| SYNAPTICS INC Form SC 13G/A February 13, 2012   |
|---|
| UNITED STATES   |
| SECURITIES AND EXCHANGE COMMISSION  |
| Washington, D.C. 20549  |
| SCHEDULE 13G  |
| Under the Securities Exchange Act of 1934   |
| (Amendment No. 3)*  |
| SYNAPTICS INC   |
| (Name of Issuer)  |
| COMMON STOCK  |
| (Title of Class of Securities)  |
| 87157D109   |
| (CUSIP Number)  |
| December 31, 2011   |
|   |
| (Date of Event which Requires Filing of Statement)  |
| Check the appropriate box to designate the Rule pursuant to which this Schedule is filed: |
| [x] Rule 13d - 1(b)   |

Rule 13d - 1(c)

Rule 13d - 1(d)

\*The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter disclosures provided in a prior cover page.

The information required on the remainder of this page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes.)

(Continued on following page(s)

Page 1 of 6 Pages

| 1 Name of Reporting Person                     |                                      |
|--|--------------------------------------|
| S.S. or I.R.S. Identification No. of Above Per | rson                                 |
|  |                                      |
| T. ROWE PRICE ASSOCIATES, INC.                 |                                      |
| 52-0556948                                     |                                      |
|  |                                      |
| 2 Check the Appropriate Box if a Member of     | of a Group*                          |
| (a)  |                                      |
| NOT APPLICABLE (b)                             |                                      |
|  |                                      |
| 3  | SEC Use Only                         |
|  | ·                                    |
|  |                                      |
|  |                                      |
| 4  | Citizenship or Place of Organization |
|  |                                      |
| MARYLAND                                       |                                      |
|  |                                      |
| Number of M Sole Voting Power                  |                                      |
| **   |                                      |
| SharesK52,690                                  |                                      |
|  |                                      |
| BeneficiallyN Shared Voting Power              |                                      |

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| Owned By Each -0-   |
|---|
| ReportingO Sole Dispositive Power **                                  |
| Person 3,864,032  |
| With 8 Shared Dispositive Power                                       |
| -0-   |
| 9 Aggregate Amount Beneficially Owned by Each Reporting Person        |
| 3,864,032   |
| Check Box if the Aggregate Amount in Row (9) Excludes Certain Shares* |
| NOT APPLICABLE  |
| 11 Percent of Class Represented by Amount in Row 9                    |
| 12.0%   |
| 12 Type of Reporting Person*  |
| IA  |
| *SEE INSTRUCTION BEFORE FILLING OUT!                                  |
| **Any shares reported in Items 5 and 6 are also                       |

reported in Item 7.

| 1 Name of Reporting Person                          |
|---|
| S.S. or I.R.S. Identification No. of Above Person   |
| T. ROWE PRICE SCIENCE & TECHNOLOGY FUND, INC.       |
| 52-1533832  |
| 2 Check the Appropriate Box if a Member of a Group* |
| (a)   |
| NOT APPLICABLE (b)                                  |
|   |
| SEC Use Only  |
|   |
| 4 Citizenship or Place of Organization              |
| Maryland  |
| Number of M Sole Voting Power                       |
| **  |
| Shares 1,437,657                                    |
| BeneficiallyN Shared Voting Power                   |
| **  |
| Owned By Each -0-                                   |

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| ReportingO Sole Dispositive Power  |
|--|
| **   |
| Person -0-   |
| With 8 Shared Dispositive Power  |
| -0-  |
| 9 Aggregate Amount Beneficially Owned by Each Reporting Person           |
| 1,437,657  |
|  |
| 10 Check Box if the Aggregate Amount in Row (9) Excludes Certain Shares* |
| NOT APPLICABLE   |
| 11 Percent of Class Represented by Amount in Row 9                       |
| 4.4%   |
| 12 Type of Reporting Person*   |
| IV   |
| *SEE INSTRUCTION BEFORE FILLING OUT!                                     |

\*\*The aggregate amount reported on this page is also included in the aggregate amount reported by T. Rowe Price Associates, Inc. on page 2 of this Schedule 13G.

