#### CADENCE DESIGN SYSTEMS INC

Form 4

September 14, 2007

# FORM 4

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

OMB Number: 3235-0287

Check this box if no longer subject to Section 16.

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Expires: January 31, 2005

**OMB APPROVAL** 

Form 4 or Form 5 obligations may continue.

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

burden hours per response... 0.5

Estimated average

See Instruction

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * LUCAS DONALD L		2. Issuer Name <b>and</b> Ticker or Trading Symbol	5. Relationship of Reporting Person(s) to Issuer  (Check all applicable)		
		CADENCE DESIGN SYSTEMS INC [CDNS]			
(Last) (First)  2655 SEELY AVENUE	(Middle)	3. Date of Earliest Transaction (Month/Day/Year) 09/13/2007	X Director 10% Owner Officer (give title below) Other (specify below)		
(Street)		4. If Amendment, Date Original Filed(Month/Day/Year)	6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person		
SAN JOSE, CA 95134			Form filed by More than One Reporting Person		

(City)	(State)	(Zip) Tab	ole I - Non-	Derivative	Secu	rities Acquii	ed, Disposed of,	or Beneficiall	y Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactic Code (Instr. 8)	4. Securit ord Dispos (Instr. 3,	sed of	` ′	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
Common Stock	09/13/2007		M	25,000	A	\$ 14.59	30,000	I	By trust
Common Stock	09/13/2007		S	11,600	D	\$ 21.79	18,400	I	By trust
Common Stock	09/13/2007		S	500	D	\$ 21.7914	17,900	I	By trust
Common Stock	09/13/2007		S	400	D	\$ 21.7915	17,500	I	By trust
Common Stock	09/13/2007		S	1,400	D	\$ 21.7916	16,100	I	By trust

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Common Stock	09/13/2007	S	2,200	D	\$ 21.7917	13,900	I	By trust
Common Stock	09/13/2007	S	3,600	D	\$ 21.7918		I	By trust
Common Stock	09/13/2007	S	800	D	\$ 21.7919	9,500	I	By trust
Common Stock	09/13/2007	S	1,651	D	\$ 21.792	7,849	I	By trust
Common Stock	09/13/2007	S	510	D	\$ 21.7921	7,339	I	By trust
Common Stock	09/13/2007	S	1,040	D	\$ 21.7922	6,299	I	By trust
Common Stock	09/13/2007	S	100	D	\$ 21.7923	6,199	I	By trust
Common Stock	09/13/2007	S	999	D	\$ 21.7924	5,200	I	By trust
Common Stock	09/13/2007	S	200	D	\$ 21.7925	5,000	I	By trust

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

SEC 1474

(9-02)

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transactio Code (Instr. 8)	5. Number of orDerivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amour Underlying Securit (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amo or Num of Sh
Non-Qualified Stock Option (right to buy)	\$ 14.59	09/13/2007		M	25,000	(1)	04/01/2015	Common Stock	25,0

# **Reporting Owners**

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

LUCAS DONALD L 2655 SEELY AVENUE, BLDG. 5 X SAN JOSE, CA 95134

# **Signatures**

R.L. Smith McKeithen, Attorney-in-Fact for Donald L. Lucas 09/14/2007

\*\*Signature of Reporting Person Date

# **Explanation of Responses:**

- \* If the form is filed by more than one reporting person, see Instruction 4(b)(v).
- \*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- (1) Option was granted on April 1, 2005 and is fully vested.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

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