



Product Change Notification



Product Group: SIL/Thu Jul 1, 2021/PCN-SIL-001-2021-REV-0

Additional Commercial Power MOSFET Wafer Fabrication Capacity

DESCRIPTION OF CHANGE: To meet increasing demand for Power MOSFET products, Vishay Siliconix is in the process of transfer of wafer fabrication on commercial 650M SG Low Voltage MOSFET products to foundry partner Tower Semiconductor.

Tower Semiconductor has been a subcontracting partner of Vishay Siliconix since 1995. Founded in 1993, Tower Semiconductor is a worldwide supplier for foundry services of wafer manufacturing. Tower Semiconductor is located at Migdal Haemek, Israel, and has achieved ISO-9001, ISO41001 and TS6949 certifications.

REASON FOR CHANGE: Capacity Expansion

EXPECTED INFLUENCE ON QUALITY/RELIABILITY/PERFORMANCE: There will be no effect on quality, reliability, and/or performance. There will be no changes in minimum and maximum values on the datasheets.

PART NUMBERS/SERIES/FAMILIES AFFECTED: Please see materials list on the succeeding page.

VISHAY BRAND(s): Vishay Siliconix

TIME SCHEDULE:

Start Shipment Date: Fri Oct 1, 2021

SAMPLE AVAILABILITY: Please contact your regional Vishay Sales office for sample availability

PRODUCT IDENTIFICATION: Commercial Low Voltage MOSFET products containing Tower die will have "K" in the 4th character location

QUALIFICATION DATA: Qualification data will be available upon completion of transfer qualification testing

This PCN is considered approved, without further notification, unless we receive specific customer concerns before Thu Sep 30, 2021 or as specified by contract.

ISSUED BY: Michael Hsieh, Michael.Hsieh@vishay.com

For further information, please contact your regional Vishay office.

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Vishay Intertechnology, Inc.

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



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SIDR402DP-T1-GE3	SIDR402DP-T1-RE3	SIJ150DP-T1-GE3	SIJ438ADP-T1-GE3	SIJA52ADP-T1-GE3
SIJA58ADP-T1-GE3	SIJA72ADP-T1-GE3	SIJA74DP-T1-GE3	SIR150DP-T1-RE3	SIR608DP-T1-RE3
SiR638ADP-T1-RE3	SIRA50ADP-T1-RE3	SIRA52ADP-T1-RE3	SIRA58ADP-T1-RE3	SIRA74DP-T1-GE3
SISS10ADN-T1-GE3	SISS50DN-T1-GE3	SIZ240DT-T1-GE3	SUM40012EL-GE3	SUM40014M-GE3
SUP40012EL-GE3				

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CLASSIFICATION OF CHANGE(S): Wafer/Chip/Pellet Site

REASON FOR CHANGE: Capacity Expansion

EXPECTED INFLUENCE ON QUALITY/RELIABILITY/PERFORMANCE: There will be no effect on quality, reliability, and/or performance. There will be no changes in minimum and maximum values on the datasheets.

PRODUCT CATEGORY: Low Voltage Commercial Power MOSFET

PART NUMBERS/SERIES/FAMILIES AFFECTED: Please see page 2 of this PCN

VISHAY BRAND(S): Vishay-Siliconix

TIME SCHEDULE: Shipments of products with wafers manufactured at Tower Semiconductor will begin in October 2021

SAMPLE AVAILABILITY: Please contact your regional Vishay Sales office for sample availability.

PRODUCT IDENTIFICATION: Commercial Low Voltage MOSFET products containing Tower die will have "K" in the 4th character location

QUALIFICATION DATA: Qualification data will be available upon completion of transfer qualification testing

This PCN is considered approved, without further notification, unless we receive specific customer concerns before September 30th, 2021 as specified by contract.

ISSUED BY: Michael Hsieh, Vishay Siliconix, Product Marketing Manager

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PCN-SIL-001-2021 Affected Parts List:

SN	Affected Part Number
1	SIDR402DP-T1-GE3
2	SIDR402DP-T1-RE3
3	SIJ150DP-T1-GE3
4	SIJ438ADP-T1-GE3
5	SIJA52ADP-T1-GE3
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7	SIJA72ADP-T1-GE3
8	SIJA74DP-T1-GE3
9	SIR150DP-T1-RE3
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15	SIRA74DP-T1-GE3
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