



# PRODUCT CHANGE NOTICE

1. TITLE <b>IRHMJ7250, Radiation Test (TID) Specification Change</b>		2. DOCUMENT NUMBER <b>FV5-C-17-0042</b>
		3. DATE <b>September 18, 2017</b>
4. MANUFACTURER AND ADDRESS <b>International Rectifier HiRel Products, Inc 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>September 18, 2017</b>	10. GOVERNMENT NUMBER <b>NA</b>
11. POINT OF CONTACT <b>Manufacturer's Representative or Account Specialist (978) 534-5776</b>		12. DRAWING NUMBER <b>NA</b>
		13. SPECIFICATION NUMBER <b>MIL-PRF-19500/603</b>
14. PRODUCT CHANGE This GIDEP PCN is to announce a change in the Radiation Test (TID) specifications for the following part number. Datasheet change to match MIL-PRF-19500/603 TID test limits.  <b>IRHMJ7250 [MIL-PRF-19500/603]</b> 200V, Single N-Channel TID Hardened MOSFET in a TO-254AA tabless package    RADIATION CHARACTERISTICS CHANGE: Table 1 Electrical Characteristics @ Tj = 25°C, Post Total Dose Irradiation  Total dose range and RDS(on) Static Drain-to-Source On-State Resistance (TO-3) -Change up to 600K Rads(Si) to 100K Rads(Si), and RDS(on) from 0.094 ohm to 0.10 ohm maximum -Change 1000K Rads(Si) to 300K - 1000K Rads(Si), and RDS(on) from 0.149 ohm to 0.155 ohm maximum  Reference Datasheet PD-96914		
16. APPROVING GOVERNMENT ACTIVITY		
17. GIDEP REPRESENTATIVE <b>Paul Hebert</b>	18. SIGNATURE 	19. DATE <b>September 18, 2017</b>