

ON Semiconductor



Subject: ON Semiconductor PRODUCT BULLETIN 10154

TITLE: DEVICE NUMBERING SYSTEM MODIFICATION FOR SCHOTTKY AND ULTRAFAST RECTIFIER PRODUCT

EFFECTIVE DATE: 18-MAR-00

AFFECTED CHANGE CATEGORIES

AFFECTED PRODUCT DIVISIONS
BIPOLAR DISCRETES PRODUCTS DIV

ADDITIONAL RELIABILITY DATA: None

Ref:

SAMPLES: No

Ref:

For any questions concerning this notification:
REFERENCE: MIKE SCHAGER PHONE: 602-244-5128

DISCLAIMER:

ON SEMICONDUCTOR CONSIDERS THIS CHANGE APPROVED UNLESS SPECIFIC CONDITIONS OF ACCEPTANCE ARE PROVIDED IN WRITING. TO DO SO, CONTACT YOUR LOCAL ON SEMICONDUCTOR SALES OFFICE.

GPCN FORMAT: CUSTOMER

DO NOT REPLY TO THIS MESSAGE.

PRODUCT BULLETIN

ISSUE DATE: 17-Mar-2000

NOTIFICATION #:10154

EFFECTIVE DATE: 18-Mar-2000

ISSUING DIVISION:ON SEMICONDUCTO

DESCRIPTION AND PURPOSE

This is notification of the change from a standard part numbers to a special part numbers for Rectifier Schottky and Ultrafast devices received from ON Semiconductor (device list below). The change is required as our new Guadalajara wafer fab has not yet been automotive approved. Thus, product lines for automotive devices can not and will not use die sourced from the Guadalajara wafer fab. Hence, all backlog and future orders will have to be changed over to the specials. This will ensure your product will be built with die sourced from our Phoenix fab, AS IT IS TODAY. The ONLY difference will be in the ON Semiconductor part number, i.e., the use of SBR8 or SUR8 at the beginning of the part number. For example, MBR1045 will be SBR81045. The "M" will change to "S" and the number "8" will be added as the first numeral. Device markings will remain the same, however the shipping package will state the special part number. There will be NO CHANGE to the FORM, FIT, and FUNCTION of the device.

Standard	Special
MBR0520LT1	SBR80520LT1
MBR1045	SBR81045
MBR20100CT	SBR820100CT
MBRD1035CTLT4	SBRD81035CTLT4
MBRS1100T3	SBRS81100T3
MBRS130LT3	SBRS8130LT3
MBRS140T3	SBRS8140T3
MBRS340T3	SBRS8340T3
MUR1620CT	SUR81620CT
MUR1640CT	SUR81640CT
MUR8100E	SUR88100E
MURS120T3	SURS8120T3

If any additional devices become effected, On Semiconductor will provide notification.

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)

MBR0520LT1 , MBR1045 , MBR20100CT , MBRD1035CTLT4
MBRS1100T3 , MBRS130LT3 , MBRS140T3 , MBRS340T3
MUR1620CT , MUR1640CT , MUR8100E , MURS120T3