



Product Change Notification



Product Group: Vishay Siliconix / July 1st, 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.

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

E-mail address: Michael.Hsieh@Vishay.com

ORIGINATOR: Hoan Vu, Manager, Product Engineering

E-mail address: Hoan.Vu@vishay.com

For further information, please contact your regional Vishay office.

The Americas

Vishay Americas
2585 Junction Avenue
San Jose, Ca 95134
T: 408-988-8000
F: 408-567-8942

Europe

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

Asia

Vishay Intertechnology Asia Pte. Ltd
37A Tampines Street 92
#07-00 Keppel Building
Singapore 528886
T: 65-6788-6668
F: 65-6788-0988

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

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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
6	SIJA58ADP-T1-GE3
7	SIJA72ADP-T1-GE3
8	SIJA74DP-T1-GE3
9	SIR150DP-T1-RE3
10	SIR608DP-T1-RE3
11	SiR638ADP-T1-RE3
12	SIRA50ADP-T1-RE3
13	SIRA52ADP-T1-RE3
14	SIRA58ADP-T1-RE3
15	SIRA74DP-T1-GE3
16	SISS10ADN-T1-GE3
17	SISS50DN-T1-GE3
18	SIZ240DT-T1-GE3
19	SUM40012EL-GE3
20	SUM40014M-GE3
21	SUP40012EL-GE3

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