



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.

Ifsm Rating Condition 8.3mS Single Half-Sine-Wave
Ifsm Curve $T_j = 25^\circ\text{C}$

Operating Junction Temperature Range is changed to -65°C to $+150^\circ\text{C}$

Hot Ir Condition and Limit are changed to 100°C and 50 micro amps

Figures 3 & 4 Current Derating Temperature changed to 150°C



Product Bulletin #16123

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