



# PRODUCT CHANGE NOTICE

1. TITLE <b>IRHNJ57230SE Electrical Characteristics</b>		2. DOCUMENT NUMBER <b>FV5-C-18-0082</b>
		3. DATE <b>August 2, 2018</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>August 2, 2018</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-19500/704</b>
14. PRODUCT CHANGE  This GIDEP PCN is to announce specifications change with the datasheet parameters for the following International Rectifier Part No. Note that this change is related to part specification only, and not due to a die physical change.  <b>IRHNJ57230SE (2N7486U3)</b> 200V, N-Channel, TID Hardened MOSFET in a SMD-0.5 package    SOURCE-DRAIN DIODE RATINGS AND CHARACTERISTICS trr [Reverse Recovery Time], change test condition V <sub>DD</sub> from ≤ 25V to V <sub>DD</sub> ≤ 50V  RADIATION CHARACTERISTICS CHANGE: Table 1 Electrical Characteristics @ T <sub>j</sub> = 25°C, Post Total Dose Irradiation I <sub>DSS</sub> [Zero Gate Voltage Drain Current], change test condition V <sub>DS</sub> from 200V to 160V V <sub>SD</sub> [Diode Forward Voltage], change maximum limit from 1.3V to 1.2V Radiation Level, change /correct TID from 1000kRads (Si) to 100kRads (Si)  Reference Datasheet PD-93836		
16. APPROVING GOVERNMENT ACTIVITY		
17. GIDEP REPRESENTATIVE <b>Paul Hebert</b>	18. SIGNATURE 	19. DATE <b>August 2, 2018</b>