Qualification of ASE as an Additional Assembly Site of IPAK Commercial High Voltage Power Mosfets

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

ASE has been a leading backend manufacturing company since 2003; The Weihai facility has provided world-class total manufacturing services for discrete MOSFETs since 2008. Vishay-Siliconix has been a partner with the ASE Weihai facility since 2013. This qualification now adds the IPAK to other Vishay Siliconix commercial Power MOSFET packages supplied by ASE such as TO220, DPAK and SOT223. The manufacturing process to be used in ASE is similar to that used in the Vishay Xi'an facility from which this package is currently manufactured.

ASE has received international quality systems and environmental compliance certifications including TS16949, ISO9001, ISO14001 and OSHAS 18001.

CLASSIFICATION OF CHANGE: Manufacturing Expansion

REASON FOR CHANGE: Additional assembly and test capacity.

EXPECTED INFLUENCE ON QUALITY/RELIABILTY/PERFORMANCE: None

PRODUCT CATAGORY: Commercial High Voltage Power MOSFETs

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 January 20, 2017.

SAMPLE AVAILABILITY: Samples will be built per request. Please contact your regional Vishay Sales office for sample ordering.

PRODUCT IDENTIFICATION: IPAK products manufactured in ASE will have part marking in the form of **N71K** 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 January 20, 2017 or as specified by contract.

ISSUED BY: Don Larson, Vishay Siliconix, Technical Marketing Manager.
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For further information, please contact your regional Vishay office.

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Affected Parts

IRFU014PBF	IRFU9024PBF	SIHFU210-GE3	SIHFU9220-GE3
IRFU024PBF	IRFU9110PBF	SIHFU214-GE3	SIHFU9310-GE3
IRFU110PBF	IRFU9120PBF	SIHFU220-GE3	SIHFUC20-GE3
IRFU120PBF	IRFU9210PBF	SIHFU224-GE3	SIHLU014-GE3
IRFU1N60APBF	IRFU9214PBF	SIHFU310-GE3	SIHLU024-GE3
IRFU210PBF	IRFU9220PBF	SIHFU320-GE3	SIHLU110-GE3
IRFU214PBF	IRFU9310PBF	SIHFU420A-GE3	SIHLU120-GE3
IRFU220PBF	IRFUC20PBF	SIHFU420-GE3	SIHU3N50DA-GE3
IRFU224PBF	IRLU014PBF	SIHFU430A-GE3	SIHU3N50D-E3
IRFU310PBF	IRLU024PBF	SIHFU9010-GE3	SIHU3N50D-GE3
IRFU320PBF	IRLU110PBF	SIHFU9014-GE3	SIHU5N50D-E3
IRFU420APBF	SIHFU014-GE3	SIHFU9020-GE3	SIHU5N50D-GE3
IRFU420PBF	SIHFU020-GE3	SIHFU9024-GE3	SIHU6N62E-GE3
IRFU430APBF	SIHFU024-GE3	SIHFU9110-GE3	SIHU6N65E-GE3
IRFU9010PBF	SIHFU110-GE3	SIHFU9120-GE3	SIHU7N60E-E3
IRFU9014PBF	SIHFU120-GE3	SIHFU9210-GE3	SIHU7N60E-GE3
IRFU9020PBF	SIHFU1N60A-GE3	SIHFU9214-GE3	