# 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): December 16, 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)

		-				
follo	Check the appropriate box below if the Form 8-K filing owing provisions:	is intended to simultaneously satisfy t	he 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))					
Seci	urities 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			
	cate by check mark whether the registrant is an emerging oter) or Rule 12b-2 of the Securities Exchange Act of 193		05 of the Securities Act of 1933 (§230.405 of this			
			Emerging growth company			
	n emerging growth company, indicate by check mark if the	2	1 1, 5			

#### Item 8.01 Other Events.

On December 16, 2021, Synopsys, Inc. ("*Synopsys*") issued a press release announcing its entry into an accelerated share repurchase agreement with HSBC Bank USA, National Association to repurchase an aggregate of \$200 million of Synopsys stock. A copy of the press release is attached hereto as Exhibit 99.1 and is incorporated by reference herein.

#### Item 9.01 Financial Statements and Exhibits.

#### (d) Exhibits

Exhibit Number	Exhibit Title
99.1	Press release dated December 16, 2021 announcing Synopsys, Inc.'s entry into \$200 million accelerated share repurchase agreement.
104	Cover Page Interactive Data File (embedded within the Inline XBRL document).

### SIGNATURES

Pursuant to the requi	irements of the Securities	Exchange Act of 1934,	the Registrant has du	uly caused this repo	rt to be signed on	its behalf by the
undersigned, hereunto duly	y authorized.					

		SYNOPSYS, INC.		
Dated: December 16, 2021	By:	/S/ JOHN F. RUNKEL, JR.		
		John F. Runkel, Jr.		
		General Counsel and Corporate Secretary		