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**PRODUCT DISCONTINUANCE**  
Generic Copy

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**07-Oct-2008**

**SUBJECT: ON Semiconductor Product Discontinuance #16158**

**TITLE: 3Q08 (3<sup>rd</sup> SPECIAL 2008) Leaded Parts to Lead Free Parts standard conversion EOL**

**LAST BUY DATE: 31-Dec-2008**

**LAST SHIP DATE: 30-Jun-2009**

**AFFECTED PRODUCT DIVISION:**

Discretes Products  
Analog Products  
Logic Products  
ECL Products  
Power Products

**FOR ANY QUESTIONS CONCERNING THIS NOTIFICATION:**

Contact Sales Office or Mark Wasilewski <[m.wasilewski@onsemi.com](mailto:m.wasilewski@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:**

ON Semiconductor is committed to providing our customers with products that are compliant with environmental regulations. It is our primary objective to assist our customers with a smooth transition as our products are converted to lead free (Pb-free) termination finishes. In order to minimize the confusion regarding discontinuance notices for products ON is exiting, versus the standard conversion of leaded (Pb) parts to lead free (PB free or G suffix) parts, ON semiconductor will be issuing distinct quarterly EOL notices for Pb to Pb free conversions in addition to the quarterly EOLs for device termination. All of the devices contained on this notice are being converted to a Pb free version. All Pb free parts contain a G suffix and are RoHS compliant. ON Semiconductor wishes to promptly inform our customers of our intent to discontinue the leaded version of these devices so that you may plan appropriately and effectively for ordering the drop in Pb free replacement devices.

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PLEASE NOTE: ON Semiconductor may implement minimum order quantities or dollar amounts based on inventories available. Also, Devices on this Product Discontinuance become NCNR (Non-Cancelable, Non-Returnable).

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

Additional contacts are:

Americas:

Mark Wasilewski (email is [m.wasilewski@onsemi.com](mailto:m.wasilewski@onsemi.com))

602.244.5114

USA

Europe:

Herve Marchionini (email is [herve.marchionini@onsemi.com](mailto:herve.marchionini@onsemi.com))

33.5.34.61.12.68 or 1.602.244.4170

France

Japan & Asia Pacific:

Nobuyuki Otake (email is [nobuyuki.otake@onsemi.com](mailto:nobuyuki.otake@onsemi.com))

81.241.27.5460

Japan

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 31-Dec-2008  
and End of life buy orders must be shipped before 30-Jun-2009



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**POSSIBLE REPLACEMENT PARTS:**

ON Device	Replacement Device	Replacement Device Supplier
MC100E016FN	MC100E016FNG	ON Semiconductor
MC100E016FNR2	MC100E016FNR2G	ON Semiconductor
MC100E101FN	MC100E101FNG	ON Semiconductor
MC100E104FNR2	MC100E104FNR2G	ON Semiconductor
MC100E107FNR2	MC100E107FNR2G	ON Semiconductor
MC100E111FN	MC100E111FNG	ON Semiconductor
MC100E111FNR2	MC100E111FNR2G	ON Semiconductor
MC100E116FN	MC100E116FNG	ON Semiconductor
MC100E116FNR2	MC100E116FNR2G	ON Semiconductor
MC100E131FN	MC100E131FNG	ON Semiconductor
MC100E131FNR2	MC100E131FNR2G	ON Semiconductor
MC100E136FN	MC100E136FNG	ON Semiconductor
MC100E142FN	MC100E142FNG	ON Semiconductor
MC100E143FN	MC100E143FNG	ON Semiconductor
MC100E151FN	MC100E151FNG	ON Semiconductor
MC100E151FNR2	MC100E151FNR2G	ON Semiconductor
MC100E157FN	MC100E157FNG	ON Semiconductor
MC100E158FN	MC100E158FNG	ON Semiconductor
MC100E164FNR2	MC100E164FNR2G	ON Semiconductor
MC100E195FN	MC100E195FNG	ON Semiconductor
MC100E195FNR2	MC100E195FNR2G	ON Semiconductor
MC100E196FNR2	MC100E196FNR2G	ON Semiconductor
MC100E210FNR2	MC100E210FNR2G	ON Semiconductor
MC100E211FN	MC100E211FNG	ON Semiconductor
MC100E431FNR2	MC100E431FNR2G	ON Semiconductor
MC100E445FNR2	MC100E445FNR2G	ON Semiconductor
MC100E452FN	MC100E452FNG	ON Semiconductor
MC100E452FNR2	MC100E452FNR2G	ON Semiconductor
MC100E457FN	MC100E457FNG	ON Semiconductor
MC100E457FNR2	MC100E457FNR2G	ON Semiconductor
MC100H600FN	MC100H600FNG	ON Semiconductor
MC100H601FN	MC100H601FNG	ON Semiconductor
MC100H602FN	MC100H602FNG	ON Semiconductor
MC100H604FN	MC100H604FNG	ON Semiconductor
MC100H606FN	MC100H606FNG	ON Semiconductor
MC100H640FNR2	MC100H640FNR2G	ON Semiconductor
MC100H641FN	MC100H641FNG	ON Semiconductor
MC100H641FNR2	MC100H641FNR2G	ON Semiconductor
MC100H642FNR2	MC100H642FNR2G	ON Semiconductor
MC100H643FNR2	MC100H643FNR2G	ON Semiconductor
MC100H680FN	MC100H680FNG	ON Semiconductor
MC100LVE111FN	MC100LVE111FNG	ON Semiconductor
MC100LVE111FNR2	MC100LVE111FNR2G	ON Semiconductor
MC100LVE210FN	MC100LVE210FNG	ON Semiconductor


