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

March 29, 2002 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)

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

000-30419 (Commission File Number)

602-244-6600 (Registrant's telephone number, including area code) 36-3840979 (I.R.S. Employer Identification Number)

85008 (Zip Code)

1

TABLE OF CONTENTS

SIGNATURES EXHIBIT INDEX EX-99

Item 5. Other Events.

Attached to this Current Report as Exhibit 99 is a copy of a press release for ON Semiconductor Corporation dated March 29, 2002 titled "ON Semiconductor Names Proven Leader as Senior Vice President of Sales and Marketing."

Item 7. Financial Statements, Pro Forma Financial Information and Exhibits.

- (a) Financial Statements of Businesses Acquired Not applicable.
- (b) Pro Forma Financial Information Not applicable.
- (c) Exhibits

Exhibit Number

99

Press release for ON Semiconductor Corporation dated March 29, 2002 titled "ON Semiconductor Names Proven Leader as Senior Vice President of Sales and Marketing."

Description

Date: March 28, 2002

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 thereunto duly authorized.

ON SEMICONDUCTOR CORPORATION

(Registrant)

By: /S/ G. SONNY CAVE

G. Sonny Cave Vice President, Secretary and General Counsel

EXHIBIT INDEX

Exhibit Number

Description

Press release for ON Semiconductor Corporation dated March 29, 2002 titled "ON Semiconductor Names Proven Leader as Senior Vice President of Sales and Marketing."

99

4

Everett Tackett, APR Director Public Relations ON Semiconductor (602) 244-4534 everett.tackett@onsemi.com Rudy Garcia Director Investor Relations ON Semiconductor (602) 244-3437 rudy.garcia@onsemi.com

ON Semiconductor Names Proven Leader as Senior Vice President of Sales and Marketing

William R. Bradford to lead global sales and marketing as the company prepares for growth

PHOENIX, Ariz. – March 29, 2002 – ON Semiconductor (Nasdaq: ONNN) today announced that it has appointed William R. Bradford as senior vice president of sales and marketing, completing an aggressive industry-wide search that the company initiated less than two months ago.

Bradford most recently served as the vice president of European sales and marketing with Cypress Semiconductor, a provider of high-performance integrated circuits for network infrastructure and access equipment.

During his 11-year career with Cypress, Bradford held positions of increasing responsibility in the sales environment including senior director of North American sales – East; Southeast area sales manager; regional sales manager; and senior field sales engineer. Bradford started his semiconductor sales career with Texas Instruments as a technical sales representative.

"Bill's ability to build highly-successful sales organizations will be an important component in the company's strategy to go to the next level," said Steve Hanson, ON Semiconductor president and CEO. "His energy and skill in working as a cross-functional team player brings value that extends beyond sales."

Bradford earned his bachelor of science in electrical engineering from Rose-Hulman Institute of Technology and a master of science in management from the University of Alabama.

Bradford replaces Michael Rohleder who, as previously announced, left the company in January.

About ON Semiconductor

ON Semiconductor (Nasdaq: ONNN) offers an extensive portfolio of power- and data-management semiconductors that address the design needs of today's sophisticated electronic products, appliances and automobiles. For more information visit ON Semiconductor's Web site at http://www.onsemi.com.

ON Semiconductor and the ON Semiconductor logo are trademarks of Semiconductor Components Industries, LLC. All other brand and product names appearing in this document are registered trademarks or trademarks of their respective holders. Although the company references its Web site in this news release, such information on the Web site is not to be incorporated herein.