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| PAGE 4 OF 6  |
|  |
| Item 1(a) Name of Issuer:  |
|  |
| Reference is made to page 1 of this Schedule 13G   |
|  |
| Item 1(b) Address of Issuer's Principal Executive Offices:   |
|  |
| K120 SCOTT BLVD, SANTA CLARA, CA 95054   |
|  |
| Item 2(a) Name of Person(s) Filing:  |
|  |
|  |
| (1) T. Rowe Price Associates, Inc. ("Price Associates")  |
|  |
| (1) T. Rowe Price Associates, Inc. ("Price Associates")  (2) T. Rowe Price Science & Technology Fund, Inc.   |
| (2) T. Rowe Price Science & Technology Fund, Inc.  |
|  |
| (2) T. Rowe Price Science & Technology Fund, Inc. X Attached as Exhibit A is a copy of an agreement between the Persons Filing (as specified hereinabove) that this Schedule 13G is being filed on behalf of each of them.   |
| (2) T. Rowe Price Science & Technology Fund, Inc.  |
| <ul> <li>(2) T. Rowe Price Science &amp; Technology Fund, Inc.</li> <li>X Attached as Exhibit A is a copy of an agreement between the Persons Filing (as specified hereinabove) that this Schedule 13G is being filed on behalf of each of them.</li> <li>Item 2(b) Address of Principal Business Office:</li> </ul>   |
| <ul> <li>(2) T. Rowe Price Science &amp; Technology Fund, Inc.</li> <li>X Attached as Exhibit A is a copy of an agreement between the Persons Filing (as specified hereinabove) that this Schedule 13G is being filed on behalf of each of them.</li> </ul>  |
| <ul> <li>(2) T. Rowe Price Science &amp; Technology Fund, Inc.</li> <li>X Attached as Exhibit A is a copy of an agreement between the Persons Filing (as specified hereinabove) that this Schedule 13G is being filed on behalf of each of them.</li> <li>Item 2(b) Address of Principal Business Office:</li> <li>100 E. Pratt Street, Baltimore, Maryland 21202</li> </ul> |
| <ul> <li>(2) T. Rowe Price Science &amp; Technology Fund, Inc.</li> <li>X Attached as Exhibit A is a copy of an agreement between the Persons Filing (as specified hereinabove) that this Schedule 13G is being filed on behalf of each of them.</li> <li>Item 2(b) Address of Principal Business Office:</li> </ul>   |
| <ul> <li>(2) T. Rowe Price Science &amp; Technology Fund, Inc.</li> <li>X Attached as Exhibit A is a copy of an agreement between the Persons Filing (as specified hereinabove) that this Schedule 13G is being filed on behalf of each of them.</li> <li>Item 2(b) Address of Principal Business Office:</li> <li>100 E. Pratt Street, Baltimore, Maryland 21202</li> </ul> |

| (2) Maryland   |
|--|
| Item 2(d) Title of Class of Securities:  |
| Reference is made to page 1 of this Schedule 13G   |
| Item 2(e) CUSIP Number: 87157D109  |
| Item 3 The person filing this Schedule 13G is an:  |
| X Investment Adviser registered under Section 203 of the Investment Advisers Act of 1940 |
| X Investment Company registered under Section 8 of the Investment Company Act of 1940    |

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|--------------|--------|----|---|
|--------------|--------|----|---|

Item 5 Ownership of Five Percent or Less of a Class.

X This statement is being filed to report the fact that, as of the date of this report, T. Rowe Price Science & Technology Fund, Inc. has ceased to be the beneficial owner of more than five percent of the class of securities.

This Item 5 is not applicable with respect to Price Associates.

Item 6 Ownership of More than Five Percent on Behalf of Another Person

Price Associates does not serve as custodian of the assets of any of its clients; accordingly, in each instance only (1)the client or the client's custodian or trustee bank has the right to receive dividends paid with respect to, and proceeds from the sale of, such securities.

