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): April 1, 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)

	Check the appropriate box below if the Form 8-K filing i	s intended to simultaneously satisfy the	ne filing obligation of the registrant under any of the	
folk	owing 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 A	ct:		
	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 1934		15 of the Securities Act of 1933 (§230.405 of this	
			Emerging growth company [
Ifor	amarging growth commonly indicate by check mark if the	a registrant has algoted not to use the	autonded transition period for complying with any nex	

or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act. \Box

Item 8.01 Other Events.

On April 5, 2021, Synopsys, Inc. ("*Synopsys*") issued a press release announcing its entry into an accelerated share repurchase agreement with Mizuho Markets Americas LLC to repurchase an aggregate of \$100 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 <u>Number</u>	Exhibit Title
99.1	Press release dated April 5, 2021 announcing Synopsys, Inc.'s entry into \$100 million accelerated share repurchase agreement.
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.

Dated: April 5, 2021

SYNOPSYS, INC.

By: /s/ JOHN F. RUNKEL, JR.

John F. Runkel, Jr. General Counsel and Corporate Secretary