


# PRODUCT CHANGE NOTICE

1. TITLE <b>IRHY57130CM, Radiation Test (TID) Specification Change</b>		2. DOCUMENT NUMBER <b>FV5-C-17-0036</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-19500/702</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-19500/702 TID test limits.  <b>IRHY57130CM [MIL-PRF-19500/702]</b> 100V, Single N-Channel TID Hardened MOSFET in a TO-257AA package.  RADIATION CHARACTERISTICS CHANGE: Table 1 Electrical Characteristics @ Tj = 25°C, Post Total Dose Irradiation  RDS(on) Static Drain-to-Source On-State Resistance (TO-3) -For Up to 500K Rads(Si), change from 0.074 ohm to 0.07 ohm maximum -For 1000K Rads(Si), change from 0.09 ohm to 0.085 ohm maximum  RDS(on) Static Drain-to-Source On-State Resistance (TO-257AA) -For Up to 500K Rads(Si), change from 0.064 ohm to 0.07 ohm maximum  Reference Datasheet PD-93826		
16. APPROVING GOVERNMENT ACTIVITY		
17. GIDEP REPRESENTATIVE <b>Paul Hebert</b>	18. SIGNATURE 	19. DATE <b>September 18, 2017</b>