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ON Device	Replacement Device	Replacement Device Supplier
MC100LVE210FNR2	MC100LVE210FNR2G	ON Semiconductor
MC100LVE310FN	MC100LVE310FNG	ON Semiconductor
MC100LVE310FNR2	MC100LVE310FNR2G	ON Semiconductor
MC10E016FN	MC10E016FNG	ON Semiconductor
MC10E016FNR2	MC10E016FNR2G	ON Semiconductor
MC10E101FNR2	MC10E101FNR2G	ON Semiconductor
MC10E104FN	MC10E104FNG	ON Semiconductor
MC10E104FNR2	MC10E104FNR2G	ON Semiconductor
MC10E107FNR2	MC10E107FNR2G	ON Semiconductor
MC10E111FN	MC10E111FNG	ON Semiconductor
MC10E111FNR2	MC10E111FNR2G	ON Semiconductor
MC10E112FNR2	MC10E112FNR2G	ON Semiconductor
MC10E116FN	MC10E116FNG	ON Semiconductor
MC10E116FNR2	MC10E116FNR2G	ON Semiconductor
MC10E131FN	MC10E131FNG	ON Semiconductor
MC10E131FNR2	MC10E131FNR2G	ON Semiconductor
MC10E136FNR2	MC10E136FNR2G	ON Semiconductor
MC10E137FN	MC10E137FNG	ON Semiconductor
MC10E141FN	MC10E141FNG	ON Semiconductor
MC10E142FN	MC10E142FNG	ON Semiconductor
MC10E142FNR2	MC10E142FNR2G	ON Semiconductor
MC10E143FNR2	MC10E143FNR2G	ON Semiconductor
MC10E151FN	MC10E151FNG	ON Semiconductor
MC10E151FNR2	MC10E151FNR2G	ON Semiconductor
MC10E154FN	MC10E154FNG	ON Semiconductor
MC10E156FN	MC10E156FNG	ON Semiconductor
MC10E157FNR2	MC10E157FNR2G	ON Semiconductor
MC10E158FN	MC10E158FNG	ON Semiconductor
MC10E158FNR2	MC10E158FNR2G	ON Semiconductor
MC10E163FN	MC10E163FNG	ON Semiconductor
MC10E164FN	MC10E164FNG	ON Semiconductor
MC10E164FNR2	MC10E164FNR2G	ON Semiconductor
MC10E1651FN	MC10E1651FNG	ON Semiconductor
MC10E1651FNR2	MC10E1651FNR2G	ON Semiconductor
MC10E1652FN	MC10E1652FNG	ON Semiconductor
MC10E1652FNR2	MC10E1652FNR2G	ON Semiconductor
MC10E166FNR2	MC10E166FNR2G	ON Semiconductor
MC10E167FN	MC10E167FNG	ON Semiconductor
MC10E167FNR2	MC10E167FNR2G	ON Semiconductor
MC10E195FN	MC10E195FNG	ON Semiconductor
MC10E195FNR2	MC10E195FNR2G	ON Semiconductor
MC10E196FNR2	MC10E196FNR2G	ON Semiconductor
MC10E211FNR2	MC10E211FNR2G	ON Semiconductor
MC10E404FN	MC10E404FNG	ON Semiconductor
MC10E404FNR2	MC10E404FNR2G	ON Semiconductor
MC10E431FN	MC10E431FNG	ON Semiconductor


