## 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): June 21, 2022

### CADENCE DESIGN SYSTEMS, INC.

(Exact Name of Registrant as Specified in its Charter)

**Delaware** (State or Other Jurisdiction of Incorporation) 000-15867

(Commission File Number)

00-0000000

(I.R.S Employer Identification No.)

2655 Seely Avenue, San Jose, California 95134 (Address of Principal Executive Offices) (Zip Code)

(408) 943-1234

(Registrant's telephone number, including area code)

Check the appropriate box below if the Form 8-K filing is intende	d to simultaneously satisfy the filing obliga	tion of the registrant under any of the 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 Excl	hange Act (17 CFR 240.14a-12)	
☐ Pre-commencement communications pursuant to Rule 14	d-2(b) under the Exchange Act (17 CFR 240	0.14d-2(b))
☐ Pre-commencement communications pursuant to Rule 13	e-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, \$0.01 par value per share	CDNS	Nasdaq Global Select Market
Indicate by check mark whether the registrant is an emerging grow Securities Exchange Act of 1934 (§240.12b-2 of this chapter).	th company as defined in Rule 405 of the S	securities Act of 1933 (§230.405 of this chapter) or Rule 12b-2 of the
Emerging growth company		
If an emerging growth company, indicate by check mark if the reg accounting standards provided pursuant to Section 13(a) of the Ex		ransition period for complying with any new or revised financial

Item 8.01 Other Events.

On June 21, 2022, Cadence Design Systems, Inc. (the "Company") issued a press release announcing its entry into an accelerated share repurchase agreement with Royal Bank of Canada to repurchase an aggregate of \$100 million of shares of the Company's common stock. A copy of the press release is attached hereto as Exhibit 99.01 and is incorporated herein by reference.

### Item 9.01 Financial Statements and Exhibits. (d) *Exhibits*.

Exhibit No.	Description
<u>99.01</u>	Cadence Design Systems, Inc. Press Release dated June 21, 2022.
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: June 21, 2022

CADENCE DESIGN SYSTEMS, INC.

By: <u>/s/ John M. Wall</u>

John M. Wall

Senior Vice President and Chief Financial Officer