## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

CURRENT REPORT Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934  Date of Report (date of earliest event reported): November 28, 2021  SYNOPSYS, INC. (Exact name of Registrant as specified in charter)  000-19807 (Commission File Number)  1690 East Middlefield Road Mountain View, California 94043 (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)		washington, D.C. 2004)	
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if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the	(Forme		ort)
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(Former Check the appropriate box below if the Form 8-K filing 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: Name of each exchange Trading Title of each class Symbol(s) on which registered SNPS Common Stock Nasdaq Global Select Market (par value of \$0.01 per share) 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  $\square$ 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.  $\Box$ 

Delaware (State or other jurisdiction of incorporation) Item 5.02 Departure of Directors or Certain Officers; Election of Directors; Appointment of Certain Officers; Compensatory Arrangements of Certain Officers.

On November 28, 2021, Trac Phamnotified Synopsys, Inc. ("Synopsys") that he intends to retire as Chief Financial Officer of Synopsys in 2022.

Item 9.01 Financial Statements and Exhibits.

(d)  $\underline{Exhibits}$ 

Exhibit <u>Number</u>	<u>Exhibit Title</u>
99.1	Press release dated December 1, 2021 announcing the planned retirement of Trac Phamas Chief Financial Officer of Synopsys, Inc.
104	Cover Page Interactive Data File (embedded within the Inline XBRL document)

## 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, hereunto duly authorized.

	SYNOPSYS, INC.	
Dated: December 1, 2021	Ву:	/s/ John F. Runkel, Jr.
		John F. Runkel, Jr.
		General Counsel and Corporate Secretary