T1-GE3
SISS32DN-T1-GE3	SISS32LDN-T1-GE3	SISS46DN-T1-GE3	SISS5108DN-T1-GE3	SISS54DN-T1-GE3
SISS5808DN-T1-GE3	SISS60DN-T1-GE3	SISS61DN-T1-GE3	SISS63DN-T1-GE3	SISS65DN-T1-GE3
SISS66DN-T1-GE3	SISS67DN-T1-GE3	SISS70DN-T1-GE3	SISS72DN-T1-GE3	SISS73DN-T1-GE3
SISS80DN-T1-GE3	SISS92DN-T1-GE3	SISS94DN-T1-GE3	SISH101DN-T1-GE3	SISH103DN-T1-GE3
SISH106DN-T1-GE3	SISH107DN-T1-GE3	SISH108DN-T1-GE3	SISH110DN-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	SISH434DN-T1-GE3-U	SISH472DN-T1-GE3	SISH536DN-T1-GE3
SISH615ADN-T1-GE3	SISH617DN-T1-GE3	SISH625DN-T1-GE3	SISH892BDN-T1-GE3	SISHA04DN-T1-GE3
SISHA06DN-T1-GE3	SISHA10DN-T1-GE3	SISHA12ADN-T1-GE3	SISHA14DN-T1-GE3	SISHA18ADN-T1-GE3
SIJH440E-T1-GE3	SIJH112E-T1-GE3	SIJH5700E-T1-GE3	SIJH5800E-T1-GE3	SIJH600E-T1-GE3
SIJH800E-T1-GE3	SI7115DN-T1-GE3	SI7121ADN-T1-GE3-L	SI7720DN-T1-GE3	SI7804DN-T1-GE3
SIS112LDN-T1-GE3	SIS4634LDN-T1-GE3	SIS9634LDN-T1-GE3	SISA16DN-T1-GE3	V30427-T1-GE3
SIA106DJ-T1-GE3	SIA108DJ-T1-GE3	SIA110DJ-T1-GE3	SIA112LDJ-T1-GE3	SIA400EDJ-T1-GE3
SIA413ADJ-T1-GE3	SIA413ADJ-T4-GE3	SIA413DJ-T1-GE3	SIA413DJ-T4-GE3	SIA414DJ-T1-GE3
SIA416DJ-T1-GE3	SIA416DJ-T4-GE3	SIA421DJ-T1-GE3	SIA421DJ-T4-GE3	SIA4263DJ-T1-GE3
SIA4265EDJ-T1-GE3	SIA427ADJ-T1-GE3	SIA427ADJ-T4-GE3	SIA427DJ-T1-GE3	SIA427DJ-T4-GE3
SIA431DJ-T1-GE3	SIA431DJ-T4-GE3	SIA432DJ-T1-GE3	SIA432DJ-T4-GE3	SIA432DJ-T4-GE3-L
SIA433EDJ-T1-GE3	SIA436DJ-T1-GE3	SIA436DJ-T4-GE3	SIA4371EDJ-T1-GE3	SIA440DJ-T1-GE3
SIA441DJ-T1-GE3	SIA445EDJ-T1-GE3	SIA446DJ-T1-GE3	SIA447DJ-T1-GE3	SIA447DJ-T4-GE3
SIA449DJ-T1-GE3	SIA456DJ-T1-GE3	SIA456DJ-T3-GE3	SIA459EDJ-T1-GE3	SIA461DJ-T1-GE3
SIA462DJ-T1-GE3	SIA465EDJ-T1-GE3	SIA469DJ-T1-GE3	SIA472EDJ-T1-GE3	SIA477EDJ-T1-GE3
SIA483ADJ-T1-GE3	SIA483DJ-T1-GE3	SIA485DJ-T1-GE3	SIA485DJ-T1-GE3-Z	SIA485DJ-T4-GE3
SIA517DJ-T1-GE3	SIA517DJ-T4-GE3	SIA519EDJ-T1-GE3	SIA527DJ-T1-GE3	SIA533EDJ-T1-GE3
SIA537EDJ-T1-GE3	SIA811ADJ-T1-GE3	SIA817EDJ-T1-GE3	SIA906EDJ-T1-GE3	SIA906EDJ-T4-GE3
SIA906EDJ-T5-GE3	SIA910EDJ-T1-GE3	SIA911ADJ-T1-GE3	SIA911ADJ-T5-GE3	SIA913ADJ-T1-GE3
SIA918EDJ-T1-GE3	SIA921EDJ-T1-GE3	SIA921EDJ-T4-GE3	SIA923AEDJ-T1-GE3	SIA923EDJ-T1-GE3
SIA923EDJ-T4-GE3	SIA928DJ-T1-GE3	SIA929DJ-T1-GE3	SIA931DJ-T1-GE3	SIA975DJ-T1-GE3
