



FINAL PRODUCT/PROCESS CHANGE NOTIFICATIONGeneric Copy

27 Nov 2007**SUBJECT: ON Semiconductor Final Product/Process Change Notification #16071****TITLE: Final Notification of Qualification of Nantong-Fujitsu Microelectronics for Assembly/Test of TO-220AC Schottky & Ultrafast Rectifiers.****PROPOSED FIRST SHIP DATE: 27 Feb 2008****AFFECTED CHANGE CATEGORY(S): ON Semiconductor Assembly & Test Site****AFFECTED PRODUCT DIVISION(S): Automotive & Power Regulation Group****FOR ANY QUESTIONS CONCERNING THIS NOTIFICATION:**Contact your local ON Semiconductor Sales Office or Mike Schager <mike.schager@onsemi.com>**SAMPLES:** Contact your local ON Semiconductor Sales Office**ADDITIONAL RELIABILITY DATA:** AvailableContact your local ON Semiconductor Sales Office or Laura Rivers <laura.rivers@onsemi.com>**NOTIFICATION TYPE:**

Final Product/Process Change Notification (FPCN)

Final change notification sent to customers. FPCNs are issued at least 90 days prior to implementation of the change.

ON Semiconductor will consider this change approved unless specific conditions of acceptance are provided in writing within 30 days of receipt of this notice. To do so, contact your local ON Semiconductor Sales Office.

DESCRIPTION AND PURPOSE:

This is the FPCN to IPCN 16033 that announced the planned capacity expansion of ON Semiconductor's assembly and test operations of TO-220AC Discrete packaged products, currently built at the PSI Manila facility, to Nantong-Fujitsu's China facility. Upon the expiration of this FPCN, these Schottky & Ultrafast devices may be processed at either location. The Nantong-Fujitsu facility is currently used to manufacture ON's TO-220AB, I2PAK, & DPAK devices, and is ISO/TS 16949:2002 certified.

There are minor changes to ON Semiconductor case outline 221B-04:

F - Hole Diameter	3.73	maximum	to	4.09	maximum					
	3.845	3.837	3.834	3.836	3.841	3.837	3.830	3.827	3.832	3.830
J - Lead Thickness	0.46	minimum	to	0.36	minimum					
	0.393	0.394	0.392	0.394	0.395	0.394	0.392	0.397	0.396	0.394

**Final Product/Process Change Notification #16071****RELIABILITY DATA SUMMARY:**

Schottky MBR60H100CTG.
HTSL 150C, 1008 hrs 0/240
IOL Ta=25C, delta Tj=100C max, Ton=Toff=2 min, 8572 c 0/240
TC Ta=-65/+150C, 500 cycles 0/240
AC/PC 121C, 15psig, 100% RH, 96 hrs 0/240
Ultrafast MUR1660CTG
TC Ta=-65/+150C, 500 cycles 0/240

ELECTRICAL CHARACTERISTIC SUMMARY:

There are no changes in electrical characteristics; and product performance meets Data sheet specifications. Characterization data is available upon request.

CHANGED PART IDENTIFICATION:

Product from Nantong-Fujitsu will be identified by NF site code marking.

AFFECTED DEVICE LIST

BYW29-200G
BYW80-200G
MBR10100G
MBR1035G
MBR1045G
MBR1060G
MBR1080G
MBR1090G
MBR1635G
MBR1645G
MBR2515LG
MBR40250G
MBR735G
MBR745G
MSR1560G
MSR860G
MUR1510G
MUR1515G
MUR1520G
MUR1540G
MUR1560G
MUR550PFG
MUR805G
MUR8100EG
MUR810G
MUR815G
MUR820G
MUR840G
MUR860G
MUR880EG