



PRODUCT CHANGE NOTICE

1. TITLE HFA45HI60C Electrical Characteristics		2. DOCUMENT NUMBER FV5-C-18-0034
		3. DATE March 20, 2018
4. MANUFACTURER AND ADDRESS International Rectifier HiRel Products, Inc 205 Crawford Street Leominster, MA 01453		5. MANUFACTURER PART NUMBER See below for IR Part Numbers
		6. BASE PART NA
		7. NATIONAL STOCK NUMBER (NSN) NA
8. CAGE 69210	9. EFFECTIVE DATE March 20, 2018	10. GOVERNMENT NUMBER NA
11. POINT OF CONTACT Manufacturer's Representative or Account Specialist (978) 534-5776		12. DRAWING NUMBER NA
		13. SPECIFICATION NUMBER MIL-PRF-19500
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. HFA45HI60C 600V, 45A, Ultra-Fast Common Cathode Diode in a TO-259AA package  Electrical Characteristics (Per Leg) @ T _J = 25°C (unless otherwise specified) Change V _{F1} [Forward Voltage] @ I _F =22A, from 1.7V to 1.47V Change V _{F2} [Forward Voltage] @ I _F =45A, from 2.0V to 1.81V Change V _{F3} [Forward Voltage] @ I _F =22A, from 1.5V to 1.37V @ T _J = 125°C Add V _{F4} [Forward Voltage] @ I _F =22A, to 1.37V @ T _J = -55°C Change C _T [Junction Capacitance], @ V _R =200V, from 100pF to 65pF Reference Datasheet PD-20380		
16. APPROVING GOVERNMENT ACTIVITY		
17. GIDEP REPRESENTATIVE Paul Hebert	18. SIGNATURE 	19. DATE March 20, 2018