UNITED STATES SECURITIES AND EXCHANGE COMMISSION

WASHINGTON, D.C. 20549

FORM 20-F/A

(Amendment No. 1)

□ REGISTRATION STATEMENT PURSUANT TO SECTION 12(b) OR (g) OF THE SECURITIES EXCHANGE ACT OF 1934

OR

ANNUAL REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the fiscal year ended December 31, 2012

OR

□ TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the transition period from ______ to _____

OR

□ SHELL COMPANY REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

Date of event requiring this shell company report

Commission file number 001-34841

NXP Semiconductors N.V.

(Exact name of Registrant as specified in its charter)

The Netherlands (Jurisdiction of incorporation or organization)

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

Jean Schreurs, SVP and Senior Corporate Counsel, High Tech Campus 60, 5656 AG, Eindhoven, the Netherlands Telephone: +31 40 2728686 / E-mail: jean.schreurs@nxp.com (Name, Telephone, E-mail and/or Facsimile number and Address of Company Contact Person)

Securities registered or to be registered pursuant to Section 12(b) of the Act.

<u>Title of each class</u> Common shares - par value euro (EUR) 0.20 per share Name of each exchange on which registered The NASDAQ Global Select Market

Securities registered or to be registered pursuant to Section 12(g) of the Act.

None

Securities for which there is a reporting obligation pursuant to Section 15(d) of the Act.

Common shares - par value EUR 0.20 per share

(Title of class)

Indicate the number of outstanding shares of each of the issuer's classes of capital or common stock as of the close of the period covered by the annual report.

Class Ordinary shares, par value EUR 0.20 per share Outstanding at December 31, 2012 251,751,500 shares

Indicate by check mark if the registrant is a well-known seasoned issuer, as defined in Rule 405 of the Securities Act. 🗵 Yes 🗆 No

If this report is an annual or transition report, indicate by check mark if the registrant is not required to file reports pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934. \Box Yes \boxtimes No

Note—Checking the box above will not relieve any registrant required to file reports pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934 from their obligations under those Sections.

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days. 🖾 Yes \Box No

Indicate by check mark whether the registrant has submitted electronically and posted on its corporate Web site, if any, every Interactive Data File required to be submitted and posted pursuant to Rule 405 of Regulation S-T (§232.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit and post such files). 🛛 Yes 🗆 No

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, or a non-accelerated filer. See definition of "accelerated filer and large accelerated filer" in Rule 12b-2 of the Exchange Act. (Check one)

 Large accelerated filer
 Accelerated filer
 Non-accelerated filer
 International Financial Reporting Standards as issued by the International Accounting Standards Board
 Other
 International Financial Reporting Standards Board

If "Other" has been checked in response to the previous question, indicate by check mark which financial statement item the registrant has elected to follow. Item 17 🗆 Item 18 🗆

If this is an annual report, indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act). \Box Yes 🗵 No

EXPLANATORY NOTE

We are filing this Amendment No. 1 to our annual report on Form 20-F for the fiscal year ended December 31, 2012, which was originally filed with the Securities and Exchange Commission on March 1, 2013 (the "2011 Form 20-F"), for the sole purpose of adding Exhibit 101 to Item 19 "Exhibits" and furnishing the Interactive Data as Exhibit 101 in accordance with Rule 405 of Regulation S-T.

No other changes have been made to the 2012 Form 20-F. This Amendment No. 1 does not reflect events that have occurred after the filing date of March 1, 2013 of the 2012 Form 20-F, or modify or update the disclosures presented therein, except to reflect the amendment described above.

PART III

Item 19. Exhibits.

Exhibit Number

101#

Description of Document

Financial information from the Registrant's Annual Report on Form 20-F for the period ended December 31, 2012, filed with the SEC on March 1, 2013, formatted in eXtensible Business Reporting Language (XBRL):

(i) Consolidated statements of operations for the years ended December 31, 2010, 2011 and 2012

(ii) Consolidated statements of comprehensive income for the years ended December 31, 2010, 2011 and 2012

(iii) Consolidated balance sheets as of December 31, 2011 and 2012

(iv) Consolidated statements of cash flows for the years ended December 31, 2010, 2011 and 2012

(v) Consolidated statements of changes in equity for the years ended December 31, 2010, 2011 and 2012

(vi) Notes to the consolidated financial statements

Submitted electronically herewith

SIGNATURES

The registrant hereby certifies that it meets all of the requirements for filing on Form 20-F and that it has duly caused and authorized the undersigned to sign this first amendment to its annual report on its behalf.

/s/ RICK CLEMMER

Rick Clemmer Chief Executive Officer (Principal Executive Officer)

Date: March 27, 2013

NXP Semiconductors N.V. (Registrant)

/s/ Peter Kelly

Peter Kelly Chief Financial Officer (Principal Financial and Accounting Officer)

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