



# PRODUCT CHANGE NOTICE

1. TITLE <b>IRHLG77214, IRHLG73214 Specification Update</b>		2. DOCUMENT NUMBER <b>FV5-C-16-0015</b>
		3. DATE <b>January 27, 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 Number</b>
		6. BASE PART <b>NA</b>
		7. NATIONAL STOCK NUMBER (NSN) <b>NA</b>
8. CAGE <b>69210</b>	9. EFFECTIVE DATE <b>January 27, 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 specifications update with the datasheet parameters for the following International Rectifier Part No  <b>IRHLG77214, IRHLG73214 (2N7614M1)</b> 250V 100kRad Hi-Rel Quad N-Channel TID Hardened MOSFET in a MO-036AB package    <b>Electrical Characteristics For Each N-Channel Device @ Tj = 25°C</b>  Change Turn-Off Delay Time maximum limit <i>from 35ns to 43ns</i>  Change td(off) test conditions <i>from VDD = 125V, ID = 0.8A, VGS = 4.5V, RG = 7.5Ω to VDD = 125V, ID = 0.8A, VGS = 5.0V, RG = 7.5Ω</i>  <b>Table 1. Electrical Characteristics @ Tj = 25°C, Post Total Dose Irradiation (Per Die)</b>  Change RDS(on) Static Drain-to-Source On-State Resistance <i>to (TO3) maximum limit = 0.88Ω with VGS = 4.5V, ID=2.1A</i>  Reference: IR Datasheet PD-97339		
		16. APPROVING GOVERNMENT ACTIVITY
17. GIDEP REPRESENTATIVE <b>Paul Hebert</b>	18. SIGNATURE 	19. DATE <b>January 27, 2016</b>