

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 6-K

REPORT OF FOREIGN PRIVATE ISSUER
PURSUANT TO RULE 13a-16 OR 15d-16 UNDER
THE SECURITIES EXCHANGE ACT OF 1934

Report on Form 6-K dated November 10, 2014

Commission File Number: 1-13546

STMicroelectronics N.V.
(Name of Registrant)

WTC Schiphol Airport
Schiphol Boulevard 265
1118 BH Schiphol
The Netherlands

(Address of Principal Executive Offices)

Indicate by check mark whether the registrant files or will file annual reports under cover of Form 20-F or Form 40-F.

Form 20-F Q

Form 40-F £

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(1):

Yes £

No Q

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(7):

Yes £

No Q

Indicate by check mark whether the registrant by furnishing the information contained in this form is also thereby furnishing the information to the Commission pursuant to Rule 12g3-2(b) under the Securities Exchange Act of 1934.

Yes £

No Q

If "Yes" is marked, indicate below the file number assigned to the registrant in connection with Rule 12g3-2(b): 82- _____

Enclosure: A press release dated November 10, 2014, announcing that STMicroelectronics has completed its share buy-back program.

PR N° C2767C

STMicroelectronics Completes Share Buy-back Program

Geneva – November 10, 2014 – STMicroelectronics (NYSE: STM), a global semiconductor leader serving customers across the spectrum of electronics applications, announced that it has completed the repurchase of 20 million shares of its common stock under its share buy-back program announced on June 26, 2014.

The shares were repurchased between July 7 and November 10, 2014 on the Borsa Italiana Stock Exchange in open market transactions for a total of about \$156 million. The repurchased shares will be held as treasury shares and used to cover employee stock award plans under ST's long term incentive plans.

Details of the share repurchases pursuant to the now completed buy-back program are available on ST's website at the following address:
<http://investors.st.com>.

About STMicroelectronics

ST is a global leader in the semiconductor market serving customers across the spectrum of sense and power and automotive products and embedded processing solutions. From energy management and savings to trust and data security, from healthcare and wellness to smart consumer devices, in the home, car and office, at work and at play, ST is found everywhere microelectronics make a positive and innovative contribution to people's life. By getting more from technology to get more from life, ST stands for life.augmented.

In 2013, the Company's net revenues were \$8.08 billion. Further information on ST can be found at www.st.com.

For further information, please contact:

STMicroelectronics

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SIGNATURES

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

Date: November 10, 2014

STMicroelectronics N.V.

By: /s/ CARLO FERRO

Name: **Carlo Ferro**

Title: **Chief Financial Officer**

Executive Vice President

Finance, Legal, Infrastructure and Services
