

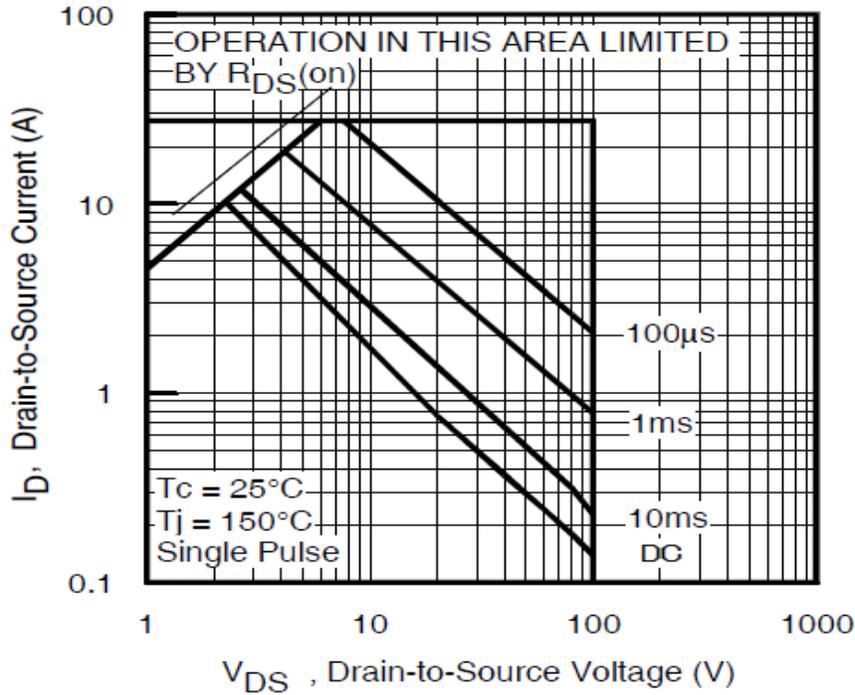
# PRODUCT CHANGE NOTICE

1. TITLE <b>IR RADHard™ Power MOSFET / Performance Correction</b>		2. DOCUMENT NUMBER <b>FV5-C-12-001</b>
		3. DATE <b>December 19, 2011</b>
4. MANUFACTURER AND ADDRESS <b>International Rectifier</b>  <b>205 Crawford Street</b> <b>Leominster, MA 01453</b>		5. MANUFACTURER PART NUMBER <b>IRHNM57110, IRHNM53110, IRHNMC57110,</b> <b>IRHNMC53110</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 19, 2011</b>	10. GOVERNMENT NUMBER <b>NA</b>
11. POINT OF CONTACT <b>Manufacturer's Representative or</b> <b>Customer Service Representative (978) 534-5776</b>		12. DRAWING NUMBER <b>NA</b>
		13. SPECIFICATION NUMBER <b>MIL-PRF-19500</b>
14. PRODUCT CHANGE  <p>This GIDEP PCN is to announce a specification change/correction of the SOA (Safe Operating Area) curve for the RADHard™ 100V, N-Channel Power MOSFET, IRHNM57110 base product, referenced in IR datasheet No. PD-97192. The change/correction to the SOA curve is made to match the performance that is specified in the equivalent MIL-PRF-19500/743B QPL datasheet. The original IR datasheet was rated at a higher SOA target than the QPL /743. Additional derating was added in QPL /743 for guardbanding.</p>  <p><b>SMD-0.2</b></p> <p><b>SOA (Safe Operating Area):</b> Refer to attached curves in Addendum A herein for change/correction detail.</p>		
15. APPROVAL DATE	16. APPROVING GOVERNMENT ACTIVITY	
17. GIDEP REPRESENTATIVE <b>Paul Hebert</b>	18. SIGNATURE 	19. DATE <b>December 19, 2011</b>

ADDENDUM A  
**Safe Operating Area Curves**

**IRHNM57110 / IRHNM53110 / IRHNMC57110 / IRHNMC53110**

**From**



**To**

