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**PRODUCT DISCONTINUANCE**  
Generic Copy

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**30-DEC-2003**

**SUBJECT: ON Semiconductor Product Discontinuance #13281**

**TITLE: 4Q03 (4TH QTR/2003) Product Discontinuance**

**LAST BUY DATE: 30-Jun-2004**

**LAST SHIP DATE: 31-Dec-2004**

**AFFECTED PRODUCT DIVISION:**

Mos Power Products  
Analog Products  
Discretes Products  
Logic Products  
ECL Products

**FOR ANY QUESTIONS CONCERNING THIS NOTIFICATION:**

Contact Sales Office or Mark Wasilewski <RYGF20@onsemi.com>

**NOTIFICATION TYPE:**

Customers must notify ON Semiconductor in writing within 90 days of receipt of this notification if they consider the discontinued product to be "Sole Source."  
ON Semiconductor and the customer may negotiate an appropriate End-of-Life.

**DESCRIPTION AND PURPOSE:**

In an attempt to minimize the number and frequency of product change or discontinuance notices to its customers, ON Semiconductor is publishing this quarterly product discontinuance notification. Some of the devices contained in this notice may be part of a product portfolio renewal process. ON Semiconductor continually monitors worldwide sales and billings activities on all the products offered to its customers. The activity for the products on the attached device list has declined to a level that warrants the discontinuance of these products. Some devices may have an alternate standard device as a replacement. ON Semiconductor wishes to promptly inform our customer of our intent to exit this small portion of our overall portfolio so that you may plan appropriately and effectively for replacement devices. ON Semiconductor has provided a list of replacement devices, where available, to aid in this process.

For those devices that have no recommended replacement identified, ON Semiconductor has partnered with Rochester Electronics who will carry any remaining device inventory as well as mask sets, etc. to potentially allow for a continued source after ON Semiconductor has completed its business process. A majority of the devices included in this notification are the result of an earlier announcement regarding closure of ON Semiconductor's East Greenwich Manufacturing location. We will work with customers regarding bridge inventory situations or other alternatives.

For questions or concerns regarding this notification, please contact your local sales office or customer service representative. Additional contacts are:

Americas:	Europe:	Japan & Asia Pacific:
Mark Wasilewski	Herve Marchionini	Nobuyuki Otake
602.244.5114	33.5.34.61.12.68	81.241.27.5460
USA	France	Japan



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NOTE: SUBSEQUENT TO PUBLISHING A DISCONTINUANCE NOTICE, ON SEMICONDUCTOR WILL ALLOW SIX (6) MONTHS FROM THE ANNOUNCEMENT DATE TO PLACE FINAL LIFETIME PURCHASE ORDERS.

NOTE: TO ALLOW AN ORDERLY EXIT FROM THE MARKET, PRODUCT SHALL NOT BE DELIVERED AFTER TWELVE (12) MONTHS BEYOND THE ANNOUNCEMENT DATE.

End of life buy orders must be placed before June 30, 2004 and  
End of life buy orders must be shipped before December 31, 2004

**POSSIBLE REPLACEMENT PARTS:**

<b><u>Devices to be Discontinued</u></b>	<b><u>Suggested Replacement</u></b>	<b><u>Supplier</u></b>
2N7000ZL1	2N7000	N/A
3EZ330D5	none	n/a
74ALVC16240DT	none	n/a
74ALVC16240DTR	none	n/a
74ALVC16244DT	none	n/a
74ALVC16244DTR	none	n/a
74ALVC16245DT	none	n/a
74ALVC16245DTR	none	n/a
74ALVC16373DT	none	n/a
74ALVC16373DTR	none	n/a
74ALVC16374DT	none	n/a
74ALVC16374DTR	none	n/a
74ALVCH16240DT	none	n/a
74ALVCH16240DTR	none	n/a
74ALVCH16244DT	none	n/a
74ALVCH16244DTR	none	n/a
74ALVCH16245DT	none	n/a
74ALVCH16245DTR	none	n/a
74ALVCH16373DT	none	n/a
74ALVCH16373DTR	none	n/a
74ALVCH16374DT	none	n/a
74ALVCH16374DTR	none	n/a
BS107ARLRM	BS107A	ON Semi
BS107ARLRP	BS107A	ON Semi
BS107RL1	BS107A	ON Semi
BS107RLRA	BS107A	ON Semi
MC10H173FN	none	n/a
MC10H173FNR2	none	n/a
MC10H173L	MC10173L	ON Semi
MC10H173M	none	n/a
MC10H173MEL	none	n/a
MC10H173P	MC10173P	ON Semi
MC10H644FN	none	n/a
2N7000ZL1	2N7000	n/a
MC10H644FNR2	none	n/a
MC14562BCP	none	n/a
MCW10197	none	n/a
MCW10216	none	n/a
MCW10231	none	n/a
MCW10H145	none	n/a
MGSF1P02ELT1	NTR1P02LT1	ON Semi
MGSF1P02ELT3	NTR1P02LT3	ON Semi



