
**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, D. C. 20549**

FORM 8-K

CURRENT REPORT

**Pursuant to Section 13 OR 15(d) of The
Securities Exchange Act of 1934**

**August 30, 2012
Date of report (Date of earliest event reported)**

ON Semiconductor Corporation

(Exact name of registrant as specified in its charter)

Delaware
**(State or other jurisdiction
of incorporation)**

000-30419
**(Commission
File Number)**

36-3840979
**(IRS Employer
Identification No.)**

ON Semiconductor Corporation
5005 E. McDowell Road
Phoenix, Arizona
(Address of principal executive offices)

85008
(Zip Code)

(602) 244-6600
(Registrant's telephone number, including area code)

Not applicable
(Former name or former address, if changed since last report.)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
 - Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
 - Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
 - Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))
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Item 5.02. Departure of Directors or Certain Officers; Election of Directors; Appointment of Certain Officers; Compensatory Arrangements of Certain Officers.

(b) ON Semiconductor Corporation (“Company”) is announcing a change to the Company’s chief operating officer position and related roles and responsibilities. On August 30, 2012, W. John Nelson, our current Executive Vice President and Chief Operating Officer, advised the Company of his decision to resign as an officer of the Company in order to become the chief executive officer of an Asia-based, semiconductor related manufacturing company. It is anticipated that Dr. Nelson will remain in his existing positions at the Company until approximately September 28, 2012. During this transition period, the Company intends to (i) redistribute Dr. Nelson’s global responsibilities internally within the current management team, and (ii) not hire a replacement chief operating officer.

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

ON SEMICONDUCTOR CORPORATION

(Registrant)

Date: August 31, 2012

By: /S/ KEITH D. JACKSON

Keith D. Jackson

Chief Executive Officer and President