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Product Change Notification



Product Group: SIL/Fri Dec 1, 2023/PCN-SIL-044-2023-REV-1

Vishay Siliconix Additional Automotive MOSFET Wafer Fab and Backend Capacity - SQ7414CENW

For further information, please contact your regional Vishay office.

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Description of Change: In order to increase capacity to support business growth on select parts, Vishay is approving a new fabrication facility, Tower Semiconductor San Antonio (TSSA) located in San Antonio, TX ("_JE3" suffix). TSSA has been a subcontracting partner of Vishay Siliconix since 1995, manufacturing Vishay's commercial power MOSFETs. Founded in 1993, TSSA (formerly TowerJazz) is a worldwide supplier for wafer manufacturing foundry services. TSSA's fabrication facility in San Antonio, TX has achieved ISO-9001, ISO41001, and TS16949 certifications, Vishay Siliconix has been manufacturing commercial power MOSFETs using the 300M cell technology at this location since 2017.

In addition, we will also offer a version with assembly and test at our facility in Kaohsiung also utilizing the wafers from TSSA fab ("_JB3" suffix) in Q2 2024.

Note: This is revision 1 of original PCN to correct part number in title.

Reason for Change: Capacity expansion

Expected Influence on Quality/Reliability/Performance: None

Part Numbers/Series/Families Affected: SQ7414CENW-T1_GE3

Vishay Brand(S): Vishay Siliconix

Time Schedule:

Start Shipment Date: Fri Jun 7, 2024

Sample Availability: SQ7414CENW-T1_JE3 samples are available now

Product Identification: SQ7414CENW-T1_JE3 (TSSA Fab); SQ7414CENW-T1_JB3 (Tower Fab + Kaohsiung Backend)

Qualification Data: AEC Q101 qualification data of replacement product is available on request

This PCN is considered approved, without further notification, unless we receive specific customer concerns before Mon Jun 3, 2024 or as specified by contract.



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