The ultimate power to direct the receipt of dividends paid with respect to, and the proceeds from the sale of, such securities, is vested in the individual and institutional clients which Price Associates serves as investment adviser. Any and all discretionary authority which has been delegated to Price Associates may be revoked in whole or in part at any time.

Except as may be indicated if this is a joint filing with one of the registered investment companies sponsored by Price Associates which it also serves as investment adviser ("T. Rowe Price Funds"), not more than 5% of the class of such securities is owned by any one client subject to the investment advice of Price Associates.

With respect to securities owned by any one of the T. Rowe Price Funds, only State Street Bank and Trust (2) Company, as custodian for each of such Funds, has the right to receive dividends paid with respect to, and proceeds from the sale of, such securities. No other person is known to have such right, except that the shareholders of each such Fund participate proportionately in any dividends and distributions so paid.

Item Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on By the Parent Holding Company.

Not Applicable.

Item 8 Identification and Classification of Members of the Group.

Not Applicable.

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|---|---|
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|   |   |
|   |   |
| Item 9 Notice of Dissolution of Group.  |   |
| Not Applicable.   |   |
| Not Applicable.   |   |
|   |   |
| Item 10   | Certification.  |
| By signing below I (we) certify that, to the best of my (our) knowledge were acquired in the ordinary course of business and were not acquired changing or influencing the control of the issuer of such securities and participant in any transaction having such purpose or effect. T. Rowe P. affirms that the filing of Schedule 13G shall not be construed as an admowner of the securities referred to, which beneficial ownership is expression. | for the purpose of and do not have the effect of were not acquired in connection with or as a rice Associates, Inc. hereby declares and hission that Price Associates is the beneficial |
| Signature.  |   |
| After reasonable inquiry and to the best of my (our) knowledge and bel in this statement is true, complete and correct.   | ief, I (we) certify that the information set forth  |
| Dated: February 14, 2012 Dated: February 14, 2012   |   |
| T. ROWE PRICE SCIENCE & T. ROWE PRICE ASSOCIATES, INC.  | C.  |
| TECHNOLOGY FUND INC   |   |

By: /s/ David Oestreicher By: /s/ David Oestreicher

David Oestreicher, David Oestreicher,

Vice President Vice President

This Schedule 13G, including all exhibits, must be filed with the Securities and Exchange Commission, and a Note: copy hereof must be sent to the issuer by registered or certified mail not later than February 14th following the calendar year covered by the statement or within the time specified in Rule 13d-1(b)(2), if applicable.

12/31/11

| EXHIBIT A   |
|---|
| AGREEMENT   |
| JOINT FILING OF SCHEDULE 13G  |
| T. Rowe Price Associates, Inc. (an investment adviser registered under the Investment Advisers Act of 1940) and T. Rowe Price Science & Technology Fund, Inc., a Maryland corporation, hereby agree to file jointly the statement on Schedule 13G to which this Agreement is attached, and any amendments thereto which may be deemed necessary, pursuant to Regulation 13D-G under the Securities Exchange Act of 1934.                            |
| It is understood and agreed that each of the parties hereto is responsible for the timely filing of such statement and any amendments thereto, and for the completeness and accuracy of the information concerning such party contained therein, but such party is not responsible for the completeness or accuracy of information concerning the other party unless such party knows or has reason to believe that such information is inaccurate. |
| It is understood and agreed that a copy of this Agreement shall be attached as an exhibit to the statement on Schedule 13G, and any amendments hereto, filed on behalf of each of the parties hereto.   |
| Dated: February 14, 2012 Dated: February 14, 2012   |
| T. ROWE PRICE SCIENCE & T. ROWE PRICE ASSOCIATES, INC. TECHNOLOGY FUND, INC.  |

By: /s/ David Oestreicher By: /s/ David Oestreicher

David Oestreicher, David Oestreicher,

Vice President Vice President