



FINAL PRODUCT/PROCESS CHANGE NOTIFICATION

23-Sep-2008

SUBJECT: ON Semiconductor Final Product/Process Change Notification #16151

TITLE: Final Notification of Qualification of Gresham Wafer Fab for NLAS5223BMNR2G and NLAS5223BMUR2G

PROPOSED FIRST SHIP DATE: 23-Dec-2008

AFFECTED CHANGE CATEGORY(S): ON Semiconductor Wafer Fab Site

AFFECTED PRODUCT DIVISION(S): Analog Switches

FOR ANY QUESTIONS CONCERNING THIS NOTIFICATION:

Contact your local ON Semiconductor Sales Office or Kathleen Van Tyne <k.vantyne@onsemi.com>

SAMPLES: Contact your local ON Semiconductor Sales Office

ADDITIONAL RELIABILITY DATA: Available

Contact your local ON Semiconductor Sales Office or Matt Kas <Matt.Kas@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 Product Change Notice is the Final Notice of IPCN # 16137.

This Product Change Notice is to announce that ON Semiconductor is adding wafer fabrication capacity on their NLAS5223BMNR2G and NLAS5223BMUR2G devices. The ON Semiconductor Wafer Fab facility is located in Gresham, Oregon, which has been qualified for these devices. Device quality and reliability will continue to meet ON Semiconductors high standards.

**Final Product/Process Change Notification #16151****RELIABILITY DATA SUMMARY:****Reliability Test Results:**

Test	Conditions	Results
High Temp Op Life(HTOL)	150C/504hrs	0/240
Pre-Conditioning (PC)	MSL 1, 260C	0/240
PC + Autoclave (PC+AC)	121C/15psig/96hrs	0/240
PC + Unbiased HAST(PC+UHAST)	130C/85%RH/96hrs/No Bias	0/240
PC + Temp Cycle (PC+TC)	-65C/+150C/500 cyc	0/240
ESD	Human Body Model / Machine Model	0/9
Latch Up	Dynamic Latch Up	0/60
PC + SAT	MSL 1,260C Precond.	0/15
Electrical Distribution	ON Semi Spec	0/60

ELECTRICAL CHARACTERISTIC SUMMARY:

There is no change in electrical parametric performance. Characterization data is available upon request.

AFFECTED DEVICE LIST:

NLAS5223BMNR2G
NLAS5223BMUR2G