



ASE as an Additional Assembly Site of TO-220 Additional Commercial Power Mosfets

DESCRIPTION OF CHANGE: This PCN provides notice of additional parts that are to be added to the approved parts list for assembly at Advanced Semiconductor Engineering (ASE) plant located in Weihai, China. This facility has been qualified as an additional assembly facility for TO-220, MOSFET devices by Vishay-Siliconix in May 2014 (ref PCN-SIL-0102014). The additional parts can be found on page 2 of this document.

ASE Weihai has provided world-class total manufacturing services since Q1 2008, and has received international quality systems and environmental compliance certifications TS16949, ISO9001, ISO14001 and OSHAS 18001.

This facility will join the current Vishay-Siliconix qualified facilities, in providing additional capacity for MOSFETs built in the TO-220 package. The manufacturing process to be used in ASE will be similar to that used in the Xi'an facility. No electrical changes in the device are expected.

CLASSIFICATION OF CHANGE: Manufacturing Expansion

REASON FOR CHANGE: Increased capacity, additional source.

EXPECTED INFLUENCE ON QUALITY/RELIABILITY/PERFORMANCE: None

PRODUCT CATEGORY: MOSFET

PART NUMBERS/SERIES/FAMILIES AFFECTED: Refer to list of active part numbers included with this PCN

VISHAY BRAND(s): Vishay-Siliconix

TIME SCHEDULE: Shipment of production volumes will begin February 10, 2015.

SAMPLE AVAILABILITY: Please refer to the list below for the parts that will be built for sampling to customers. Please contact your regional Vishay Sales office for sample ordering.

PRODUCT IDENTIFICATION: TO-220 products manufactured in ASE will have part marking in the form of **N52K** where the **N** is the factory designator for ASE.

QUALIFICATION DATA: Please contact your local sales office for a copy of the qualification report.

This PCN is considered approved, without further notification, unless we receive specific customer concerns before February 10, 2015 or as specified by contract.

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Product Change Notification



Product Group: Vishay Siliconix/November 12, 2014/PCN-SIL-0992014 Rev 0

Affected Parts

Part Number				
IRF640PBF	IRF740APBF	IRF740PBF	IRF840LCPBF	IRF9640PBF
IRF644PBF	IRF740LCPBF	IRF840APBF	IRF840PBF	SIHP12N50C-E3

Samples

The following parts are planned to be built for sampling:

Part Number			
IRF640PBF	IRF740PBF	IRF840PBF	IRF9640PBF

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