


# PRODUCT CHANGE NOTICE

1. TITLE <b>HFA45HC60C Electrical Characteristics</b>		2. DOCUMENT NUMBER <b>FV5-C-22-0003</b>
		3. DATE <b>September 24, 2021</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 24, 2021</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</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. This change serves to realign to new dynamic test equipment and capability employed.  <b>HFA45HC60C</b> 600V 45A Ultra-Fast Common Cathode Diode in a TO-258AA package  DYNAMIC RECOVERY CHARACTERISTICS @ T <sub>j</sub> = 25°C  T <sub>rr</sub> [Reverse Recovery Time]; 1) Change max limit from 37ns to 97ns and 2) Change Test Conditions from I <sub>F</sub> = 1.0A, V <sub>R</sub> = 30V to I <sub>F</sub> = 22A, V <sub>R</sub> = 200V  Reference: IR Datasheet PD-20368 for additional part identifier information.		
16. APPROVING GOVERNMENT ACTIVITY		
17. GIDEP REPRESENTATIVE <b>Paul Hebert</b>	18. SIGNATURE 	19. DATE <b>September 24, 2021</b>

