



PRODUCT CHANGE NOTICE

1. TITLE IRFE9130 Electrical Characteristics		2. DOCUMENT NUMBER FV5-C-19-0012
		3. DATE December 6, 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 December 6, 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-19500/564
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 alignment with MIL-PRF-19500/564, and not due to a die physical change. IRFE9130 [2N6849U] -100V P-Channel Hi-Rel MOSFET in a 18-pin LCC package  ELECTRICAL CHARACTERISTICS @ Tj = 25°C RDS(on)2 [Static Drain-to-Source On-State Resistance], change max limit from 0.345Ω to 0.320Ω. Qg [Total Gate Charge], change max limit from 35nC to 34.8nC. Qgd [Gate-to-Drain ('Miller') Charge], change max limit from 23nC to 23.1nC. SOURCE-DRAIN DIODE RATINGS AND CHARACTERISTICS For trr [Reverse Recovery Time] and Qrr [Reverse Recovery Charge], change test condition VDD from -50V to -40V. Reference Datasheet PD-91716		
		16. APPROVING GOVERNMENT ACTIVITY
17. GIDEP REPRESENTATIVE Paul Hebert	18. SIGNATURE 	19. DATE December 6, 2018