# 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): June 17, 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)

	appropriate box below if the Form 8-K filing is in provisions:	tended to simultaneously satisfy the filir	ng 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 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			
•	y check mark whether the registrant is an emerging r Rule 12b-2 of the Securities Exchange Act of 19		05 of the Securities Act of 1933 (§230.405 of this			
			Emerging growth company $\Box$			
	ging growth company, indicate by check mark if financial accounting standards provided pursua	C	extended transition period for complying with any new $\Box$			

#### Item 8.01 Other Events.

On June 17, 2021, Synopsys, Inc. ("Synopsys") issued a press release announcing that its board of directors (the "Board") had replenished Synopsys' existing stock repurchase program up to \$500 million. The program authorizes, but does not obligate, Synopsys to purchase up to \$500 million of its common stock, and Synopsys' chief financial officer or Board may suspend or terminate the program at any time at their sole discretion. 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) <u>Exhibits</u>	
Exhibit <u>Number</u>	Exhibit Title
99.1	Press release dated June 17, 2021 announcing the replenishment of Synopsys' existing stock repurchase program up to \$500 million.
104	Cover Page Interactive Data File (embedded within the Inline XBRI, document)

### SIGNATURES

Pursuant to the requirements of t	the Securities Exchange	Act of 1934, the R	Registrant has duly	caused this report to	be signed on its	behalf by the
undersigned, hereunto duly auth	iorized.					

	SYNOPSYS, INC.	SYNOPSYS, INC.	
Dated: June 17, 2021	Ву:	/s/ John F. Runkel, Jr.	
		John F. Runkel, Jr.	
	Gen	neral Counsel and Corporate Secretary	