SIA975DJ-T1-GE3-D	SIB406EDK-T1-GE3	SIB417EDK-T1-GE3	SIB422EDK-T1-GE3	SIB422EDK-T4-GE3
SIB4316EDK-T1-GE3	SIB4317EDK-T1-GE3	SIB433EDK-T1-GE3	SIB441EDK-T1-GE3	SIB452DK-T1-GE3
SIB456DK-T1-GE3	SIB457EDK-T1-GE3	SIB912DK-T1-GE3	SI7374DP-T1-GE3	SIRA16DP-T1-GE3
SIRA96DP-T1-GE3	V30431-T1-GE3	SI7137DP-T1-GE3	SI7143DP-T1-GE3-D	SI7149DP-T1-GE3
SI7390DP-T1-GE3	SI7742DP-T1-GE3	SI7862ADP-T1-E3	SI7862ADP-T1-GE3	SI7868ADP-T1-GE3
SI7880ADP-T1-GE3	SIR164DP-T1-RE3	SIR170DP-T1-RE3	SIR404DP-T1-GE3	SIR5108DP-T1-RE3
SIR5110DP-T1-RE3	SIR5112DP-T1-RE3	SIR5623DP-T1-RE3	SIR5808DP-T1-RE3	SIR638ADP-T1-UE3
SIR826DP-T1-RE3	SIR846ADP-T1-RE3	SIR870BDP-T1-RE3	SIRA00DP-T1-RE3	SIRA10DP-T1-GE3-G
SIRA10DP-T1-GE3-L	SIRA18ADP-T1-GE3-U	SIRA18DP-T1-GE3-G	SIRA22DP-T1-RE3	SIRA54ADP-T1-RE3
SIRA60DP-T1-GE3	SIRA80DP-T1-RE3-L	SIRA84DP-T1-GE3-L	SIRA88DP-T1-GE3-G	SIRA99DP-T1-GE3
SIRA99DP-T1-RE3	SIRC06DP-T1-GE3	SIRC16DP-T1-RE3	V30408-T1-GE3	V30412-T1-GE3
V30421-T1-GE3	V30433-T1-GE3	V30437-T1-GE3	V30447-T1-GE3	SI7104DN-T1-E3
SI7106JN-T1-GE3	SI7129DN-T1-GE3-L	SI7328DN-T1-E3	SI7726DN-T1-GE3	SIS862DN-T1-GE3-N
SISA18ADN-T1-GE3-G	SISA18JN-T1-GE3	SISA66DN-T1-GE3	SISA84DN-T1-GE3	SI5418DU-T1-GE3
SI5419DU-T1-GE3	SI5429DU-T1-GE3	SI5458DU-T1-GE3	SI5459DU-T1-GE3	SI5476DU-T1-GE3
SI5517DU-T1-GE3	SI5922DU-T1-GE3	SI5936DU-T1-GE3	SI5948DU-T1-GE3	SIJ128LDP-T1-GE3
SIJ150DP-T1-GE3	SIJ186DP-T1-GE3	SIJ188DP-T1-GE3	SIJ4108DP-T1-GE3	SIJ438ADP-T1-GE3



Product Change Notification



Product Group: SIL/Thu Jul 27, 2023/PCN-SIL-036-2023-REV-0

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SIJ438DP-T1-GE3	SIJ450DP-T1-GE3	SIJ462ADP-T1-GE3	SIJ462DP-T1-GE3	SIJ470DP-T1-GE3
SIJ478DP-T1-GE3	SIJ482DP-T1-GE3	SIJ494DP-T1-GE3	SIJA22DP-T1-GE3	SIJA52ADP-T1-GE3
SIJA52DP-T1-GE3	SIJA54ADP-T1-GE3	SIJA54DP-T1-GE3	SIJA58ADP-T1-GE3	SIJA58DP-T1-GE3
SIJA72ADP-T1-GE3	SIJA74DP-T1-GE3	SIZ200DT-T1-GE3	SIZ240DT-T1-GE3	SIZ250DT-T1-GE3
SIZ254DT-T1-GE3	SIZ256DT-T1-GE3	SIZ260DT-T1-GE3	SIZ270DT-T1-GE3	SIZ902DT-T1-GE3
SIZ904DT-T1-GE3	SIZ918DT-T1-GE3	SIZ918DT-T1-GE3-L	SIZ918JT-T1-GE3	SIA437DJ-T1-GE3
SIA466EDJ-T1-GE3	SIA468DJ-T1-GE3	SIA471DJ-T1-GE3	SIAA00DJ-T1-GE3	SIAA02DJ-T1-GE3
SIAA40DJ-T1-GE3	SI1401EDH-T1-GE3	SI1403BDL-T1-E3	SI1403BDL-T1-GE3	SI1411DH-T1-GE3