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<b>Devices to be Discontinued</b>	<b>Suggested Replacement</b>	<b>Supplier</b>
MLD2N06CL	MLD2N06CLT4	ON Semi
MMDFS2P102R2	NTMSD3P102R2	ON Semi
MMDFS3P303R2	NTMSD3P303R2	ON Semi
MMDFS6N303R2	NTMSD6N303R2	ON Semi
MMFT107T3	MMFT107T1	ON Semi
MMFT2406T3	MMFT2406T1	ON Semi
MMFT2N02ELT1	NDT014L	Fairchild
MMQF2N06VLEL	none	n/a
MPF9200	BS107	ON Semi
MPF930	TN0401L	Siliconix
MPF930A	TN0401L	Siliconix
MPF930ARLRE	TN0401L	Siliconix
MPF930RLRE	TN0401L	Siliconix
MPF960RLRA	MPF960	ON Semi
MPF990	none	n/a
MPF990RLRA	none	n/a
MPF990RLRP	none	n/a
MR2835S	MR2835SK	ON Semi
MTB29N15E	NTB35N15	ON Semi
MTB29N15ET4	NTB35N15T4	ON Semi
MTB2P50E	MTB2P50ET4	ON Semi
MTD1302-001	NTD4302-1	ON Semi
MTD5P06V	MTD5P06VT4	ON Semi
MTD5P06V1	MTD5P06VT4	ON Semi
MTD6N15	MTD6N15T4	ON Semi
MTD6N20E	MTD6N20ET4	ON Semi
MTD6N20E1	MTD6N20ET4	ON Semi
MTD6P10E	MTD6P10ET4	ON Semi
MTDF1N03HDR2	none	n/a
MTP29N15E	NTP35N15	ON Semi
MTP5P25	FQP6P25	Fairchild
MTSF3N02HDR2	IRF7601	Int'l Rectifier
MTSF3N03HDR2	IRF7603	Int'l Rectifier
NCP1000T	NCP1000	ON Semi
NCP1001T	NCP1001P	ON Semi
NCP1002T	NCP1002T	ON Semi
NCP1570D	CONTACT ON Semi	
NCP1570DR2	CONTACT ON Semi	
NCP5162D	CONTACT ON Semi	
NCP5162DR2	CONTACT ON Semi	
NCP5306DW	none	n/a
NCP5306DWR2	none	n/a
NCP5316FTBR2	CONTACT ON Semi	
NCP5424AD	CONTACT ON Semi	
NCP5424ADR2	CONTACT ON Semi	
NTB22N06	NTB18N06	ON Semi
NTB22N06L	NTB18N06	ON Semi
NTB22N06LT4	NTB18N06LT4	ON Semi
NTB22N06T4	NTB18N06T4	ON Semi
NTB27N06L	NTB30N06L	ON Semi
NTB27N06LT4	NTB30N06LT4	ON Semi
NTB30N06	NTB45N06	ON Semi
NTB30N06T4	NTB45N06T4	ON Semi
NTB75N06L	NTB75N06	ON Semi
NTB75N06LT4	NTB75N06T4	ON Semi



