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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.



**Product Discontinuance #16158**

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



**Product Discontinuance #16158**

**POSSIBLE REPLACEMENT PARTS:**

| <b>ON Device</b> | <b>Replacement Device</b> | <b>Replacement Device Supplier</b> |
|------------------|---------------------------|------------------------------------|
| 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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| <b>ON Device</b> | <b>Replacement Device</b> | <b>Replacement Device Supplier</b> |
|------------------|---------------------------|------------------------------------|
| 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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| <b>ON Device</b> | <b>Replacement Device</b> | <b>Replacement Device Supplier</b> |
|------------------|---------------------------|------------------------------------|
| 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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| <b>ON Device</b> | <b>Replacement Device</b> | <b>Replacement Device Supplier</b> |
|------------------|---------------------------|------------------------------------|
| 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                   |