


PRODUCT CHANGE NOTICE

1. TITLE IRHY67C30CM Test Characteristics		2. DOCUMENT NUMBER FV5-C-16-007
		3. DATE November 14, 2015
4. MANUFACTURER AND ADDRESS International Rectifier 205 Crawford Street Leominster, MA 01453		5. MANUFACTURER PART NUMBER See below for IR Part Number
		6. BASE PART NA
		7. NATIONAL STOCK NUMBER (NSN) NA
8. CAGE 69210	9. EFFECTIVE DATE November 14, 2015	10. GOVERNMENT NUMBER NA
11. POINT OF CONTACT Manufacturer's Representative or Customer Service Representative (978) 534-5776		12. DRAWING NUMBER NA
		13. SPECIFICATION NUMBER MIL-PRF-19500
14. PRODUCT CHANGE This GIDEP PCN is to announce a change in the electrical characteristics for the following International Rectifier Part No listed below. IRHY67C30CM (2N7599T3) 600V 100kRad Hi-Rel Single N-Channel TID Hardened MOSFET in a TO-257AA package Electrical Characteristics @ Tj = 25°C RDS(on) Static Drain-to-Source On-State Resistance @ VGS = 12V, ID = 2.1A, <i>Change from 3.0 Ω to 3.1Ω</i> Qg Total Gate Charge @ VGS = 12V, ID = 3.4A, VDS = 300V, <i>Change from 35nC to 52nC</i> Qgs Gate-to-Source Charge @ VGS = 12V, ID = 3.4A, VDS = 300V, <i>Change from 12nC to 14nC</i> Qgd Gate-to-Drain ('Miller') Charge @ VGS = 12V, ID = 3.4A, VDS = 300V, <i>Change from 15nC to 17nC</i> td(on) Turn-On Delay Time @ VDD = 300V, ID = 3.4A, VGS = 12V, RG = 7.5Ω, <i>Change from 18nS to 25nS</i> tr Rise Time @ VDD = 300V, ID = 3.4A, VGS = 12V, RG = 7.5Ω, <i>Change from 12nS to 17nS</i> td(off) Turn-Off Delay Time @ VDD = 300V, ID = 3.4A, VGS = 12V, RG = 7.5Ω, <i>Change from 36nS to 44nS</i> tf Fall Time @ VDD = 300V, ID = 3.4A, VGS = 12V, RG = 7.5Ω, <i>Change from 14nS to 17nS</i> Reference: IR Datasheet PD-95837		
16. APPROVING GOVERNMENT ACTIVITY		
17. GIDEP REPRESENTATIVE Paul Hebert	18. SIGNATURE 	19. DATE November 14, 2015

