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**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION**  
Washington, D.C. 20549

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**FORM 8-K**

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**CURRENT REPORT**  
**Pursuant to Section 13 or 15(d)**  
**of the Securities Exchange Act of 1934**

**Date of Report (date of earliest event reported): May 22, 2024**

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**SYNOPSYS, INC.**

(Exact name of Registrant as specified in charter)

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Delaware  
(State or other jurisdiction  
of incorporation)

000-19807  
(Commission  
File Number)

56-1546236  
(I.R.S. Employer  
Identification No.)

675 Almanor Ave.  
Sunnyvale, California 94085  
(Address of principal executive offices)

Registrant's telephone number, including area code: (650) 584-5000

N/A  
(Former name or former address, if changed since last report)

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Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

- ☐ Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- ☐ Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- ☐ Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- ☐ Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Securities registered pursuant to Section 12(b) of the Act:

Title of each class	Trading Symbol(s)	Name of each exchange on which registered
Common Stock (par value of \$0.01 per share)	SNPS	Nasdaq Global Select Market

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (§230.405 of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (§240.12b-2 of this chapter).

Emerging growth company ☐

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act. ☐

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**Item 2.02 Results of Operations and Financial Condition.**

On May 22, 2024, Synopsys, Inc. (“*Synopsys*”, “*we*”, “*our*”, or “*us*”) issued a press release announcing the financial results of its second fiscal quarter ended April 30, 2024. A copy of the press release is furnished and attached hereto as Exhibit 99.1 and is incorporated herein by reference.

The information in this Current Report, including Exhibit 99.1 attached hereto and incorporated by reference herein, shall not be deemed to be “filed” for purposes of Section 18 of the Securities Exchange Act of 1934, as amended, or otherwise subject to the liabilities of that section or Sections 11 and 12(a) (2) of the Securities Act of 1933, as amended. The information contained herein and in the accompanying exhibit shall not be incorporated by reference into any registration statement or other document filed with the Securities and Exchange Commission by Synopsys whether made before or after the date hereof, regardless of any general incorporation language in such filing, except as shall be expressly set forth by specific reference in such filing.

**Item 9.01 Financial Statements and Exhibits.****(d) Exhibits**

<b>Exhibit Number</b>	<b>Exhibit Title</b>
99.1	<a href="#">Press release dated May 22, 2024 containing Synopsys, Inc.’s results of operations for its second fiscal quarter ended April 30, 2024.</a>
104	Cover Page Interactive Data File (embedded within the Inline XBRL document).

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, hereunto duly authorized.

**SYNOPSIS, INC.**

Dated: May 22, 2024

By: /s/ John F. Runkel, Jr.  
**John F. Runkel, Jr.**  
**General Counsel and Corporate Secretary**