

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/RELIABILTY/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 CATAGORY: 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.

TO247	<u>Fullpak - 220</u>	SuperTO247
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.

Contact Information

The Americas	Europe	Asia
Vishay Americas	Vishay Electronic GmbH	Vishay Intertechnology Asia Pte. Ltd
2201 Laurelwood Rd	Geheimrat-Rosenthal-Strasse 100	25 Tampines Street 92
Santa Clara, Ca 95054	D-95100	#02-00 Keppel Building
T: 408-988-8000	Selb, Germany	Singapore 52887
F: 408-567-8942	T: 49-9287-71 0	T: 65-6780-7838
	F: 49-9287-70435	F: 65-6780-7791

Vishay Intertechnology, Inc.



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PCN SIL-0362012 Part Number List

94-3247 IRFI9610GPBF IRFI234GPBF IRFP640PBF IRFP350LCBF IRFP650PBF 94-4017 IRFI9620G IRFI244GPBF IRFP640PBF IRFP350LCBF IRFP650PBF 94-8852PBF IRFI9620GPBF IRFI244GPBF IRFP640PBF IRFP660 IRFP660PBF IRFI660GPBF IRFI9630GPBF IRRIGAGPBF IRFP660PBF IRFP660CPBF IRFI9630GPBF IRRIGAGPBF IRRIGA	0.4.0470DDE	IDEI05400DDE	IDEI70 (ODDE	10500 400005	IDEDOS	IDEDOCODDE
94-4017 IRFI9620G IRFIZ440PBF IRFP064 IRFP350PBF IRFP30PBF 94-5852PBF IRFI9620GPBF IRFIZ48GPBF IRFP064PBF IRFP360 IRFP40PBF IRFI510GPBF IRFI9630GPBF IRLI520G IRFP140 IRFP360LC IRFPE50PBF IRFI520GPBF IRFI9630GPBF IRLI530GPBF IRFP140PBF IRFP360LCPBF IRFP50PBF IRF1620GBF IRFI9630GPBF IRLI540GPBF IRFP150DBF IRFP360PBF IRFP30PBF IRF1640GBF IRF19640GPBF IRLI640GPBF IRFP150DBF IRFP440PBF IRFP40PBF IRF1620G IRF19214GPBF IRLI640GPBF IRFP150DBF IRFP440PBF IRFP50PBF IRF1620G IRF19224GPBF IRLI244GPBF IRFP21N60LPBF IRFP448 IRFP50PBF IRF1620G IRF19234G IRLI244GPBF IRFP22N50APBF IRFP448 IRFP50DBF IRF1630GPBF IRF19234G IRLI244GPBF IRFP23N50LPBF IRFP450PBF IRFP630 IRF1640GPBF IRF19234GPBF SIH-12N50C-E3 IRFP23N50LPBF IRFP450PBF IRFP640P	94-3173PBF	IRFI9540GPBF	IRFIZ24GPBF	IRFP048RPBF	IRFP350	IRFPC60PBF
94-5852PBF IRFI9620GPBF IRFI248GPBF IRFP064PBF IRF9360 IRFP44PBF IRFI510GPBF IRFI9630GPBF IRLI520G IRFP140 IRF9360LC IRFP550 IRFI520GPBF IRFI9630GPBF IRLI530GPBF IRRP140PBF IRF9360LCPBF IRFP560PBF IRF1540GPBF IRF19640GPBF IRLI540GPBF IRFP150DBF IRF940PBF IRFP160PBF IRF1640GPBF IRF19640GPBF IRF19640GPBF IRFP40PBF IRFP40PBF IRFP40PBF IRF1620GBF IRF19640GPBF IRF19640GPBF IRFP40PBF IRFP40PBF IRFP40PBF IRF1620G IRF19224G IRL124GPBF IRFP21N00LPBF IRFP448 IRFP60PBF IRF1620GBF IRF19224G IRL1234GPBF IRFP21N00LPBF IRFP448 IRFP60PBF IRF1620GPBF IRF19234G IRL1234GPBF IRF22N00PBF IRFP450 IRFP630 IRF1634GPBF IRF19234GPBF IRL1234GPBF IRFP22N00FBF IRFP450 IRFP630PBF IRF1640GBF IRF186N50A SIHF12N50C-E3 IRF23N50LPBF IRFP450LPBF IRFP450L						
