

PRODUCT CHANGE NOTICE

1. TITLE 8CLJQ045, Datasheet Correction		2. DOCUMENT NUMBER FV5-C-16-0008
		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
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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 datasheet correction for the following International Rectifier Part No listed below.

8CLJQ045
8.0A 45V Hi-Rel Schottky Common Cathode Diode in a SMD-0.5 package



1. Absolute Maximum Ratings

IF(AV) Max. Average Forward Current @ 50% duty cycle rectangular waveform

Datasheet Correction:
From 8.5 A @ TC = 100 °C,
To 8.0 A @ TC = 106 °C

2. Replace Fig. 5 – Max. Allowable Case Temperature Vs. Average Forward Current

Old Fig. 5 graph showed rating per package with Rthjc = 1.86 °C/W.
New Fig. 5 graph shows rating per die with Rthjc = 3.73 °C/W.

Reference: IR Datasheet PD-91887

16. APPROVING GOVERNMENT ACTIVITY		
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17. GIDEP REPRESENTATIVE Paul Hebert	18. SIGNATURE 	19. DATE November 27, 2015
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