GOVERNMENT - INDUSTRY DATA EXCHANGE PROGRAM

PRODUCT CHANGE NOTICE

1. TITLE
IRHMS597260, Switching Characteristics

2. DOCUMENT NUMBER
FV5-C-15-0023

3. DATE
June 5, 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
June 5, 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 Switching characteristics for the following International Rectifier Part No

IRHMS597260
-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
Paul Hebert

18. SIGNATURE
[Signature]

19. DATE
June 5, 2015