DODGE & COX Form SC 13G/A February 10, 2011

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

WASHINGTON, D.C. 20549

SCHEDULE 13G

UNDER THE SECURITIES EXCHANGE ACT OF 1934

(AMENDMENT NO. 3)*

Cadence Design Systems, Inc.

(Name of Issuer)

Common shares (Title of Class of Securities)

127387108 (CUSIP Number)

December 31, 2010 (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-1(c)		
" Rule 13d-1(d)		
securities, and for any subsequent amendment The information required in the remainder of this	d out for a reporting person s initial filing on this containing information which would alter the disc cover page shall not be deemed to be filed for ject to the liabilities of that section of the Act but s	closures provided in a prior cover page. the purpose of Section 18 of the Securities

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CUSIP NO. 127387108 13G PAGE 2 OF 4 PAGES

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

43,322,532

SHARES 6 SHARED VOTING POWER

BENEFICIALLY

OWNED BY

0

EACH

7 SOLE DISPOSITIVE POWER

REPORTING

45,760,982 PERSON

8 SHARED DISPOSITIVE POWER

WITH

0

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

45,760,982

- 10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES*
 - N/A
- 11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9
 - 17.1%
- 12 TYPE OF REPORTING PERSON*

IA

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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)	<u>Title of Class of Securities</u> :
	Common shares
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:
45,760,982	(a) Amount Beneficially Owned:

(b) Percent of Class:

17.1%

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	(c) Number of shares as to which such person has:
43,322,532	(i) sole power to vote or direct the vote:
0	(ii) shared power to vote or direct the vote:
45,760,982	(iii) sole power to dispose or to direct the disposition of:
0	(iv) shared power to dispose or to direct the disposition of:
Item 5	Ownership of Five Percent or Less of a Class:
	Not applicable.
Item 6	Ownership of More than Five Percent on Behalf of Another Person:
	The clients of Dodge & Cox, including investment companies registered under the Investment Company Act of 1940 and other managed accounts, have the right to receive or power to direct the receipt of dividends from, and the proceeds from the sale of, Cadence Design Systems, Inc.
	Dodge & Cox Stock Fund, an investment company registered under the Investment Company Act of 1940, has an interest in 23,069,000 shares or 8.6%, of the class of securities reported herein.
Item 7	<u>Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on By the Parent Holding Company</u> :
	Not applicable.
Item 8	Identification and Classification of Members of the Group:
	Not applicable.

Item 9 Notice of Dissolution of a Group:

Not applicable.

Item 10 <u>Certification</u>:

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were acquired in the ordinary course of business and were not acquired for the purpose of and do not have the effect of changing or influencing the control of the issuer of such securities and were 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 10, 2011

DODGE & COX

By: /S/ THOMAS M. MISTELE
Name: Thomas M. Mistele
Title: General Counsel & COO

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