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ON Device	Replacement Device	Replacement Device Supplier
MC10E446FNR2	MC10E446FNR2G	ON Semiconductor
MC10E451FNR2	MC10E451FNR2G	ON Semiconductor
MC10E452FN	MC10E452FNG	ON Semiconductor
MC10E452FNR2	MC10E452FNR2G	ON Semiconductor
MC10E457FN	MC10E457FNG	ON Semiconductor
MC10E457FNR2	MC10E457FNR2G	ON Semiconductor
MC10H016FN	MC10H016FNG	ON Semiconductor
MC10H101FN	MC10H101FNG	ON Semiconductor
MC10H102FN	MC10H102FNG	ON Semiconductor
MC10H102FNR2	MC10H102FNR2G	ON Semiconductor
MC10H103FN	MC10H103FNG	ON Semiconductor
MC10H103FNR2	MC10H103FNR2G	ON Semiconductor
MC10H104FNR2	MC10H104FNR2G	ON Semiconductor
MC10H105FN	MC10H105FNG	ON Semiconductor
MC10H105FNR2	MC10H105FNR2G	ON Semiconductor
MC10H107FNR2	MC10H107FNR2G	ON Semiconductor
MC10H115FN	MC10H115FNG	ON Semiconductor
MC10H115FNR2	MC10H115FNR2G	ON Semiconductor
MC10H116FN	MC10H116FNG	ON Semiconductor
MC10H116FNR2	MC10H116FNR2G	ON Semiconductor
MC10H121FN	MC10H121FNG	ON Semiconductor
MC10H121FNR2	MC10H121FNR2G	ON Semiconductor
MC10H123FN	MC10H123FNG	ON Semiconductor
MC10H123FNR2	MC10H123FNR2G	ON Semiconductor
MC10H124FN	MC10H124FNG	ON Semiconductor
MC10H124FNR2	MC10H124FNR2G	ON Semiconductor
MC10H125FN	MC10H125FNG	ON Semiconductor
MC10H125FNR2	MC10H125FNR2G	ON Semiconductor
MC10H131FN	MC10H131FNG	ON Semiconductor
MC10H131FNR2	MC10H131FNR2G	ON Semiconductor
MC10H135FN	MC10H135FNG	ON Semiconductor
MC10H135FNR2	MC10H135FNR2G	ON Semiconductor
MC10H136FN	MC10H136FNG	ON Semiconductor
MC10H136FNR2	MC10H136FNR2G	ON Semiconductor
MC10H141FNR2	MC10H141FNR2G	ON Semiconductor
MC10H158FNR2	MC10H158FNR2G	ON Semiconductor
MC10H164FN	MC10H164FNG	ON Semiconductor
MC10H164FNR2	MC10H164FNR2G	ON Semiconductor
MC10H171FN	MC10H171FNG	ON Semiconductor
MC10H176FN	MC10H176FNG	ON Semiconductor
MC10H176FNR2	MC10H176FNR2G	ON Semiconductor
MC10H188FNR2	MC10H188FNR2G	ON Semiconductor
MC10H332FN	MC10H332FNG	ON Semiconductor
MC10H350FN	MC10H350FNG	ON Semiconductor
MC10H350FNR2	MC10H350FNR2G	ON Semiconductor
MC10H351FN	MC10H351FNG	ON Semiconductor


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ON Device	Replacement Device	Replacement Device Supplier
MC10H351FNR2	MC10H351FNR2G	ON Semiconductor
MC10H352FN	MC10H352FNG	ON Semiconductor
MC10H600FN	MC10H600FNG	ON Semiconductor
MC10H600FNR2	MC10H600FNR2G	ON Semiconductor
MC10H601FN	MC10H601FNG	ON Semiconductor
MC10H601FNR2	MC10H601FNR2G	ON Semiconductor
MC10H602FN	MC10H602FNG	ON Semiconductor
MC10H603FN	MC10H603FNG	ON Semiconductor
MC10H604FN	MC10H604FNG	ON Semiconductor
MC10H604FNR2	MC10H604FNR2G	ON Semiconductor
MC10H605FN	MC10H605FNG	ON Semiconductor
MC10H605FNR2	MC10H605FNR2G	ON Semiconductor
MC10H640FN	MC10H640FNG	ON Semiconductor
MC10H640FNR2	MC10H640FNR2G	ON Semiconductor
MC10H641FNR2	MC10H641FNR2G	ON Semiconductor
MC10H643FN	MC10H643FNG	ON Semiconductor
MC10H643FNR2	MC10H643FNR2G	ON Semiconductor
MC10H645FN	MC10H645FNG	ON Semiconductor
MC10H645FNR2	MC10H645FNR2G	ON Semiconductor
MC10H646FN	MC10H646FNG	ON Semiconductor
MC10H646FNR2	MC10H646FNR2G	ON Semiconductor
MC10H680FN	MC10H680FNG	ON Semiconductor
MC10H680FNR2	MC10H680FNR2G	ON Semiconductor
NBC12429FN	NBC12429FNG	ON Semiconductor
NBC12429FNR2	NBC12429FNR2G	ON Semiconductor
NBC12430FN	NBC12430FNG	ON Semiconductor
NBC12430FNR2	NBC12430FNR2G	ON Semiconductor
NBC12439AFN	NBC12439AFNG	ON Semiconductor
NBC12439AFNR2	NBC12439AFNR2G	ON Semiconductor
NBC12439FN	NBC12439FNG	ON Semiconductor
NBC12439FNR2	NBC12439FNR2G	ON Semiconductor
SC10H116FN	SC10H116FNG	ON Semiconductor
SC10H116FNR2	SC10H116FNR2G	ON Semiconductor
SC64017FNR2	SC64017FNR2G	ON Semiconductor
SC64029FN	SC64029FNG	ON Semiconductor
SC64029FNR2	SC64029FNR2G	ON Semiconductor
SC64046FN	SC64046FNG	ON Semiconductor
SC64046FNR2	SC64046FNR2G	ON Semiconductor