SI1416EDH-T1-GE3	SI1424EDH-T1-GE3	SI1427EDH-T1-GE3	SI1441EDH-T1-GE3	SI1442DH-T1-GE3
SI1443EDH-T1-GE3	SI1467DH-T1-E3	SI1467DH-T1-GE3	SI1469DH-T1-E3	SI1469DH-T1-GE3
SI1480BDH-T1-GE3	SI1480DH-T1-GE3	SI1499DH-T1-E3	SI1499DH-T1-GE3	SI1539CDL-T1-GE3
SI1539CDL-T1-GE3-D	SI1539CDL-T2-GE3	SI1553CDL-T1-GE3	SI1865DDL-T1-GE3	SI1869DH-T1-E3
SI1869DH-T1-GE3	SI1900DL-T1-E3	SI1900DL-T1-GE3	SI1902CDL-T1-GE3	SI1902DL-T1-E3
SI1902DL-T1-E3-Z	SI1902DL-T1-GE3	SI1922EDH-T1-GE3	SI1926DL-T1-E3	SI1926DL-T1-GE3
SI1965DH-T1-E3	SI1965DH-T1-GE3	SI1967DH-T1-E3	SI1967DH-T1-GE3	V30432-T1-GE3
V30439-T1-GE3	SI1012CR-T1-GE3	SI1012R-S6-GE3	SI1012R-T1-GE3	SI1013R-T1-GE3
SI1021R-T1-GE3	SI1022R-T1-GE3	SI1031R-T1-GE3	SI1032R-T1-GE3	SI1016CX-T1-GE3
SI1016X-T1-GE3	SI1023CX-T1-GE3	SI1023X-T1-GE3	SI1024X-T1-GE3	SI1024X-T1-GE3-Z
SI1025X-T1-GE3	SI1026X-T1-GE3	SI1029X-T1-GE3	SI1034CX-T1-GE3	SI1034X-T1-GE3
SI1035X-T1-GE3	SI1036X-T1-GE3	SI1040X-T1-GE3	SI1050X-T1-GE3	SI1070X-T1-GE3
SI1077X-T1-GE3	SI1078X-T1-GE3	SI1079X-T1-GE3	SI4038DY-T1-GE3	SI4190BDY-T1-GE3
SI4368DY-T1-GE3	SI4408DY-T1-GE3	SI4442DY-T1-GE3	SI4456DY-T1-GE3	SI4626ADY-T1-GE3
SI4634DY-T1-E3	SI4838DY-T1-GE3	SI4842BDY-T1-GE3	SI4866DY-T1-GE3	SI4176DY-T1-E3
SI4178DY-T1-E3	SI4228DY-T1-E3	SI4413ADY-T1-E3-Z	SI4413ADY-T1-GE3	SI4413DDY-T1-GE3-D
SI4435BDY-T1-GE3	SI4463CDY-T1-GE3-L	SI4534DY-T1-GE3	SI4804CDY-T1-E3	SI4848BDY-T1-GE3
SI4916DY-T1-E3	SI4936ADY-T1-GE3	SI4963BDY-T1-GE3	SI9634DY-T1-GE3	V30391-T1-E3
V30404-T1-GE3	SI2303CDS-T1-GE3-D	SI2304DDS-T1-GE3-D	SI2307BDS-T1-GE3	SI2312CDS-T1-GE3-D
SI2318CDS-T1-GE3-D	SI2319CDS-T1-GE3-D	SI2323DDS-T1-GE3-D	SI2333DDS-T1-GE3-Z	SI2343CDS-T1-GE3-D
SI2366DS-T1-GE3-L	SI2392BDS-T1-GE3	TN2404K-T1-E3-D	SIA429DJT-T1-GE3	SIA430DJT-T1-GE3
SIA430DJT-T4-GE3	SIA445EDJT-T1-GE3	SIA477EDJT-T1-GE3	SIA907EDJT-T1-GE3	SIA907EDJT-T4-GE3
SIA938DJT-T1-GE3	SI3443BDV-T1-GE3	SI3443CDV-T1-GE3	SI3453DV-T5-GE3	SI3457CDV-T1-GE3-D
SI3473DDV-T1-GE3	SI3493BDV-T1-E3-D	SI6415DQ-T1-E3	SI6415DQ-T1-GE3	SI6423ADQ-T1-GE3
SI6423DQ-T1-E3	SI6423DQ-T1-GE3	SI6562CDQ-T1-GE3	SI6913DQ-T1-E3	SI6913DQ-T1-GE3
SI6926ADQ-T1-E3	SI6926ADQ-T1-GE3	SI6954ADQ-T1-E3	SI6954ADQ-T1-GE3	SI6968BEDQ-T1-E3
SI6968BEDQ-T1-GE3				