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