


# PRODUCT CHANGE NOTICE

1. TITLE <b>IRHMS597260, Switching Characteristics</b>		2. DOCUMENT NUMBER <b>FV5-C-15-0023</b>
		3. DATE <b>June 5, 2015</b>
4. MANUFACTURER AND ADDRESS <b>International Rectifier 205 Crawford Street Leominster, MA 01453</b>		5. MANUFACTURER PART NUMBER <b>See below for IR Part Number</b>
		6. BASE PART <b>NA</b>
		7. NATIONAL STOCK NUMBER (NSN) <b>NA</b>
8. CAGE <b>69210</b>	9. EFFECTIVE DATE <b>June 5, 2015</b>	10. GOVERNMENT NUMBER <b>NA</b>
11. POINT OF CONTACT <b>Manufacturer's Representative or Customer Service Representative (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 a change in the Switching characteristics for the following International Rectifier Part No  <b>IRHMS597260</b> -200V 100kRad Hi-Rel Single P-Channel TID Hardened MOSFET in a TO-254AA package  Change Electrical Characteristics @ Tj = 25°C with VDD = -100V, ID = -30A, VGS = -12V, RG = 1.20Ω  td(on) Turn-On Delay Time --from 50 to 35 ns td(off) Turn-Off Delay Time --from 190 to 100 ns tf Fall Time --from 175 to 100 ns  Update Table 2 Single Event Effect Safe Operating Area and Figure a graph with LET values.  Update Figure 8 Maximum Safe Operating Area graph and Figure 11 Maximum Effective Transient Thermal Impedance, Junction-to-Case graph to match the DLA QPL specifications of 19500/713.  Reference: IR Datasheet PD-94605		
		16. APPROVING GOVERNMENT ACTIVITY
17. GIDEP REPRESENTATIVE <b>Paul Hebert</b>	18. SIGNATURE 	19. DATE <b>June 5, 2015</b>

