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**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION**  
Washington, D.C. 20549

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**FORM 8-K**

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**CURRENT REPORT  
PURSUANT TO SECTION 13 OR 15(d)  
OF THE SECURITIES EXCHANGE ACT OF 1934**

**Date of report (Date of earliest event reported): August 31, 2022**

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**CADENCE DESIGN SYSTEMS, INC.**  
(Exact Name of Registrant as Specified in its Charter)

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**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)

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Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation 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 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, \$0.01 par value per share	CDNS	Nasdaq Global Select Market

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (§230.405 of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (§240.12b-2 of this chapter).

Emerging growth company ☐

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act. ☐

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**Item 8.01 Other Events.**

On August 31 2022, Cadence Design Systems, Inc. (the “Company”) completed its acquisition of OpenEye Scientific Software Inc., a leading provider of computational molecular modeling and simulation software used by pharmaceutical and biotech companies for drug discovery. The acquisition was funded through a combination of cash on hand and borrowings under the Company’s senior unsecured revolving credit facility.

A copy of the Company’s press release announcing the completion of the acquisition is attached hereto as Exhibit 99.1 and is incorporated herein by reference.

**Item 9.01 Financial Statements and Exhibits.**

(d) Exhibits.

<b>Exhibit No.</b>	<b>Description</b>
<a href="#"><u>99.01</u></a>	<a href="#"><u>Cadence Design Systems, Inc. Press Release dated September 1, 2022.</u></a>
104	Cover Page Interactive Data File (embedded within the Inline XBRL document).

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## 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: September 1, 2022

CADENCE DESIGN SYSTEMS, INC.

By: /s/ Alinka Flaminia  
Alinka Flaminia  
Senior Vice President, Chief Legal Officer & Corporate Secretary