IRFI610GPBF	94-4017	IRFI9620G	IRFIZ44GPBF	IRFP064		IRFPE30PBF
IRF1620GPBF	94-5852PBF	IRFI9620GPBF	IRFIZ48GPBF	IRFP064PBF	IRFP360	IRFPE40PBF
IRFI630GPBF	IRFI510GPBF	IRFI9630GPBF	IRLI520G	IRFP140	IRFP360LC	IRFPE50
IRFI540G IRFI9640GPBF IRLI630GPBF IRFP150PBF IRFP440 IRFP40PBF IRFI540GPBF IRFI9Z14GPBF IRLI640GPBF IRFP17N50LPBF IRFP440PBF IRFP50 IRF1620G IRF19Z24G IRLIZ14GPBF IRFP21N60LPBF IRFP448 IRFP50PBF IRF1620GPBF IRF19Z24GPBF IRF19Z2N50APBF IRFP448PBF IRFP330 IRF1630GPBF IRF18Z34G IRLIZ44GPBF IRF922N60KPBF IRFP450 IRFP330PBF IRF1630GPBF IRF18Z34GPBF IRF18Z3AGDBF IRFP23N50L IRFP450APBF IRFP30PBF IRF1640G IRF18SN65A SIHF12N60E-E3 IRFP23N50LPBF IRFP450LC IRFPG50 IRF1640GPBF IRF1BSN65APBF SIHF15N60E-E3 IRFP240 IRFP450LCPBF IRFPG50 IRF1644GPBF IRF186N60A SIHF16N50C-E3 IRFP240PBF IRFP450LCPBF SIHG16N50C-E3 IRF1720G IRF186N60APBF SIHF22N60E-E3 IRFP240PBF IRFP460 SIHG17N60D-E3 IRF1720GPBF IRF18C20GPBF SIHF22N60E-E3 IRFP250 IRFP460LPBF SIHG20N50C-E3<	IRFI520GPBF	IRFI9634G	IRLI530GPBF	IRFP140PBF	IRFP360LCPBF	IRFPE50PBF
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IRFI620G	IRFI540G	IRFI9640GPBF	IRLI630GPBF	IRFP150PBF	IRFP440	IRFPF40PBF
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IRFI740G IRFIBC30GPBF SIHF7N60E-E3 IRFP254PBF IRFP460LCPBF SIHG22N60E-GE3 IRF1740GLCPBF IRFIBC40G SIHF8N50D-E3 IRFP260 IRFP460PBF SIHG22N60S-E3 IRF1740GPBF IRFIBC40GLCPBF SIHF8N50L-E3 IRFP260PBF IRFP9140 SIHG24N65E-E3 IRF1820G IRFIBC40GPBF IRFPS37N50APBF IRFP264 IRFP9140PBF SIHG24N65E-GE3 IRF1820GPBF IRFIBE20G IRFPS38N60L IRFP264PBF IRFP9240 SIHG25N40D-GE3 IRF1830GPBF IRFIBE20GPBF IRFPS38N60LPBF IRFP26N60L IRFP9240PBF SIHG30N60E-E3 IRF1840G IRFIBE30GPBF IRFPS40N50L IRFP26N60LPBF IRFPC40 SIHG30N60E-GE3 IRF1840GLC IRFIBF20G IRFPS40N50LPBF IRFP27N60K IRFPC50APBF SIHG47N60E-E3 IRF1840GPBF IRFIBF30G IRFPS43N50K IRFP31N50LPBF IRFPC50LCPBF SIHG47N60E-GE3 IRF19520G IRFIBF343N50KPBF IRFP32N50K IRFPC50PBF SIHG47N60E-E3 IRF19520GPBF IRFIZ14G 94-1730 IRFP32N50KPBF <td< td=""><td>IRFI720GPBF</td><td>IRFIBC20GPBF</td><td>SIHF30N60E-E3</td><td>IRFP250PBF</td><td>IRFP460BPBF</td><td>SIHG20N50C-E3</td></td<>	IRFI720GPBF	IRFIBC20GPBF	SIHF30N60E-E3	IRFP250PBF	IRFP460BPBF	SIHG20N50C-E3
