


PRODUCT CHANGE NOTICE

1. TITLE IRHMS57Z60, Electrical Characteristics		2. DOCUMENT NUMBER FV5-C-15-0016
		3. DATE April 10, 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 April 10, 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 Characteristic for the N-Channel device of the following International Rectifier Part No. IRHMS57Z60 30V Single N-Channel TID Hardened MOSFET in a TO-254AA 1. Change RDS(on) Static Drain-to-Source On-State maximum limit from 0.0045 Ω to 0.0055 Ω @ VGS = 12V, ID = 45A and Tj = 25°C 2. Change RDS(on) Static Drain-to-Source On-State maximum limit for Post Total Dose Irradiation characteristics from 0.0045 Ω to 0.0055 Ω @ VGS = 12V, ID = 45A and Tj = 25°C for up to 600K Rads and from 0.0050 Ω to 0.0060 Ω @ VGS = 12V, ID = 45A and Tj = 25°C for up to 1,000K Rads 3. Update SOA graph IR Part Numbers: IRHMS57Z60 (100K Rads (Si) 0.0045 Ω 45A) IRHMS53Z60 (300K Rads (Si) 0.0045 Ω 45A) IRHMS54Z60 (600K Rads (Si) 0.0045 Ω 45A) IRHMS58Z60 (1000K Rads (Si) 0.0045 Ω 45A) Reference: IR Datasheet PD-96961		
		16. APPROVING GOVERNMENT ACTIVITY
17. GIDEP REPRESENTATIVE Paul Hebert	18. SIGNATURE 	19. DATE April 10, 2015

