



Qualification of ASE as an Additional Assembly Site of DPAK Commercial Power Mosfets

DESCRIPTION OF CHANGE: Vishay Siliconix would like to announce the approval of Advanced Semiconductor Engineering (ASE) plant located in Weihai, China as an additional assembly facility for DPAK, MOSFET devices.

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 DPAK 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 August 23, 2014.

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: DPAK products manufactured in ASE will have part marking in the form of **N46K** 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 August 23, 2014 or as specified by contract.

ISSUED BY: Don Larson, Vishay Siliconix, Technical Marketing Manager.
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Product Change Notification



Product Group: Vishay Siliconix/May 23, 2014/PCN-SIL-0692014 Rev 0

Affected Parts

Part Number				
IRFR010PBF	IRFR210PBF	IRFR310TRLPBF	IRFR9110TRLPBF	IRLR120TRPBF
IRFR010TRLPBF	IRFR210TRLPBF	IRFR310TRPBF	IRFR9110TRPBF	IRLR120TRRPBF
IRFR010TRPBF	IRFR210TRPBF	IRFR420APBF	IRFR9210PBF	SIHD3N50D-E3
IRFR014PBF	IRFR210TRRPBF	IRFR420ATRLPBF	IRFR9210TRLPBF	SIHD3N50D-GE3
IRFR014TRLPBF	IRFR214PBF	IRFR420ATRPBF	IRFR9210TRPBF	SIHFR014TR-GE3
IRFR014TRPBF	IRFR214TRLPBF	IRFR420PBF	IRFR9214PBF	SIHFR110TR-GE3
IRFR110PBF	IRFR214TRPBF	IRFR420TRLPBF	IRFR9214TRLPBF	SIHFR120TR-GE3
IRFR110TRLPBF	IRFR214TRRPBF	IRFR420TRPBF	IRFR9214TRPBF	SIHFR1N60ATRL-GE3
IRFR110TRPBF	IRFR220PBF	IRFR420TRRPBF	IRLR014PBF	SIHFR214-GE3
IRFR120PBF	IRFR220TRLPBF	IRFR9010PBF	IRLR014TRLPBF	SIHFR214TRL-GE3
IRFR120TRLPBF	IRFR220TRPBF	IRFR9010TRLPBF	IRLR014TRPBF	SIHFR310TR-GE3
IRFR120TRPBF	IRFR220TRRPBF	IRFR9010TRPBF	IRLR110PBF	SIHFR9014TR-GE3
IRFR120TRRPBF	IRFR224PBF	IRFR9014PBF	IRLR110TRLPBF	SIHFR9110TR-GE3
IRFR1N60APBF	IRFR224TRLPBF	IRFR9014TRLPBF	IRLR110TRPBF	SIHFR9214-GE3
IRFR1N60ATRLPBF	IRFR224TRPBF	IRFR9014TRPBF	IRLR120PBF	
IRFR1N60ATRPBF	IRFR310PBF	IRFR9110PBF	IRLR120TRLPBF	

Samples

The following parts are planned to be built for sampling:

Part Number
IRFR420TRPBF
IRFR210TRPBF
IRFR9014TRPBF
IRFR9210TRPBF
IRFR310TRPBF
IRFR120TRPBF

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