



Product Change Notification



Product Group: Vishay Siliconix/August 10, 2012/PCN-SIL-0362012 Rev

Qualification of Vishay Siliconix Automated Plating Line at Xian, China.

DESCRIPTION OF CHANGE: As part of our continual quality improvement process, Vishay Siliconix has completed the qualification of a fully automated plating line for High Voltage TO-247, Super TO-247 and TO-220 Fullpack products produced in our Xian, China facility. This plating line will replace the older existing Solder Dip process. The process will not affect the dimensions of the leads; therefore, no change in the Package Outline Drawing (POD) will be necessary. The result will be improved consistency of production and minimized handling. It will also standardize Xian plating technology with our other manufacturing facilities.

REASON FOR CHANGE: Quality improvement and expansion of production flow for increased manufacturing capacity.

EXPECTED INFLUENCE ON QUALITY/RELIABILITY/PERFORMANCE: There will be no effect on the reliability or the performance of Vishay Siliconix products. There will be no changes to the data sheets or package outline drawing.

PRODUCT CATEGORY: MOSFETs

PART NUMBERS/SERIES/FAMILIES AFFECTED: Refer to parts list below.

VISHAY BRAND(s): Vishay Siliconix

TIME SCHEDULE: Shipments of Products plated at the Vishay Siliconix Xian facility will begin in November 2012.

SAMPLE AVAILABILITY: The 7 parts listed in the following table have been selected as a representative group for sampling. Samples of these are planned to be available for sampling in WW37.

<u>TO247</u>	<u>Fullpak - 220</u>	<u>SuperTO247</u>
IRFP064PBF	94-3173PBF	IRFPS37N50APBF
IRFP460PBF	94-4017	IRFPS43N50KPBF
	94-5852PBF	

For sample requests, please send requests to: don.larson@vishay.com. Include in the message which of the 7 parts are needed, quantity, and shipping information.

PRODUCT IDENTIFICATION: Production material will be identified by lots with date codes after Y46K. Lots with tin-plating can also be identified with leads having dull silver finish instead of bright silver finish.

QUALIFICATION DATA: Qualification data will be provided on request.

ISSUED BY: Don Larson, Vishay Siliconix, Technical Marketing Manager. E-mail address: don.larson@Vishay.com

For further information, please contact your regional Vishay office.

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PCN SIL-0362012 Part Number List

94-3173PBF	IRFI9540GPBF	IRFIZ24GPBF	IRFP048RPBF	IRFP350	IRFPC60PBF
94-3247	IRFI9610GPBF	IRFIZ34GPBF	IRFP054PBF	IRFP350LCPBF	IRFPE30
94-4017	IRFI9620G	IRFIZ44GPBF	IRFP064	IRFP350PBF	IRFPE30PBF
94-5852PBF	IRFI9620GPBF	IRFIZ48GPBF	IRFP064PBF	IRFP360	IRFPE40PBF
IRFI510GPBF	IRFI9630GPBF	IRLI520G	IRFP140	IRFP360LC	IRFPE50
IRFI520GPBF	IRFI9634G	IRLI530GPBF	IRFP140PBF	IRFP360LCPBF	IRFPE50PBF
IRFI530GPBF	IRFI9634GPBF	IRLI540GPBF	IRFP150	IRFP360PBF	IRFPF30PBF
IRFI540G	IRFI9640GPBF	IRLI630GPBF	IRFP150PBF	IRFP440	IRFPF40PBF
IRFI540GPBF	IRFI9Z14GPBF	IRLI640GPBF	IRFP17N50LPBF	IRFP440PBF	IRFPF50
IRFI620G	IRFI9Z24G	IRLIZ14GPBF	IRFP21N60LPBF	IRFP448	IRFPF50PBF
IRFI620GPBF	IRFI9Z24GPBF	IRLIZ34GPBF	IRFP22N50APBF	IRFP448PBF	IRFPG30
IRFI630GPBF	IRFI9Z34G	IRLIZ44GPBF	IRFP22N60KPBF	IRFP450	IRFPG30PBF
IRFI634GPBF	IRFI9Z34GPBF	SIHF12N50C-E3	IRFP23N50L	IRFP450APBF	IRFPG40PBF
IRFI640G	IRFIB5N65A	SIHF12N60E-E3	IRFP23N50LPBF	IRFP450LC	IRFPG50
IRFI640GPBF	IRFIB5N65APBF	SIHF15N60E-E3	IRFP240	IRFP450LCPBF	IRFPG50PBF
IRFI644G	IRFIB6N60A	SIHF16N50C-E3	IRFP240PBF	IRFP450PBF	SIHG16N50C-E3
IRFI644GPBF	IRFIB6N60APBF	SIHF22N60E-E3	IRFP244PBF	IRFP460	SIHG17N60D-E3
IRFI720G	IRFIB7N50APBF	SIHF22N60S-E3	IRFP250	IRFP460APBF	SIHG17N60D-GE3
IRFI720GPBF	IRFIBC20GPBF	SIHF30N60E-E3	IRFP250PBF	IRFP460BPBF	SIHG20N50C-E3
IRFI730GPBF	IRFIBC30G	SIHF5N50D-E3	IRFP254	IRFP460LC	SIHG22N60E-E3
IRFI740G	IRFIBC30GPBF	SIHF7N60E-E3	IRFP254PBF	IRFP460LCPBF	SIHG22N60E-GE3
IRFI740GLCPBF	IRFIBC40G	SIHF8N50D-E3	IRFP260	IRFP460PBF	SIHG22N60S-E3
IRFI740GPBF	IRFIBC40GLCPBF	SIHF8N50L-E3	IRFP260PBF	IRFP9140	SIHG24N65E-E3
IRFI820G	IRFIBC40GPBF	IRFPS37N50APBF	IRFP264	IRFP9140PBF	SIHG24N65E-GE3
IRFI820GPBF	IRFIBE20G	IRFPS38N60L	IRFP264PBF	IRFP9240	SIHG25N40D-GE3
IRFI830GPBF	IRFIBE20GPBF	IRFPS38N60LPBF	IRFP26N60L	IRFP9240PBF	SIHG30N60E-E3
IRFI840G	IRFIBE30GPBF	IRFPS40N50L	IRFP26N60LPBF	IRFPC40	SIHG30N60E-GE3
IRFI840GLC	IRFIBF20G	IRFPS40N50LPBF	IRFP27N60K	IRFPC40PBF	SIHG460B-GE3
IRFI840GLCPBF	IRFIBF20GPBF	IRFPS40N60KPBF	IRFP27N60KPBF	IRFPC50APBF	SIHG47N60E-E3
IRFI840GPBF	IRFIBF30G	IRFPS43N50K	IRFP31N50LPBF	IRFPC50LCPBF	SIHG47N60E-GE3
IRFI9520G	IRFIBF30GPBF	IRFPS43N50KPBF	IRFP32N50K	IRFPC50PBF	SIHG47N60S-E3
IRFI9520GPBF	IRFIZ14G	94-1730	IRFP32N50KPBF	IRFPC60	SIHG73N60E-E3
IRFI9530G	IRFIZ14GPBF	94-2574PBF	IRFP340	IRFPC60LC	SIHG73N60E-GE3
IRFI9530GPBF	IRFIZ24G	IRFP048PBF	IRFP340PBF	IRFPC60LCPBF	V961-0007-E3
IRFI9540G					

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