



Subject: ON Semiconductor PRODUCT/PROCESS CHANGE NOTIFICATION 10041

TITLE: TRANSFER FROM BMC/BP4 TO TESLA OF ANALOG EPI82, 85, 92
DEVICES

EFFECTIVE DATE: 07-JAN-00

AFFECTED CHANGE CATEGORIES

Wafer Process

On Semi Fabrication Site

AFFECTED PRODUCT DIVISIONS

GENERAL PURPOSE PRO

ADDITIONAL RELIABILITY DATA: Available
Contact your local ON Semiconductor Sales Office.

Ref: RJJ930

SAMPLES: Contact Below
Contact your local ON Semiconductor Sales Office.

Ref: R23126@email.sps.mot.com

For any questions concerning this notification:
REFERENCE: RAY SURA PHONE: 480-413-4799

DISCLAIMER:

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.

GPCN FORMAT: CUSTOMER

DO NOT REPLY TO THIS MESSAGE.

PRODUCT/PROCESS CHANGE NOTIFICATION

ISSUE DATE: 29-Sep-1999

NOTIFICATION #:10041

EFFECTIVE DATE: 07-Jan-2000

ISSUING DIVISION:PHX-GPPD

DESCRIPTION AND PURPOSE

The On Semiconductor proactively is issuing this change to provide additional advance notice, along with consolidating PCNs for all devices on the bipolar Epi82, Epi85 & Epi92 Single Layer wafer process flows. The Tesla site in Rosnov, Czech Republic is being qualified to process additional standard Analog devices to meet growing business needs and additional capacity requirements. The Tesla site has been qualified for standard analog products since 1993 and is currently running high volume analog devices. There will be no change to the function of the devices. Device parameters will continue to meet all data book specifications and reliability continue to meet, or exceed ON Semiconductor standards. Several of the devices affected have sample availability dates after expiration of the PCN. Customers will have 30 days after the sample availability date to notify ON Semiconductor of any concerns regarding this change. In case customers require an extension beyond 30 days to evaluate samples, additional time will be made available upon formal request. Please notify your local sales representative for the samples you need as soon as possible; for your convenience the device sample availability list follows below.

<u>Device</u>	<u>Samples Availability</u>
MC33164DM-3R2	Jan '00
MC34164DM-3R2	Jan '00
MC33164DM-5R2	Jan '00
CA3059	Feb '00
LM239AD	Jan '00
LM239ADR2	Jan '00
LM239AN	Jan '00
LM339AD	Jan '00
LM339ADR2	Jan '00
LM339AN	Jan '00
LMW339A	Jan '00
SC239ADR2	Jan '00
LM393AN	Jan '00
LM348D	Jan '00
LM348DR2	Jan '00
MC4741CD	Jan '00
MC4741CDR2	Jan '00
MC4741CP	Jan '00
LM285D-1.2	Jan '00
LM285D-1.2R2	Jan '00
LM285Z-1.2	Jan '00
LM285Z-1.2RA	Jan '00
LM385BD-1.2	Jan '00
LM385BD-1.2R2	Jan '00
LM385BZ-1.2	Jan '00
LM385BZ-1.2RA	Jan '00
LM385D-1.2	Jan '00
LM385D-1.2R2	Jan '00
LM385Z-1.2	Jan '00
LM385Z-1.2RA	Jan '00
LM385Z-1.2RP	Jan '00
LMW385-1.2	Jan '00
LM285D-2.5	Jan '00
LM285D-2.5R2	Jan '00
LM285Z-2.5	Jan '00

