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 of the Securities Exchange Act of 1934

March 9, 2018

NXP Semiconductors N.V.

(Exact name of registrant as specified in charter)

The Netherlands (Jurisdiction of incorporation or organization)

60 High Tech Campus, 5656 AG, Eindhoven, The Netherlands (Address of principal executive offices)

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

Form 20-F 図 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 図

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 図

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

Yes □ No 図

Name and address of person authorized to receive notices

and communications from the Securities and Exchange Commission

Dr. Jean A.W. Schreurs 60 High Tech Campus 5656 AG Eindhoven – The Netherlands This report contains NXP Semiconductors N.V.'s press release dated March 9, 2018 entitled: "NXP Semiconductors Announces Redemption of 3.75% Senior Notes Due 2018".

Exhibits

1. Press release dated March 9, 2018 entitled: "NXP Semiconductors Announces Redemption of 3.75% Senior Notes Due 2018".

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 at Eindhoven, on the 9th of March 2018.

NXP Semiconductors N.V.

/s/ Dr. Jean A.W. Schreurs

Name: /s/ Dr. Jean A.W. Schreurs Title: SVP and Chief Corporate Counsel



NXP Semiconductors Announces Redemption of 3.75% Senior Notes Due 2018

EINDHOVEN, The Netherlands, March 9, 2018 – NXP Semiconductors N.V. (NASDAQ: NXPI) through its subsidiaries NXP B.V. and NXP Funding LLC, delivered notice on March 9, 2018 to the holders of its 3.75 percent Senior Notes due 2018 that it will fully redeem on April 9, 2018, the \$750 million of outstanding principle (the "Note Redemption").

The company will utilize cash on its balance sheet to fund the planned Note Redemption.

This announcement is for informational purposes only.

About NXP Semiconductors

NXP Semiconductors N.V. (NASDAQ: NXPI) enables secure connections and infrastructure for a smarter world, advancing solutions that make lives easier, better and safer. As the world leader in secure connectivity solutions for embedded applications, NXP is driving innovation in the secure connected vehicle, end-to-end security & privacy and smart connected solutions markets. Built on more than 60 years of combined experience and expertise, the company has 30,000 employees in more than 30 countries and posted revenue of \$9.26 billion in 2017. Find out more at www.nxp.com.

Forward-Looking Statements

This press release contains forward-looking statements within the meaning of applicable federal securities laws. The forward-looking statements include, without limitation, statements concerning the Note Redemption. Forward-looking statements involve risks and uncertainties, including but not limited to economic, competitive, and technological factors outside NXP Semiconductors N.V.'s control that may cause actual results to differ materially from the forward-looking statements. You should not place undue reliance on forward-looking statements as a prediction of actual results. Readers are cautioned not to place undue reliance on these forward-looking statements, which speak to results only as of the date the statements were made. Except for any ongoing obligation to disclose material information as required by the United States federal securities laws, NXP Semiconductors N.V. does not have any intention or obligation to publicly update or revise any forward-looking statements after the distribution of this press release, whether to reflect any future events or circumstances or otherwise. For a discussion of potential risks and uncertainties, please refer to the risk factors listed in our SEC filings. Copies of our SEC filings are available on our Investor Relations website, www.nxp.com/investor or from the SEC website, www.sec.gov.

For further information, please contact:

Investors: Jeff Palmer jeff.palmer@nxp.com +1 408 518 5411 Media: Jacey Zuniga jacey.zuniga@nxp.com +1 512 895 7398