


# PRODUCT CHANGE NOTICE

1. TITLE <b>G5, Si Junction Coat, Addition</b>		2. DOCUMENT NUMBER <b>FV5-C-17-0003</b>										
		3. DATE <b>December 12, 2016</b>										
4. MANUFACTURER AND ADDRESS <b>International Rectifier 205 Crawford Street Leominster, MA 01453</b>		5. MANUFACTURER PART NUMBER <b>See below for IR Part Numbers</b>										
		6. BASE PART <b>NA</b>										
		7. NATIONAL STOCK NUMBER (NSN) <b>NA</b>										
8. CAGE <b>69210</b>	9. EFFECTIVE DATE <b>December 12, 2016</b>	10. GOVERNMENT NUMBER <b>NA</b>										
11. POINT OF CONTACT <b>Manufacturer's Representative or Customer Service Representative (978) 534-5776</b>		12. DRAWING NUMBER <b>NA</b>										
		13. SPECIFICATION NUMBER <b>MIL-PRF-19500</b>										
14. PRODUCT CHANGE  This GIDEP PCN is to announce the addition of Toshiba XE13-B9144 (33-0275-06B) die junction coat to the following International Rectifier G5 commercial MOSFET devices.  <table border="1"> <thead> <tr> <th><u>Part #</u></th> <th><u>Description</u></th> </tr> </thead> <tbody> <tr> <td>IRF5M5210</td> <td>100V Single P-Channel Hi-Rel MOSFET in a TO-254AA package</td> </tr> <tr> <td>IRF5N5210</td> <td>100V Single P-Channel Hi-Rel MOSFET in a SMD-1 package</td> </tr> <tr> <td>IRF5Y6215CM</td> <td>150V Single P-Channel Hi-Rel MOSFET in a TO-257AA package</td> </tr> <tr> <td>IRF5NJ6215</td> <td>150V Single P-Channel Hi-Rel MOSFET in a SMD-0.5 package</td> </tr> </tbody> </table> Impact of Change: No effect to form, fit, or function. Additional package weight of less than 3mg.  Qualification: As this process is qualified on higher voltage products, qualification is not required per MIL-PRF-19500.			<u>Part #</u>	<u>Description</u>	IRF5M5210	100V Single P-Channel Hi-Rel MOSFET in a TO-254AA package	IRF5N5210	100V Single P-Channel Hi-Rel MOSFET in a SMD-1 package	IRF5Y6215CM	150V Single P-Channel Hi-Rel MOSFET in a TO-257AA package	IRF5NJ6215	150V Single P-Channel Hi-Rel MOSFET in a SMD-0.5 package
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16. APPROVING GOVERNMENT ACTIVITY												
17. GIDEP REPRESENTATIVE <b>Paul Hebert</b>	18. SIGNATURE 	19. DATE <b>December 12, 2016</b>										