



PRODUCT CHANGE NOTICE

1. TITLE Schottky Fab Change, 8CLJQ045		2. DOCUMENT NUMBER FV5-C-20-0020B
		3. DATE March 30, 2020
4. MANUFACTURER AND ADDRESS International Rectifier HiRel Products, Inc 205 Crawford Street Leominster, MA 01453		5. MANUFACTURER PART NUMBER See IR Part Number List Herein
		6. BASE PART NA
		7. NATIONAL STOCK NUMBER (NSN) NA
8. CAGE 69210	9. EFFECTIVE DATE February 2020	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 amendment has been issued to add information about a ESDS rating change. This amendment is complete. This GIDEP PCN is to announce the change and qualification of a new wafer fabrication source for the Schottky diode parts listed below. IR HiRel has successfully re-qualified the product in accordance with MIL-PRF-19500 (JANS) to ensure product interchangeability. 8CLJQ045 8.5A, 45V Schottky, Common Cathode Diode in a SMD-0.5 package  Change Schottky Source (Fab) -Change Fab from Vishay Intertechnology, Inc. (Italy) to Panjit Semiconductor (Taiwan) Part Identification Products built with die from Panjit Semiconductor will be marked with the date code prefix "P" in order to identify the wafer fab origin. Features Change ESDS Rating in accordance with MIL-STD-750, Method 1020 FROM: Class Non-Sensitive (No Designator Marking / Above 15,999 Volts) TO: Class 3B (Marking $\Delta\Delta\Delta B$ / 8,000 to 15,999 Volts) Reference Datasheet PD-91887 for additional part identifier information. IR HiRel (Infineon Technologies) remains fully committed to the business line and supporting our customers with the most reliable power semiconductor solutions.		
		16. APPROVING GOVERNMENT ACTIVITY
17. GIDEP REPRESENTATIVE Paul Hebert	18. SIGNATURE 	19. DATE February 20, 2020