CADENCE DESIGN SYSTEMS INC Form SC 13G/A February 13, 2013

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

WASHINGTON, D.C. 20549

SCHEDULE 13G

UNDER THE SECURITIES EXCHANGE ACT OF 1934

(AMENDMENT NO. 6)*

Cadence Design Systems, Inc.

(Name of Issuer)

Common Stock

(Title of Class of Securities)

127387108

(CUSIP Number)

December 31, 2012

(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

x Rule 13d-1(b)

••	Rule	13d-10	(c)

PAGE 1 OF 4 PAGES

[&]quot; Rule 13d-1(d)

^{*} The remainder of this cover page shall be filled out for a reporting person s initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed to be filed for the purpose of Section 18 of the Securities Exchange Act of 1934 (Act) or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

13G

CUSIP NO. 127387108

1 NAME OF REPORTING PERSON

S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON

- Dodge & Cox 94-1441976
- 2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP*
 - (a) " (b) "
 - N/A
- 3 SEC USE ONLY
- 4 CITIZENSHIP OR PLACE OF ORGANIZATION
 - California U.S.A.

5 SOLE VOTING POWER

NUMBER OF

19,627,275

SHARES

6 SHARED VOTING POWER

BENEFICIALLY

OWNED BY

0

EACH

7 SOLE DISPOSITIVE POWER

REPORTING

PERSON

21,033,375

8 SHARED DISPOSITIVE POWER

WITH

0

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

21,033,375
CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES*

N/A
PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9

7.5%
TYPE OF REPORTING PERSON*

IA

PAGE 2 OF 4 PAGES

Item 1(a) Name of Issuer: Cadence Design Systems, Inc.
Item 1(b) Address of Issuer s Principal Executive Offices: 2655 Seely Avenue
Building 5
San Jose, CA 95134
Item 2(a) Name of Person Filing: Dodge & Cox
Item 2(b) Address of the Principal Office or, if none, Residence: 555 California Street, 40th Floor
San Francisco, CA 94104
Item 2(c) <u>Citizenship</u> : California U.S.A.
Item 2(d) Title of Class of Securities:
Common Stock
Item 2(e) <u>CUSIP Number</u> :
127387108
Item 3 If the Statement is being filed pursuant to Rule 13d-1(b), or 13d-2(b), check whether the person filing is a:
(e) x Investment Advisor registered under section 203 of the Investment Advisors Act of 1940
Item 4 Ownership:
(a) Amount Beneficially Owned: 21,033,375

(b) Percent of Class:

7.5%

PAGE 3 OF 4 PAGES

	(c)	Number of shares as to which such person has:
	(i)	sole power to vote or direct the vote: 19,627,275
	(ii)	shared power to vote or direct the vote: 0
	(iii)	sole power to dispose or to direct the disposition of: 21,033,375
	(iv)	shared power to dispose or to direct the disposition of: 0
Item 5 Not applic		ership of Five Percent or Less of a Class:
	s of Doo	ership of More than Five Percent on Behalf of Another Person: dge & Cox, including investment companies registered under the Investment Company Act of 1940 and other managed eright to receive or power to direct the receipt of dividends from, and the proceeds from the sale of, Cadence Design Systems
Item 7 Not applic	Com	ification and Classification of the Subsidiary Which Acquired the Security Being Reported on By the Parent Holding pany:
Item 8 Not applic		ification and Classification of Members of the Group:
Item 9 Not applic		ce of Dissolution of a Group:
business ar	g below nd were	fication: I certify that, to the best of my knowledge and belief, the securities referred to above were acquired in the ordinary course of not acquired for the purpose of and do not have the effect of changing or influencing the control of the issuer of such the not acquired in connection with or as a participant in any transaction having such purpose or effect.
		SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete

and correct.

Dated: February 13, 2013

7

DODGE & COX

By: /s/ THOMAS M. MISTELE Name: Thomas M. Mistele Title: COO & Senior Counsel

PAGE 4 OF 4 PAGES