


PRODUCT CHANGE NOTICE

1. TITLE IRHLYS77034CM, Datasheet Status Update		2. DOCUMENT NUMBER FV5-C-16-0009
		3. DATE November 27, 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 27, 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 changes in datasheet parameters and from Preliminary to Release status for the following International Rectifier Part No IRHLYS77034CM (2N7607T3) 60V 100kRad Hi-Rel Single N-Channel TID Hardened MOSFET in a Low-Ohmic TO-257AA package Electrical Characteristics @ Tj = 25°C -gfs Forward Transconductance Change test condition from VDS = 10V to VDS = 15V -Qgd Gate-to-Drain ('Miller') Charge Change Spec Limit from 13nC to 16nC -td(on) Turn-On Delay Time Change Spec Limit from 30 to 26ns -tr Rise Time Change Spec Limit from 7.0 to 110ns -tf Fall Time Change Spec Limit from 20 to 28ns Source-Drain Diode Ratings and Characteristics -trr Reverse Recovery Time Change Spec Limit from 200ns to 160ns Replace SEE Curve and SEE Table 2 Replace SOA Curve (Figure 13) a) Adjust the 10msec 48V SOA point. Change from 1.18Amps to 0.98A (50% Derating of the average Id current of 1.97A) b) Adjust the 10msec 60V SOA point. Change from 0.84Amps to 0.70A (50% Derating of the average Id current of 1.40A) Reference: IR Datasheet PD-97291		
		16. APPROVING GOVERNMENT ACTIVITY
17. GIDEP REPRESENTATIVE Paul Hebert	18. SIGNATURE 	19. DATE November 27, 2015

