



Product Change Notification



Product Group: Vishay Siliconix/Sep 22, 2014/PCN- SIL-0542014 Rev2

Fab Site Transfer

DESCRIPTION OF CHANGE: For the 45M cell products listed in this notification we are changing the Fab site from Santa Clara, California, USA and Global Foundries, Singapore to Vishay Siliconix Itzehoe GmbH (VSIG) located at Fraunhoferstraße 1, 25524 Itzehoe, Germany. VSIG has been an automotive Fab with ISO14001 and TS16949 certifications for more than 10 years.

No changes have been made to the silicon process technology, wafer test, assembly process and final test. ***Production of the affected part from Santa Clara Fab and Global Foundries will be terminated per the time schedule in this notification and last time buy orders must be received within the specified timeframe.***

CLASSIFICATION OF CHANGE: Fab Site Transfer

REASON FOR CHANGE: Closure of Santa Clara Fab and Global Foundries

EXPECTED INFLUENCE ON QUALITY/RELIABILITY/PERFORMANCE: None

PRODUCT CATEGORY: Automotive MOSFETs

VISHAY PART NUMBERS AFFECTED: Affected part numbers are listed on the following page

VISHAY BRAND(s): Vishay-Siliconix

QUALIFICATION DATA: All products listed in this notification are manufactured using 45M cell process technology which is AEC Q101 qualified. Please refer to the subsequent pages to see summary of qualification report for the lead 45M product from VSIG Fab. Qualification report for individual part type will be provided in PPAP and upon request.

SAMPLE AVAILABILITY: Schedule of availability of qualified samples from VSIG Fab is listed on following page. For samples, please email automos.pcn@Vishay.com with subject PCN-SIL-0542014 and include date by which samples are needed, required quantity and ship-to address.

TIME SCHEDULE: Last time buy orders are required by 31-Dec-2014 for parts manufactured at Global Foundries. For parts manufactured at Santa Clara Fab, last time buy order dates are listed for each part number on the following page. Last time ship dates are the same for both Global Foundries and Santa Clara Fab material.

ISSUED BY: Shishir Rai, Product Marketing Manager (E-mail: Shishir.Rai@Vishay.com)

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Vishay Intertechnology, Inc.

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VISHAY PART NUMBERS AFFECTED:

Affected Vishay Part Number	Qualified Sample Availability Month	Last Time Buy Date (for Santa Clara Fab only)	Last Time Ship Date
SQ4946DFFR	Available	30-Mar-15	30-Sep-15
SQ7414AEN-T1-GE3	Available	30-Mar-15	30-Sep-15
SQS460EN-T1-GE3	Available	30-Mar-15	30-Sep-15
SQJ456EP-T1-GE3	Available*	30-Mar-15	30-Sep-15
SQJ456EP-T2-GE3	Available*	30-Mar-15	30-Sep-15
SQM47N10-24L-GE3	Available*	30-Mar-15	30-Sep-15
SQD50N06-09L-GE3	Available*	30-Apr-15	30-Oct-15
SQD25N15-52-GE3	Mar-15*	30-May-15	30-Nov-15
SQD25N15-52-T4-GE3	Mar-15*	30-May-15	30-Nov-15
SQD50N05-11L-GE3	Available*	30-Jun-15	30-Dec-15
SQM40N15-38-GE3	Jan-15	30-Jun-15	30-Dec-15
SQS462EN-T1-GE3	Available*	30-Jun-15	30-Dec-15
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SQJ992EP-T1-GE3	Available*	30-Jun-15	30-Dec-15

* In Rev2, changed sample availability date

** In Rev2, removed SQ2328ES-T1-GE3 as it will be replaced by SQ2398ES-T1-GE3.

QUALIFICATION REPORT:

Qualification report for lead product SQM100N10-10-GE3 manufactured using 45M cell process technology (37M cell parts use same process as 45M cell technology) at VSIG Fab is provided in subsequent pages. Qualification report for the replacement parts listed above will be provided in PPAP and upon request.

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