IRFI740GLCPBF IRFIBC40G SIHF8N50D-E3 IRFP260 IRFP460PBF SIHG22N60S-E3 IRF1740GPBF IRFIBC40GLCPBF SIHF8N50L-E3 IRFP260PBF IRFP9140 SIHG24N65E-E3 IRF1820G IRFIBC40GPBF IRFPS37N50APBF IRFP264 IRFP9140PBF SIHG24N65E-GE3 IRF1820GPBF IRFIBE20G IRFPS38N60L IRFP264PBF IRFP9240 SIHG25N40D-GE3 IRF1830GPBF IRFIBE20GPBF IRFPS38N60LPBF IRFP26N60L IRFP9240PBF SIHG30N60E-E3 IRF1840G IRFIBE30GPBF IRFPS40N50L IRFP26N60LPBF IRFPC40 SIHG30N60E-GE3 IRF1840GLC IRFIBF20G IRFPS40N50LPBF IRFP27N60K IRFPC40PBF SIHG460B-GE3 IRF1840GLCPBF IRFIBF30G IRFPS43N50K IRFP27N60KPBF IRFPC50APBF SIHG47N60E-E3 IRF1840GPBF IRFB30GPBF IRFPS43N50K IRFP31N50LPBF IRFPC50LCPBF SIHG47N60E-GE3 IRF19520G IRFIBF30GPBF IRFPS43N50KPBF IRFP32N50KPBF IRFPC60LC SIHG73N60E-E3 IRF19520GPBF IRFIZ14GPBF 94-2574PBF	IRFI730GPBF	IRFIBC30G	SIHF5N50D-E3	IRFP254	IRFP460LC	SIHG22N60E-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 IRFIBF30G IRFPS43N50K IRFP27N60KPBF IRFPC50APBF SIHG47N60E-E3 IRFI9520G IRFIBF30GPBF IRFPS43N50KPBF IRFP31N50LPBF IRFPC50LCPBF SIHG47N60E-GE3 IRFI9520GPBF IRFIZ14G 94-1730 IRFP32N50KPBF IRFPC60LC SIHG73N60E-GE3 IRFI9530G IRFIZ14GPBF 94-2574PBF IRFP340 IRFPC60LC SIHG73N60E-GE3	IRFI740G	IRFIBC30GPBF	SIHF7N60E-E3	IRFP254PBF	IRFP460LCPBF	SIHG22N60E-GE3
IRF1820G IRF1BC40GPBF IRFPS37N50APBF IRFP264 IRFP9140PBF SIHG24N65E-GE3 IRF1820GPBF IRFIBE20G IRFPS38N60L IRFP264PBF IRFP9240 SIHG25N40D-GE3 IRF1830GPBF IRFIBE20GPBF IRFPS38N60LPBF IRFP26N60L IRFP9240PBF SIHG30N60E-E3 IRF1840G IRFIBE30GPBF IRFPS40N50L IRFP26N60LPBF IRFPC40 SIHG30N60E-GE3 IRF1840GLC IRFIBF20G IRFPS40N50LPBF IRFP27N60K IRFPC40PBF SIHG460B-GE3 IRF1840GLCPBF IRFIBF20GPBF IRFPS40N60KPBF IRFP27N60KPBF IRFPC50APBF SIHG47N60E-E3 IRF1840GPBF IRFIBF30G IRFPS43N50K IRFP31N50LPBF IRFPC50LCPBF SIHG47N60E-GE3 IRF19520G IRFIBF30GPBF IRFPS43N50KPBF IRFP32N50K IRFPC50PBF SIHG47N60E-E3 IRF19520GPBF IRFIZ14G 94-1730 IRFP32N50KPBF IRFPC60LC SIHG73N60E-GE3 IRF19530G IRFIZ14GPBF 94-2574PBF IRFP340 IRFPC60LC SIHG73N60E-GE3	IRFI740GLCPBF	IRFIBC40G	SIHF8N50D-E3	IRFP260	IRFP460PBF	SIHG22N60S-E3
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 IRFPC60LC SIHG73N60E-GE3 IRFI9530G IRFIZ14GPBF 94-2574PBF IRFP340 IRFPC60LC SIHG73N60E-GE3	IRFI740GPBF	IRFIBC40GLCPBF	SIHF8N50L-E3	IRFP260PBF	IRFP9140	SIHG24N65E-E3
