



Obsolescence of Sn-Pb Lead Finish on Commercial High Voltage Power Mosfets

DESCRIPTION OF CHANGE: Vishay Siliconix announces the end of life of several commercial High Voltage Power MOSFET products that have Sn-Pb lead finish. For each Sn-Pb device listed, an equivalent part with pure Sn lead finish recommended replacement part is provided where available.

CLASSIFICATION OF CHANGE: Product Obsolescence

REASON FOR CHANGE: Obsolescence of Sn-Pb products.

EXPECTED INFLUENCE ON QUALITY/RELIABILITY/PERFORMANCE: None

PRODUCT CATEGORY: High Voltage MOSFET only

PART NUMBERS/SERIES/FAMILIES AFFECTED: Refer to list of part numbers included with this PCN on page 2 and page 3.

VISHAY BRAND(s): Vishay-Siliconix

TIME SCHEDULE: Last time buy orders must be received by November 20, 2015, Last Time Shipments must be completed by May 20, 2016. All Last Time Buy orders are NCNR (No Cancellations/No Returns).

SAMPLE AVAILABILITY: Many samples of replacement parts listed in the table below are available now. Please contact your regional Vishay Sales office for sample ordering.

QUALIFICATION DATA: N/A.

This PCN is considered approved, without further notification, unless we receive specific customer concerns before November 20, 2015 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 20, 2015/PCN-SIL-0182015 Rev 0

PCN-0182015 Parts List

Part Number	Recommended Replacement	Part Number	Recommended Replacement
TO-220		TO-220 (con't)	
94-2608	94-2608PBF	IRFB11N50A	IRFB11N50APBF
IRF510	IRF510PBF	IRFB9N60A	IRFB9N60APBF
IRF520	IRF520PBF	IRFBC20	IRFBC20PBF
IRF530	IRF530PBF	IRFBC30	IRFBC30PBF
IRF540	IRF540PBF	IRFBC30A	IRFBC30APBF
IRF610	IRF610PBF	IRFBC40	IRFBC40PBF
IRF620	IRF620PBF	IRFBE30	IRFBE30PBF
IRF630	IRF630PBF	IRFBF20	IRFBF20PBF
IRF640	IRF640PBF	IRFBG30	IRFBG30PBF
IRF644	IRF644PBF	IRFZ14	IRFZ14PBF
IRF710	IRF710PBF	IRFZ24	IRFZ24PBF
IRF720	IRF720PBF	IRFZ30	IRFZ30PBF
IRF730	IRF730PBF	IRFZ34	IRFZ34PBF
IRF740	IRF740PBF	IRFZ40	IRFZ40PBF
IRF740A	IRF740APBF	IRFZ44	IRFZ44PBF
IRF820	IRF820PBF	IRL510	IRL510PBF
IRF830	IRF830PBF	IRL520	IRL520PBF
IRF840	IRF840PBF	IRL530	IRL530PBF
IRF840A	IRF840APBF	IRL540	IRL540PBF
IRF9510	IRF9510PBF	IRL620	IRL620PBF
IRF9520	IRF9520PBF	IRL630	IRL630PBF
IRF9530	IRF9530PBF	IRL640	IRL640PBF
IRF9540	IRF9540PBF	IRLZ14	IRLZ14PBF
IRF9610	IRF9610PBF	IRLZ34	IRLZ34PBF
IRF9620	IRF9620PBF	IRLZ44	IRLZ44PBF
IRF9630	IRF9630PBF	TO-220 FullPak	
IRF9640	IRF9640PBF	94-4017	IRFI644GPBF
IRF9Z30	IRF9Z30PBF	IRFI510G	IRFI510GPBF
IRF9Z34	IRF9Z34PBF		

Vishay Intertechnology, Inc.

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ONE OF THE WORLD'S LARGEST MANUFACTURERS OF DISCRETE SEMICONDUCTORS AND PASSIVE COMPONENT

Procedure #



Product Change Notification



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PCN-0182015 Parts List (con't)

Part Number	Recommended Replacement	Part Number	Recommended Replacement
TO-220 FullPak (con't)		TO-247 (con't)	
IRFI540G	IRFI540GPBF	IRFP448	IRFP448PBF
IRFI640G	IRFI640GPBF	IRFP450	IRFP450PBF
IRFI644G	IRFI644GPBF	IRFP450A	IRFP450APBF
IRFI720G	IRFI720GPBF	IRFP450LC	IRFP450LCPBF
IRFI840G	IRFI840GPBF	IRFP460	IRFP460PBF
IRFI840GLC	IRFI840GLCPBF	IRFP460A	IRFP460APBF
IRFI9530G	IRFI9530GPBF	IRFP9140	IRFP9140PBF
IRFI9540G	IRFI9540GPBF	IRFP9240	IRFP9240PBF
IRFI9634G	IRFI9634GPBF	IRFPC40	IRFPC40PBF
IRFI9Z24G	IRFI9Z24GPBF	IRFPE50	IRFPE50PBF
IRFI9Z34G	IRFI9Z34GPBF	Super TO-247	
IRFIB5N65A	IRFIB5N65APBF	IRFPS43N50K	IRFPS43N50KPBF
IRFIBC30G	IRFIBC30GPBF	HVMDIP	
IRLI520G	IRLI520GPBF	IRFD020	IRFD020PBF
TO-247		IRFD110	IRFD110PBF
IRFP054	IRFP054PBF	IRFD113	IRFD113PBF
IRFP064	IRFP064PBF	IRFD120	IRFD120PBF
IRFP140	IRFP140PBF	IRFD213	No Replacement
IRFP150	IRFP150PBF	IRFD220	IRFD220PBF
IRFP23N50L	IRFP23N50LPBF	IRFD9024	IRFD9024PBF
IRFP240	IRFP240PBF	IRFD9110	IRFD9110PBF
IRFP244	IRFP244PBF	IRFD9113	No Replacement
IRFP250	IRFP250PBF	IRFD9120	IRFD9120PBF
IRFP254	IRFP254PBF	IRFD9123	IRFD9123PBF
IRFP264	IRFP264PBF	IRLD014	IRLD014PBF
IRFP350	IRFP350PBF	IRLD024	IRLD024PBF
IRFP360	IRFP360PBF	IRLD110	IRLD110PBF
IRFP440	IRFP440PBF	IRLD120	IRLD120PBF

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