Buss Brad W Form 4 March 03, 2010

FORM 4

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

Check this box

if no longer subject to Section 16.

Form 4 or Form 5 obligations may continue.

See Instruction

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934,

1(b).

(Last)

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person * Buss Brad W

(First) (Middle)

198 CHAMPION COURT

(Street)

SAN JOSE, CA 95134

2. Issuer Name and Ticker or Trading

Symbol

CYPRESS SEMICONDUCTOR CORP/DE/[CY]

3. Date of Earliest Transaction (Month/Day/Year)

03/01/2010

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to

Issuer

(Check all applicable)

OMB APPROVAL

Estimated average

burden hours per

3235-0287

January 31,

2005

0.5

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Number:

Expires:

response...

Director 10% Owner X_ Officer (give title __ Other (specify

below) below) **CFO**

6. Individual or Joint/Group Filing(Check

Applicable Line)

X Form filed by One Reporting Person Form filed by More than One Reporting

Person

(City)	(State)	(Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned								
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. 4. Securities Acquired (A) or TransactiorDisposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8)				5. Amount of 6. Securities Ownership Beneficially Form: Owned Direct (D) Following or Indirect Reported (I)	7. Nature of Indirect Beneficial Ownership (Instr. 4)		
			Code V	Amount	(A) or (D)	Price	Transaction(s) (Instr. 3 and 4)	(Instr. 4)		
Common Stock	03/01/2010		M	164,809 (1)	A	\$ 0	496,083	D		
Common Stock	03/01/2010		F	69,490 (2)	D	\$ 11.96	426,593	D		
Common Stock	03/03/2010		M	100,000	A	\$ 3.6964	526,593	D		
Common Stock	03/03/2010		S	100,000	D	\$ 12.0809	426,593	D		

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

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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. Transaction Code (Instr. 8)	orDeriv Secu Acqu Disp	5. Number of 6. Date Exercisable and Expiration Date (Month/Day/Year) Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		e	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amoun Numbe Shares
Restricted Stock Units	\$ 0	03/01/2010		M		82,405 (3)	03/01/2010	05/11/2015	Common Stock	82,40
Non Qualified Stock Options	\$ 3.6964	03/03/2010		M		100,000	03/03/2010	08/15/2015	Common Stock	100,0

Reporting Owners

Reporting Owner Name / Address	Relationships						
	Director	10% Owner	Officer	Other			
Buss Brad W							
198 CHAMPION COURT			CFO				
SAN JOSE, CA 95134							

Signatures

Neil H. Weiss, Treasurer, as attorney-in-fact for Brad
Buss
03/03/2010

**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).

As reported in Form 4 dated 5/11/2007, Mr. Buss was granted 2,060,110 Performance RSUs (as adjusted for the SunPower Spin factor of 4.12022) that could result in 0 to 412,022 Performance RSUs being earned annually by Mr. Buss based on the company's achievement of performance milestones set by the Company's Compensation Committee. The amount reported on this Form 4 reflects the delivery based upon the achievement of the second half of 2009 performance milestones as approved by the Compensation Committee on February 26, 2010 and includes a milestone measured by the Company's Common Stock appreciation as compared to the SOXX Index. The remaining target shares have been forfeited and are not able to be earned in a future period.

(2)

Reporting Owners 2

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The amount reported in this Form 4 represents shares withheld to comply with tax withholding requirements due to the settlement of performance grant milestones reported under footnote #1 above.

The amount reported on this Form 4 reflects the maximum amount that Mr. Buss was eligible to earn for second half 2009 based upon the achievement of a performance milestone related to the Company's Common Stock appreciation as compared to the SOXX Index.

Targeted shares related to performance milestones not achieved are forfeited and are not able to be earned in a future period.

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.