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<b>Devices to be Discontinued</b>	<b>Suggested Replacement</b>	<b>Supplier</b>
NTD60N03	NTD70N03R	ON Semi
NTD60N03-001	NTD70N03R-001	ON Semi
NTD60N03T4	NTD70N03RT4	ON Semi
NTF3055-160T1	NTF3055-100T1	ON Semi
NTMS4P01R2	NTMS5P02R2	ON Semi
NTP22N06	NTP18N06	ON Semi
NTP22N06L	NTP18N06L	ON Semi
NTP27N06L	NTP30N06L	ON Semi
NTP30N06	NTP45N06	ON Semi
NTP75N06L	NTP75N06	ON Semi
SC78L05ABDR2	MC78L05ABDR2	ON Semi
SC78M08CDTRK	MC78M08CDTRK	ON Semi
SCY99019AEDR16	CONTACT ON Semi	
SCY99019AEDR16	CONTACT ON Semi	
SCY99020ED16	CONTACT ON Semi	
SCY99020EDR16	CONTACT ON Semi	
SCY99040DTBR2	CONTACT ON Semi	
SCY994410T	CONTACT ON Semi	
SCY9969039DR14	CONTACT ON Semi	
SLP1001	none	n/a
SLP1001LFDM	none	n/a
SLP1003	none	n/a
SLP1004	none	n/a
SMBF1041LT1	none	n/a
SMBF1041LT3	none	n/a
SPF3161KRLRP	2N7000	ON Semi
SR2835S	SR2835SK	ON Semi
STB1561T4	NTB35N15T4	ON Semi
STD1003T4	MTD5P06VT4	ON Semi
STD5P06VT4	MTD5P06VT4	ON Semi
STDP7222VT4	MTD5P06VT4	ON Semi
STW1019	NTP35N15	ON Semi
TR00290M	none	n/a
VN0300L	VN0300	Siliconix
VN0300LRLRA	VN0300	Siliconix
VN0300LRLRE	VN0300	Siliconix
VN0610LL	VN0610LL	Siliconix
VN0610LLRLRA	VN0610LL	Siliconix
VN2222LLRL	VN2222LLRLRA	ON Semi
VN2222LLRLRM	VN2222LLRLRA	ON Semi
VN2406L	BS107KL	Siliconix
VN2406LZL1	BS107KL	Siliconix
XC9027DR8	CONTACT ON Semi	
XC9031SW16	CONTACT ON Semi	
XC9031SWR16	CONTACT ON Semi	

For All "CS" Prefix Device replacements CONTACT ON Semiconductor.



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**AFFECTED DEVICE LIST (WITHOUT SPECIALS)**

**PART**

2N7000ZL1  
3EZ330D5  
74ALVC16240DT  
74ALVC16240DTR  
74ALVC16244DT  
74ALVC16244DTR  
74ALVC16245DT  
74ALVC16245DTR  
74ALVC16373DT  
74ALVC16373DTR  
74ALVC16374DT  
74ALVC16374DTR  
74ALVCH16240DT  
74ALVCH16240DTR  
74ALVCH16244DT  
74ALVCH16244DTR  
74ALVCH16245DT  
74ALVCH16245DTR  
74ALVCH16373DT  
74ALVCH16373DTR  
74ALVCH16374DT  
74ALVCH16374DTR  
BS107ARLRM  
BS107ARLRP  
BS107RL1  
BS107RLRA  
CS1107EDF8  
CS1107EDFR8  
CS1108EDF8  
CS1108EDFR8  
CS2001YDWF20  
CS2001YDWFR20  
CS209AYD14  
CS209AYD8  
CS209AYDR14  
CS209AYDR8  
CS209AYN8  
CS209YD14  
CS209YDR14  
CS2842ALD14  
CS2842ALDR14  
CS2842ALN8  
CS2843ALN8  
CS299H  
CS3361YD14  
CS3361YDR14  
CS3524AGDW16  
CS3524AGDWR16  
CS3524AGN16  
CS387H  
CS403GT5  
CS403GTHA5  
CS4124YN16



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CS4161YN8  
CS51021AED16  
CS51021AEDR16  
CS51022AED16  
CS51022AEDR16  
CS51023AED16  
CS51023AEDR16  
CS51024AED16  
CS51024AEDR16  
CS51031GD8  
CS51031GDR8  
CS51031YD8  
CS51031YDR8  
CS51033GD8  
CS51033GDR8  
CS51033YD8  
CS51033YDR8  
CS5106LSWR24  
CS5111YDWF24  
CS5111YDWFR24  
CS51220ED16  
CS51220EDR16  
CS51221ED16  
CS51221EDR16  
CS5126XD8  
CS5126XDR8  
CS51311GD14  
CS51311GDR14  
CS51312GD16  
CS51312GDR16  
CS51313GD16  
CS51313GDR16  
CS5150GD16  
CS5150GDR16  
CS5150GN16  
CS5150HGD16  
CS5150HGDR16  
CS5151GD16  
CS5151GDR16  
CS5151GN16  
CS5151HGD16  
CS5151HGDR16  
CS5155GD16  
CS5155GDR16  
CS5155GN16  
CS5155HGD16  
CS5155HGDR16  
CS5156GD16  
CS5156GDR16  
CS5156GN16  
CS5156HGD16  
CS5156HGDR16  
CS5157GD16  
CS5157GDR16  
CS5157HGD16  
CS5157HGDR16



