



FINAL PRODUCT/PROCESS CHANGE NOTIFICATION

05-May-2009

SUBJECT: ON Semiconductor Final Product/Process Change Notification #16263

TITLE: Final Notification of Transfer of Low Capacitance TVS (Transient Voltage Suppressor) products from ON Semiconductor COM1 Fab in Phoenix (USA) to ON Semiconductor FAB2 in Oudenaarde (Belgium)

PROPOSED FIRST SHIP DATE: 31-Aug-2009

AFFECTED CHANGE CATEGORY(S): ON Semiconductor Fab Site

AFFECTED PRODUCT DIVISION(S): Protection & Control Division

FOR ANY QUESTIONS CONCERNING THIS NOTIFICATION:

Contact your local ON Semiconductor Sales Office or contact Product Engineer Rob Jones
< rob.jones@onsemi.com >

SAMPLES: Contact Product Engineer Rob Jones < rob.jones@onsemi.com >

ADDITIONAL RELIABILITY DATA: Available

Contact your local ON Semiconductor Sales Office or Reliability/Quality Engineer 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 final notification announcing that ON Semiconductor is transferring Low Capacitance TVS products from ON Semiconductor COM1 Fab in Phoenix (USA) to ON Semiconductor FAB2 in Oudenaarde (Belgium). ON Semiconductor FAB2 is an internal factory that is TS16949 and ISO-14000 certified.



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RELIABILITY DATA SUMMARY:

Reliability Test Results:

Test:	Conditions:	Interval:	Results
HTRB	TA=150C, 80% Rated Voltage	1008 hrs	0/252
Precondition	MSL1 @ 260C , 3 X IR at 260 C		0/1008
Autoclave+PC	Ta=121C RH=100% ~15 psig	96 hrs	0/252
H3TRB+PC	Ta=85C RH=85% bias=80% rated V 100V Max	1008 hrs	0/252
IOL+PC	Ta=25C, Delta TJ = 100 C, Ton/off = 2 min.	15000 cyc	0/252
TC+PC	Ta= -65 C to 150 C	1000 cyc	0/252
DPA Per AECQ101, after 1000 cyc TC			0/6
DPA Per AECQ101, after 1008 hrs H3TRB			0/6
RSH	Ta=260C, 10 sec dwell		0/30

ELECTRICAL CHARACTERISTIC SUMMARY:

Available Upon Request.

CHANGED PART IDENTIFICATION:

Devices with date code marking of 9 or later may be sourced from either factory.

One Digit Monthly Date Coding Reference:

Odd Years

(Example: 04/05/09)

Jan	1
Feb	2
Mar	3
Apr	4
May	5
Jun	6
Jul	7
Aug	8
Sep	9
Oct	T
Nov	V
Dec	C

Even Years

(Example: 11/07/08)

Jan	E
Feb	F
Mar	H
Apr	J
May	K
Jun	L
Jul	N
Aug	P
Sep	U
Oct	X
Nov	Y
Dec	Z



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AFFECTED DEVICE LIST

NUP3112UPMUTAG
NUP4012PMUTAG
NUP4012PXV6T1G
NUP4212UPMUTAG
ESD11L5.0DT5G
ESD7L5.0DT5G
ESD7M5.0DT5G
ESD9L3.3ST5G
ESD9L5.0ST5G
ESD9L5.0ST5GH
ESD9M5.0ST5G
ESD9R3.3ST5G