IRFI830GPBF IRFIBE20GPBF IRFPS38N60LPBF IRFP26N60L IRFP9240PBF SIHG30N60E-E3 IRF1840G IRFIBE30GPBF IRFPS40N50L IRFP26N60LPBF IRFPC40 SIHG30N60E-GE3 IRF1840GLC IRFIBF20G IRFPS40N50LPBF IRFP27N60K IRFPC40PBF SIHG460B-GE3 IRF1840GLCPBF IRFIBF20GPBF IRFPS40N60KPBF IRFP27N60KPBF IRFPC50APBF SIHG47N60E-E3 IRF1840GPBF IRFIBF30G IRFPS43N50K IRFP31N50LPBF IRFPC50LCPBF SIHG47N60E-GE3 IRF19520G IRFIBF30GPBF IRFPS43N50KPBF IRFP32N50K IRFPC50PBF SIHG47N60S-E3 IRF19520GPBF IRFIZ14G 94-1730 IRFP32N50KPBF IRFPC60 SIHG73N60E-E3 IRF19530G IRFIZ14GPBF 94-2574PBF IRFP340 IRFPC60LC SIHG73N60E-GE3	IRFI820G	IRFIBC40GPBF	IRFPS37N50APBF	IRFP264	IRFP9140PBF	SIHG24N65E-GE3
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 IRFPC60LC SIHG73N60E-E3 IRFI9530G IRFIZ14GPBF 94-2574PBF IRFP340 IRFPC60LC SIHG73N60E-GE3	IRFI820GPBF	IRFIBE20G	IRFPS38N60L	IRFP264PBF	IRFP9240	SIHG25N40D-GE3
IRF1840GLC IRFIBF20G IRFPS40N50LPBF IRFP27N60K IRFPC40PBF SIHG460B-GE3 IRF1840GLCPBF IRFIBF20GPBF IRFPS40N60KPBF IRFP27N60KPBF IRFPC50APBF SIHG47N60E-E3 IRF1840GPBF IRFIBF30G IRFPS43N50K IRFP31N50LPBF IRFPC50LCPBF SIHG47N60E-GE3 IRF19520G IRFIBF30GPBF IRFPS43N50KPBF IRFP32N50K IRFPC50PBF SIHG47N60S-E3 IRF19520GPBF IRFIZ14G 94-1730 IRFP32N50KPBF IRFPC60 SIHG73N60E-E3 IRF19530G IRFIZ14GPBF 94-2574PBF IRFP340 IRFPC60LC SIHG73N60E-GE3	IRFI830GPBF	IRFIBE20GPBF	IRFPS38N60LPBF	IRFP26N60L	IRFP9240PBF	SIHG30N60E-E3
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	IRFI840G	IRFIBE30GPBF	IRFPS40N50L	IRFP26N60LPBF	IRFPC40	SIHG30N60E-GE3
IRFI840GPBF IRFIBF30G IRFPS43N50K IRFP31N50LPBF IRFPC50LCPBF SIHG47N60E-GE3 IRF19520G IRFIBF30GPBF IRFPS43N50KPBF IRFP32N50K IRFPC50PBF SIHG47N60S-E3 IRF19520GPBF IRFIZ14G 94-1730 IRFP32N50KPBF IRFPC60 SIHG73N60E-E3 IRF19530G IRFIZ14GPBF 94-2574PBF IRFP340 IRFPC60LC SIHG73N60E-GE3	IRFI840GLC	IRFIBF20G	IRFPS40N50LPBF	IRFP27N60K	IRFPC40PBF	SIHG460B-GE3
IRFI840GPBF IRFIBF30G IRFPS43N50K IRFP31N50LPBF IRFPC50LCPBF SIHG47N60E-GE3 IRF19520G IRFIBF30GPBF IRFPS43N50KPBF IRFP32N50K IRFPC50PBF SIHG47N60S-E3 IRF19520GPBF IRFIZ14G 94-1730 IRFP32N50KPBF IRFPC60 SIHG73N60E-E3 IRF19530G IRFIZ14GPBF 94-2574PBF IRFP340 IRFPC60LC SIHG73N60E-GE3	IRFI840GLCPBF	IRFIBF20GPBF	IRFPS40N60KPBF	IRFP27N60KPBF	IRFPC50APBF	SIHG47N60E-E3
IRFI9520GPBF IRFIZ14G 94-1730 IRFP32N50KPBF IRFPC60 SIHG73N60E-E3 IRFI9530G IRFIZ14GPBF 94-2574PBF IRFP340 IRFPC60LC SIHG73N60E-GE3		IRFIBF30G	IRFPS43N50K			
IRFI9520GPBF IRFIZ14G 94-1730 IRFP32N50KPBF IRFPC60 SIHG73N60E-E3 IRFI9530G IRFIZ14GPBF 94-2574PBF IRFP340 IRFPC60LC SIHG73N60E-GE3			IRFPS43N50KPBF	IRFP32N50K	IRFPC50PBF	
IRFI9530G IRFIZ14GPBF 94-2574PBF IRFP340 IRFPC60LC SIHG73N60E-GE3				IRFP32N50KPBF	IRFPC60	
			94-2574PBF		IRFPC60LC	
IRFI9540G						