


# PRODUCT CHANGE NOTICE

1. TITLE <b>IRFN140 Electrical Characteristics</b>		2. DOCUMENT NUMBER <b>FV5-C-19-0056</b>
		3. DATE <b>April 30, 2019</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>April 30, 2019</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-19500/596</b>
14. PRODUCT CHANGE  This GIDEP PCN is to announce specifications change (correction) 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>IRFN140 [2N7218U]</b> 100V Single N-Channel Hi-Rel MOSFET in a SMD-1 package  Electrical Characteristics @ T <sub>j</sub> = 25°C G <sub>fs</sub> [Forward Transconductance], change minimum limit from 9S to 9.1S Q <sub>gs</sub> [Gate-to-Source Charge], change maximum limit from 12nC to 16nC t <sub>d(on)</sub> [Turn-On Delay Time], change test condition I <sub>D</sub> from 28A to 20A t <sub>r</sub> [Rise Time], change test condition I <sub>D</sub> from 28A to 20A t <sub>d(off)</sub> [Turn-Off Delay Time], change test condition I <sub>D</sub> from 28A to 20A t <sub>f</sub> [Fall Time], change test condition I <sub>D</sub> from 28A to 20A  Reference: IR Datasheet PD-91546		
16. APPROVING GOVERNMENT ACTIVITY		
17. GIDEP REPRESENTATIVE <b>Paul Hebert</b>	18. SIGNATURE 	19. DATE <b>April 30, 2019</b>