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LM285Z-2.5RA	Jan '00
LM285Z-2.5RP	Jan '00
LM385BD-2.5	Jan '00
LM385BD-2.5R2	Jan '00
LM385BZ-2.5	Jan '00
LM385BZ-2.5RA	Jan '00
LM385D-2.5	Jan '00
LM385D-2.5R2	Jan '00
LM385Z-2.5	Jan '00
LM385Z-2.5RP	Jan '00
LSC1176D	Jan '00
LSC1176DR2	Jan '00
FMC33164D-5R2	Jan '00
MC33164D-005	Jan '00
MC33164D-5R2	Jan '00
MC33164P-005	Jan '00
MC33164P-5RA	Jan '00
MC33164P-5RP	Jan '00
SC74883PRA	Jan '00
TYA33164D-5R2	Jan '00
TYA33164P-5RP	Jan '00
FMC33164D-3R2	Jan '00
MC33164D-003	Jan '00
MC33164D-3R2	Jan '00
MC33164P-003	Jan '00
MC33164P-3RA	Jan '00
MC33164P-3RP	Jan '00
MC34164D-003	Jan '00
MC34164D-3R2	Jan '00
MC34164P-003	Jan '00
MC34164P-3RP	Jan '00
MC34164D-005	Jan '00
MC34164D-5R2	Jan '00
MC34164P-005	Jan '00
MC34164P-5RA	Jan '00
MC34164P-5RP	Jan '00
MCW34164-005	Jan '00
MC1455BD	Jan '00
MC1455BDR2	Jan '00
MC1455BP1	Jan '00
MC1455D	Jan '00
MC1455DR2	Jan '00
MC1455P1	Jan '00
MCW1455	Jan '00
MC14C89ABD	Feb '00
MC14C89ABDR2	Feb '00
MC14C89ABP	Feb '00
MC1458CD	Jan '00
MC1458CDR2	Jan '00
MC1458CP1	Jan '00
MC1458D	Jan '00

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MC1458DR2	Jan '00
MC1458P1	Jan '00
MC1494P	Feb '00
MC1495BP	Feb '00
MC1495D	Feb '00
MC1495DR2	Feb '00
MC1495P	Feb '00
JBL1094DR2	Jan '00
MC1496BP	Jan '00
MC1496D	Jan '00
MC1496DR2	Jan '00
MC1496P	Jan '00
MC1496P1	Jan '00
TYA1496DR2	Jan '00
MC1741CD	Feb '00
MC1741CDR2	Feb '00
MC1741CP1	Feb '00
MCW1741C	Feb '00
SC8738P	Feb '00
MC33030DW	Feb '00
MC33030DWR2	Feb '00
MC33030P	Feb '00
MC33033DW	Jan '00
MC33033DWR2	Jan '00
MC33033P	Jan '00
MC33035DW	Jan '00
MC33035DWR2	Jan '00
MC33035P	Jan '00
MCW33035	Jan '00
MC33039D	Jan '00
MC33039DR2	Jan '00
MC33039P	Jan '00
MCW33039	Jan '00
MC3346D	Feb '00
MC3346DR2	Feb '00
MC3346P	Feb '00
FMC33064D-5R2	Jan '00
MC33064D-005	Jan '00
MC33064D-5R2	Jan '00
MC33064P-005	Jan '00
MC33064P-5RA	Jan '00
MC33064P-5RP	Jan '00
MC34064D-005	Jan '00
MC34064D-5R2	Jan '00
MC34064P-005	Jan '00
MC34064P-5RA	Jan '00
MC34064P-5RM	Jan '00
MC34064P-5RP	Jan '00
MCW34064	Jan '00
SC74988D-5R2	Jan '00
SC79173DR2	Jan '00

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TY40459DR2	Jan '00
TY40470R2	Jan '00
MC33064DM-5R2	Jan '00
MC34064DM-5R2	Jan '00
MC33065DW-H	Feb '00
MC33065DW-HR2	Feb '00
MC34065DW-H	Feb '00
MC34065P-H	Feb '00
MC33065DW-L	Feb '00
MC33065DW-LR2	Feb '00
MC33065P-L	Feb '00
MC34065DW-L	Feb '00
MC34065P-L	Feb '00
MC3358D	Feb '00
MC3358DR2	Feb '00
MC3358P1	Feb '00
MC3458D	Feb '00
MC3458DR2	Feb '00
MC3458P1	Feb '00
MC3479P	Feb '00
MC3456P	Feb '00
MC44602P2	Feb '00
SC78104P	Feb '00
SC78110P	Feb '00
SC78116P1	Feb '00
TDA1085C	Jan '00
UAA2016D	Jan '00
UAA2016P	Jan '00

QUALIFICATION PLAN

See Reliability Data

RELIABILITY DATA SUMMARY

Devices selected for reliability tests represent highest volume, largest dice sizes, complexity of processes and highest power. The data will be available as follows:

MC33033P	-	January 28, 2000
MC33064D-005	-	January 28, 2000

ELECTRICAL CHARACTERISTIC SUMMARY

Characterization data will be available at the same time, as samples are available.