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CS5158GD16  
CS5158GDR16  
CS5159GD16  
CS5159GDR16  
CS5160GD16  
CS5160GDR16  
CS5161GD16  
CS5161GDR16  
CS5161HGD16  
CS5161HGDR16  
CS5165AGDW16  
CS5165AGDWR16  
CS5165GDW16  
CS5165GDWR16  
CS5165HGDW16  
CS5165HGDWR16  
CS5166GDW16  
CS5166GDWR16  
CS5166HGDW16  
CS5166HGDWR16  
CS5170GD8  
CS5170GDR8  
CS5203A-2GDPS3  
CS5203A-2GDPSR3  
CS5203A-3GDPS3  
CS5203A-3GDPSR3  
CS5231-3GDF8  
CS5231-3GDFR8  
CS5233-3GDF8  
CS5233-3GDFR8  
CS52843ED14  
CS52843ED8  
CS52843EDR14  
CS52843EDR8  
CS5302GDW28  
CS5302GDWR28  
CS5303GDW28  
CS5303GDWR28  
CS5305GDW28  
CS5305GDWR28  
CS5307GDW24  
CS5307GDWR24  
CS5308GDW28  
CS5308GDWR28  
CS5322GDW28  
CS5322GDWR28  
CS5323GDW20  
CS5323GDWR20  
CS5332GDW28  
CS5332GDWR28  
CS5421GD16  
CS5421GDR16  
CS5422GD16  
CS5422GDR16  
CS5422GDWF24  
CS5422GDWFR24



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CS7054YDWR16  
CS7054YN14  
CS8140YDW24  
CS8140YDWR24  
CS8140YN14  
CS8140YT7  
CS8140YTHA7  
CS8140YTVA7  
CS8141YDPS7  
CS8141YDPSR7  
CS8141YDW24  
CS8141YDWR24  
CS8141YN14  
CS8141YT7  
CS8141YTHA7  
CS8141YTVA7  
CS8147YT5  
CS8147YTHA5  
CS8147YTVA5  
CS8161YT5  
CS8161YTHA5  
CS8161YTVA5  
CS8191XDWF20  
CS8191XDWFR20  
CS8191XNF16  
CS8221YDFR8  
CS8221YDP3  
CS8221YDPR3  
CS8240YTQ5  
CS8240YTQVA5  
CS8271YD8  
CS8281YDP5  
CS8281YDPR5  
CS8311YD8  
CS8311YDR8  
CS8312YD8  
CS8312YDR8  
CS8312YN8  
CS8391YDP5  
CS8391YDPR5  
CS8441YN8  
CS8481YDP5  
CS8481YDPR5  
MC10H173FN  
MC10H173FNR2  
MC10H173L  
MC10H173M  
MC10H173MEL  
MC10H173P  
MC10H644FN  
MC10H644FNR2  
MC14562BCP  
MCW10197  
MCW10216  
MCW10231  
MCW10H145





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MGSF1P02ELT1  
MGSF1P02ELT3  
MLD2N06CL  
MMDFS2P102R2  
MMDFS3P303R2  
MMDFS6N303R2  
MMFT107T3  
MMFT2406T3  
MMFT2N02ELT1  
MMQF2N06VLEL  
MPF9200  
MPF930  
MPF930A  
MPF930ARLRE  
MPF930RLRE  
MPF960RLRA  
MPF990  
MPF990RLRA  
MPF990RLRP  
MR2835S  
MTB29N15E  
MTB29N15ET4  
MTB2P50E  
MTD1302-001  
MTD5P06V  
MTD5P06V1  
MTD6N15  
MTD6N20E  
MTD6N20E1  
MTD6P10E  
MTDF1N03HDR2  
MTP29N15E  
MTP5P25  
MTSF3N02HDR2  
MTSF3N03HDR2  
NCP1000T  
NCP1001T  
NCP1002T  
NCP1570D  
NCP1570DR2  
NCP5162D  
NCP5162DR2  
NCP5306DW  
NCP5306DWR2  
NCP5316FTBR2  
NCP5424AD  
NCP5424ADR2  
NTB22N06  
NTB22N06L  
NTB22N06LT4  
NTB22N06T4  
NTB27N06L  
NTB27N06LT4  
NTB30N06  
NTB30N06T4  
NTB75N06L



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NTB75N06LT4  
NTD60N03  
NTD60N03-001  
NTD60N03T4  
NTF3055-160T1  
NTMS4P01R2  
NTP22N06  
NTP22N06L  
NTP27N06L  
NTP30N06  
NTP75N06L  
SC78L05ABDR2  
SC78M08CDTRK  
SR2835S  
STD5P06VT4  
TR00290M  
VN0300L  
VN0300LRLRA  
VN0300LRLRE  
VN0610LL  
VN0610LLRLRA  
VN2222LLRL  
VN2222LLRLRM  
VN2406L  
VN2406LZL1  
XC9027DR8  
XC9031SW16  
XC9031SWR16