

Buss Brad W
 Form 4
 March 11, 2010

FORM 4

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

OMB APPROVAL

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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

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

(Print or Type Responses)

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

2. Issuer Name and Ticker or Trading Symbol
 CYPRESS SEMICONDUCTOR CORP /DE/ [CY]

5. Relationship of Reporting Person(s) to Issuer
 (Check all applicable)

(Last) (First) (Middle)
 198 CHAMPION COURT
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)
 03/10/2010

____ Director _____ 10% Owner
 Officer (give title below) _____ Other (specify below)
 CFO

SAN JOSE, CA 95134
 (City) (State) (Zip)

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

6. Individual or Joint/Group Filing(Check Applicable Line)
 Form filed by One Reporting Person
 Form filed by More than One Reporting Person

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. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	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 Ownership (Instr. 4)		
				(A) or (D)	Code	V	Amount	(D)	Price

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	2. Conversion or Exercise	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any	4. Transaction Code	5. Number of Derivative Securities	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities (Instr. 3 and 4)
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(Instr. 3)	Price of Derivative Security	(Month/Day/Year)	(Instr. 8)	Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount Number Shares
Restricted Stock Units	\$ 0	03/10/2010	M	123,607 (1)					03/10/2010	05/11/2015	Common Stock	123,6 (1)

Reporting Owners

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

Signatures

Neil H. Weiss, Treasurer, as attorney-in-fact for Brad W. Buss
 Signature: _____ Date: 03/10/2010

__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).
- (1) 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 maximum amount that Mr. Buss is eligible to earn for 2010 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.