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CHANGED PART IDENTIFICATION

Customers may see product starting with Date Code WW06, 2000.

FILE FORMAT: ASCII TEXT

FONT - Courier

SIZE - 12 Point

LINE - 70 characters/line

PAGE - 55 lines/page

PAGEBREAK CHARACTER - ^L (Control L)

AFFECTED DEVICE LIST (WITHOUT SPECIALS)

CA3059 , FMC33064D-5R2 , FMC33164D-3R2 , FMC33164D-5R2
LM239AD , LM239ADR2 , LM239AN , LM285D-1.2
LM285D-1.2R2 , LM285D-2.5 , LM285D-2.5R2 , LM285Z-1.2
LM285Z-1.2RA , LM285Z-2.5 , LM285Z-2.5RA , LM285Z-2.5RP
LM339AD , LM339ADR2 , LM339AN , LM348D
LM348DR2 , LM385BD-1.2 , LM385BD-1.2R2 , LM385BD-2.5
LM385BD-2.5R2 , LM385BZ-1.2 , LM385BZ-1.2RA , LM385BZ-2.5
LM385BZ-2.5RA , LM385D-1.2 , LM385D-1.2R2 , LM385D-2.5
LM385D-2.5R2 , LM385Z-1.2 , LM385Z-1.2RA , LM385Z-1.2RP
LM385Z-2.5 , LM385Z-2.5RP , LM393AN , LMW339A
LMW385-1.2 , MC1455BD , MC1455BDR2 , MC1455BP1
MC1455D , MC1455DR2 , MC1455P1 , MC1458CD
MC1458CDR2 , MC1458CP1 , MC1458D , MC1458DR2
MC1458P1 , MC1494P , MC1495BP , MC1495D
MC1495DR2 , MC1495P , MC1496BP , MC1496D
MC1496DR2 , MC1496P , MC1496P1 , MC14C89ABD
MC14C89ABDR2 , MC14C89ABP , MC1741CD , MC1741CDR2
MC1741CP1 , MC33030DW , MC33030DWR2 , MC33030P
MC33033DW , MC33033DWR2 , MC33033P , MC33035DW
MC33035DWR2 , MC33035P , MC33039D , MC33039DR2
MC33039P , MC33064D-005 , MC33064D-5R2 , MC33064DM-5R2
MC33064P-005 , MC33064P-5RA , MC33064P-5RP , MC33065DW-H
MC33065DW-HR2 , MC33065DW-L , MC33065DW-LR2 , MC33065P-L
MC33164D-003 , MC33164D-005 , MC33164D-3R2 , MC33164D-5R2
MC33164DM-3R2 , MC33164DM-5R2 , MC33164P-003 , MC33164P-005
MC33164P-3RA , MC33164P-3RP , MC33164P-5RA , MC33164P-5RP
MC3346D , MC3346DR2 , MC3346P , MC3358D
MC3358DR2 , MC3358P1 , MC34064D-005 , MC34064D-5R2
MC34064DM-5R2 , MC34064P-005 , MC34064P-5RA , MC34064P-5RM
MC34064P-5RP , MC34065DW-H , MC34065DW-L , MC34065P-H
MC34065P-L , MC34164D-003 , MC34164D-005 , MC34164D-3R2
MC34164D-5R2 , MC34164DM-3R2 , MC34164P-003 , MC34164P-005
MC34164P-3RP , MC34164P-5RA , MC34164P-5RP , MC3456P
MC3458D , MC3458DR2 , MC3458P1 , MC3479P
MC44602P2 , MC4741CD , MC4741CDR2 , MC4741CP
MCW1455 , MCW1741C , MCW33035 , MCW33039
MCW34064 , MCW34164-005 , SC239ADR2 , SC78104P
SC78116P1 , TDA1085C , TYA1496DR2 , TYA33164D-5R2
TYA33164P-5RP , UAA2016D , UAA2016P