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**PRODUCT BULLETIN**  
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**03 Jun 2008**

**SUBJECT: ON Semiconductor Product Bulletin #16123**

**TITLE: Data Sheet Update for 1N5400-series Rectifier Devices**

**PROPOSED FIRST SHIP DATE: 03 Jun 2008**

**AFFECTED PRODUCT DIVISION: Automotive & Power Regulation Group**

**FOR ANY QUESTIONS CONCERNING THIS NOTIFICATION:**

Contact your local ON Semiconductor sales office or Mike Schager <mike.schager@onsemi.com>

**NOTIFICATION TYPE:**

ON Semiconductor considers this change approved. There is no change to form, fit, or function of the affected devices.

**DESCRIPTION AND PURPOSE:**

ON Semiconductor has updated the 1N5400-series data sheet with the following changes.

I<sub>fsm</sub> Rating Condition 8.3mS Single Half-Sine-Wave  
I<sub>fsm</sub> Curve T<sub>j</sub> = 25C

Operating Junction Temperature Range is changed to -65C to +150C

Hot I<sub>r</sub> Condition and Limit are changed to 100C and 50 micro amps

Figures 3 & 4 Current Derating Temperature changed to 150C



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**AFFECTED DEVICE LIST**

**PART**  
1N5400  
1N5400G  
1N5400RL  
1N5400RLG  
1N5401  
1N5401G  
1N5401RL  
1N5401RLG  
1N5402  
1N5402G  
1N5402RL  
1N5402RLG  
1N5404  
1N5404G  
1N5404RL  
1N5404RLG  
1N5406  
1N5406G  
1N5406RL  
1N5406RLG  
1N5407  
1N5407G  
1N5407RL  
1N5407RLG  
1N5408  
1N5408G  
1N5408RL  
1N5408RLG