This GIDEP PCN is to announce specifications update with the datasheet parameters for the following International Rectifier Part No

**IRHLG77214, IRHLG73214 (2N7614M1)**
250V 100kRad Hi-Rel Quad N-Channel TID Hardened MOSFET in a MO-036AB package

**Electrical Characteristics For Each N-Channel Device @ Tj = 25°C**

Change Turn-Off Delay Time maximum limit

from 35ns to 43ns

Change td(off) test conditions

$V_{DD} = 125V$, $I_D = 0.8A$, $V_{GS} = 4.5V$, $R_G = 7.5\Omega$ to $V_{DD} = 125V$, $I_D = 0.8A$, $V_{GS} = 5.0V$, $R_G = 7.5\Omega$

**Table 1. Electrical Characteristics @ Tj = 25°C, Post Total Dose Irradiation (Per Die)**

Change RDS(on) Static Drain-to-Source On-State Resistance
to (TO3) maximum limit = 0.88Ω with $V_{GS} = 4.5V$, $I_D=2.1A$

Reference: IR Datasheet PD-97339

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**GOVERNMENT - INDUSTRY DATA EXCHANGE PROGRAM**

**PRODUCT CHANGE NOTICE**

1. **TITLE**
   IRHLG77214, IRHLG73214 Specification Update

2. **DOCUMENT NUMBER**
   FV5-C-16-0015

3. **DATE**
   January 27, 2016

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**
   January 27, 2016

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**

16. **APPROVING GOVERNMENT ACTIVITY**
   Paul Hebert
   January 27, 2016