CADENCE DESIGN SYSTEMS INC Form SC 13G/A February 06, 2008 CUSIP NO.127387108

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UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549
SCHEDULE 13G
Under the Securities Exchange Act of 1934
(Amendment No. 4)*
Cadence Design Systems, Inc.
(Name of Issuer)
Common Stock, \$.01 par value per share
(Title of Class of Securities)
127387108
(CUSIP Number)
December 31, 2007
(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)		
o Rule 13d-1(c)		
o 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).

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CUSIP NO.127387108

26,827,429

1.	NAMES	OF REPORTING PERSONS.
	Franklin l	Resources, Inc.
2.	CHECK 7	THE APPROPRIATE BOX IF A MEMBER OF A GROUP
	(a) (b) X	
3.	SEC USE	CONLY
4.	CITIZEN	SHIP OR PLACE OF ORGANIZATION
	Delaware	
NUMBEI	R OF SHA	RES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH:
	5.	SOLE VOTING POWER
		(See Item 4)
	6.	SHARED VOTING POWER
		(See Item 4)
	7.	SOLE DISPOSITIVE POWER
		(See Item 4)
	8.	SHARED DISPOSITIVE POWER
		(See Item 4)
9.	AGGREC	GATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

10.	CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES 0
11.	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)
	10.0%
12.	TYPE OF REPORTING PERSON
	HC, CO (See Item 4)

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1.	NAMES	OF REPORTING PERSONS.	
	Charles I	3. Johnson	
2.	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP		
	(a) (b)	X	
3.	SEC USI	E ONLY	
4.	CITIZEN	NSHIP OR PLACE OF ORGANIZATION	
	USA		
NUMBE	R OF SHA	ARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH:	
	5.	SOLE VOTING POWER	
		(See Item 4)	
	6.	SHARED VOTING POWER	
		(See Item 4)	
	7.	SOLE DISPOSITIVE POWER	
		(See Item 4)	
	8.	SHARED DISPOSITIVE POWER	
		(See Item 4)	
9.	AGGRE	GATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON	

26,827,429

10.	CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES o
11.	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)
	10.0%
12.	TYPE OF REPORTING PERSON
	HC, IN (See Item 4)

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26,827,429

1.	NAMES (OF REPORTING PERSONS.			
	Rupert H.	Johnson, Jr.			
2.	CHECK T	THE APPROPRIATE BOX IF A MEMBER OF A GROUP			
	(a) (b)	X			
3.	SEC USE	ONLY			
4.	CITIZEN	CITIZENSHIP OR PLACE OF ORGANIZATION			
	USA				
NUMBEI	NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH:				
	5.	SOLE VOTING POWER			
		(See Item 4)			
	6.	SHARED VOTING POWER			
		(See Item 4)			
	7.	SOLE DISPOSITIVE POWER			
		(See Item 4)			
	8.	SHARED DISPOSITIVE POWER			
		(See Item 4)			
9.	AGGREC	GATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON			

10.	CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES o
11.	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)
	10.0%
12.	TYPE OF REPORTING PERSON
	HC, IN (See Item 4)

CUSIP I	NO.12738	7108 13G	PAGE 5 OF 15
1.	NAMES	S OF REPORTING PERSONS.	
	Templet	on Global Advisors Limited	
2.	CHECK	THE APPROPRIATE BOX IF A MEMBER OF A GROUP	
	(a) (b)	X	
3.	SEC US	E ONLY	
4.	CITIZE	NSHIP OR PLACE OF ORGANIZATION	
	Commo	nwealth of the Bahamas	
NUMBI	ER OF SH	ARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH:	
	5.	SOLE VOTING POWER	
		21,829,557 (See Item 4)	
	6.	SHARED VOTING POWER	
		0	
	7.	SOLE DISPOSITIVE POWER	
		21,933,168 (See Item 4)	
	8.	SHARED DISPOSITIVE POWER	
		26,389	
9.	AGGRE	EGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON	

21,959,557

10.	CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES o
11.	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)
	8.2%
12.	TYPE OF REPORTING PERSON
	IA, CO

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Item 1.					
(a) Nan	ne of Issuer				
` ,					
	Cadence D	esign Systems, Inc.			
(b) Add	lress of Issu	er's Principal Executive Offices			
	2655 Seely Building 5	Avenue			
	San Jose, C	CA 95134			
Item 2. (a) Nan	ne of Person	Filing			
	(i):	Franklin Resources, Inc.			
	(ii): (iii):	Charles B. Johnson Rupert H. Johnson, Jr. Tampleton Clabel Advisors Limited			
	(iv):	Templeton Global Advisors Limited			
(b) Add	(b) Address of Principal Business Office or, if none, Residence				
	(i), (ii), and One Frank	ł (iii): lin Parkway			
		, CA 94403-1906			
	(iv):				
	Lyford Cay Nassau, Ba	y, P.O. Box N7759 ahamas			
(c) Citiz	zenship				
	(i): Delawa				
	(ii) and (iii (iv): Comn): USA nonwealth of the Bahamas			
(d) Title	e of Class of	Securities			

Common Stock, \$.01 par value per share

(e) CUSIP Number

127387108

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Item 3. If this statement is filed pursuant to §§240.13d-1(b) or 240.13d-2(b) or (c), check whether the person filing is a:

- o Broker or dealer registered under section 15 of the Act (15 U.S.C. 78o).
- o Bank as defined in section 3(a)(6) of the Act (15 U.S.C. 78c).
- o Insurance company as defined in section 3(a)(19) of the Act (15 U.S.C. 78c).
- o Investment company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C 80a-8).
- X An investment adviser in accordance with §240.13d-1(b)(1)(ii)(E);
- o An employee benefit plan or endowment fund in accordance with §240.13d-1(b)(1)(ii)(F);
- X A parent holding company or control person in accordance with §240.13d-1(b)(1)(ii)(G);
- o A savings associations as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813);
- o A church plan that is excluded from the definition of an investment company under section 3(c)(14) of the Investment Company Act of 1940 (15 U.S.C. 80a-3);
- o Group, in accordance with §240.13d-1(b)(1)(ii)(J).

Item 4. Ownership

The securities reported herein (the Securities) are beneficially owned by one or more open- or closed-end investment companies or other managed accounts that are investment management clients of investment managers that are direct and indirect subsidiaries (each, an Investment Management Subsidiaries and, collectively, the Investment Management Subsidiaries) of Franklin Resources, Inc. (FRI), including the Investment Management Subsidiaries listed in Item 7. Investment management contracts grant to the Investment Management Subsidiaries all investment and/or voting power over the securities owned by such investment management clients, unless otherwise noted in this Item 4. Therefore, for purposes of Rule 13d-3 under the Act, the Investment Management Subsidiaries may be deemed to be the beneficial owners of the Securities.

Beneficial ownership by investment management subsidiaries and other affiliates of FRI is being reported in conformity with the guidelines articulated by the SEC staff in Release No. 34-39538 (January 12, 1998) relating to organizations, such as FRI, where related entities exercise voting and investment powers over the securities being reported independently from each other. The voting and investment powers held by Franklin Mutual Advisers, LLC (FMA), an indirect wholly-owned Investment Management Subsidiary, are exercised independently from FRI and from all other Investment Management Subsidiaries (FRI, its affiliates and the Investment Management Subsidiaries other than FMA are collectively, FRI affiliates). Furthermore, internal policies and procedures of FMA and FRI establish informational barriers that prevent the flow between FMA and the FRI affiliates of information that relates to the voting and investment powers over the securities owned by their respective investment management clients. Consequently, FMA and the FRI affiliates report the securities over which they hold investment and voting power separately from each other for purposes of Section 13 of the Act.

Charles B. Johnson and Rupert H. Johnson, Jr. (the Principal Shareholders) each own in excess of 10% of the outstanding common stock of FRI and are the principal stockholders of FRI. FRI and the Principal Shareholders may be deemed to be, for purposes of Rule 13d-3 under the Act, the beneficial owners of securities held by persons and entities for whom or for which FRI subsidiaries provide investment management services. The number of shares that may be deemed to be beneficially owned and the percentage of the class of which such shares are a part are reported in Items 9 and 11 of the cover pages for FRI and each of the Principal Shareholders. FRI, the Principal Shareholders and each of the Investment Management Subsidiaries disclaim any pecuniary interest in any of the Securities. In addition, the filing of this Schedule 13G on behalf of the Principal Shareholders, FRI and FRI affiliates, as applicable, should not be construed as an admission that any of them is, and each

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disclaims that it is, the beneficial owner, as defined in Rule 13d-3, of any of the Securities.

FRI, the Principal Shareholders, and each of the Investment Management Subsidiaries believe that they are not a group within the meaning of Rule 13d-5 under the Act and that they are not otherwise required to attribute to each other the beneficial ownership of the Securities held by any of them or by any persons or entities for whom or for which FRI subsidiaries provide investment management services.

(a) Amount beneficially owned:

26,827,429

(b) Percent of class:

10.0%

- (c) Number of shares as to which the person has:
 - (i) Sole power to vote or to direct the vote

Franklin Resources, Inc.:	0
Charles B. Johnson:	0
Rupert H. Johnson, Jr.:	0
Templeton Global Advisors Limited:	21,829,557
Franklin Templeton Investment Management Limited:	518,021
Templeton Investment Counsel, LLC:	408,960
Franklin Templeton Investments Australia Limited:	152,092
Templeton Asset Management, Ltd.:	21,510
Franklin Templeton Portfolio Advisors, Inc. ¹ :	67,718
Franklin Templeton Investments (Asia) Limited:	66,680
Franklin Templeton Investments Japan Limited:	65,852
Franklin Templeton Investments Corp.:	60,830

(ii) Shared power to vote or to direct the vote

0

(iii) Sole power to dispose or to direct the disposition of

Franklin Resources, Inc.:	0
Charles B. Johnson:	0
Rupert H. Johnson, Jr.:	0
Templeton Global Advisors Limited:	21,933,168
Franklin Templeton Investment Management Limited:	3,606,525

Templeton Investment Counsel, LLC:	750,379
Franklin Templeton Investments Australia Limited:	80,191
Templeton Asset Management, Ltd.:	97,796
Franklin Templeton Portfolio Advisors, Inc.:	67,718
Franklin Templeton Investments (Asia) Limited:	66,680
Franklin Templeton Investments Japan Limited:	65,852
Franklin Templeton Investments Corp.:	60,830

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