UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 8-K

CURRENT REPORT

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

Date of Report (date of earliest event reported): December 3, 2021

SYNOPSYS, INC.

(Exact name of Registrant as specified in charter)

Delaware (State or other jurisdiction of incorporation) 000-19807 (Commission File Number) 56-1546236 (I.R.S. Employer Identification No.)

690 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)

folk	Check the appropriate box below if the Form 8-K fi owing provisions:	ling is intended to simultaneously satisfy	y the filing obligation of the registrant under any of the				
	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	e 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				
	cate by check mark whether the registrant is an emerging pter) or Rule 12b-2 of the Securities Exchange Act of 19		05 of the Securities Act of 1933 (§230.405 of this				
			Emerging growth company \Box				
	n emerging growth company, indicate by check mark if evised financial accounting standards provided pursua	2	extended transition period for complying with any new $\hfill\Box$				

Item 5.02 Departure of Directors or Certain Officers; Election of Directors; Appointment of Certain Officers; Compensatory Arrangements of Certain Officers.

Amended and Restated Executive Incentive Plan

On December 3, 2021, the Compensation and Organizational Development Committee (the "Committee") of the Board of Directors (the "Board") of Synopsys, Inc. (the "Company") approved an amendment and restatement of the Company's Executive Incentive Plan (the "EIP" and, as amended, the "Amended EIP"), which provides for cash incentive awards and is applicable to officers of the Company as such term is defined in Rule 16a-1(f) under Section 16 of the Securities Exchange Act of 1934, as amended. The EIP was amended and restated to, among other things, provide that the Committee may determine the performance goals and payout formula for each performance period based on one or more of the performance criteria and/or factors set forth in the Amended EIP and to eliminate certain references to Section 162(m) of the Internal Revenue Code of 1986, as amended, which are no longer applicable. The maximum amount payable to an officer under the Amended EIP in respect of any performance period is 225% of the covered officer's target award for such period, subject to a \$4,000,000 per fiscal year maximum limit.

The foregoing summary of the Amended EIP does not purport to be complete, and is qualified in its entirety by reference to the full text of the Amended EIP, a copy of which is filed as Exhibit 10.1 to this Current Report on Form 8-K and is incorporated herein by reference.

Item 9.01 Financial Statements and Exhibits.

(d) Exhibits

Exhibit

Number Exhibit Title

10.1 <u>Executive Incentive Plan, as amended and restated on December 3, 2021</u>

104 Cover Page Interactive Data File (embedded within the Inline XBRL document).

SIGNATURES

Pursuant to the requirements of the Se	curities Exchange Act of 193	4, the Registrant has dul	ly caused this report to b	be signed on its behalf by the
undersigned, hereunto duly authorized.				

	SYNO	PSYS, INC.	
Dated: December 6, 2021	By:	/s/ JOHN F. RUNKEL, JR.	
		John F. Runkel, Jr. General Counsel and Corporate Secretary	