

Zander Marcia Jean
 Form 4
 February 16, 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 *
 Zander Marcia Jean

2. Issuer Name and Ticker or Trading Symbol
 NETLOGIC MICROSYSTEMS INC
 [NETL]

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

(Last) (First) (Middle)
 1875 CHARLESTON RD.
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)
 12/31/2009

____ Director _____ 10% Owner
 Officer (give title below) _____ Other (specify below)
 Senior VP of WW Sales

MOUNTAIN VIEW, CA 94043
 (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 Indirect Beneficial Ownership (Instr. 4) | | |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|---|---|--|
| | | | | Code V | Amount | (A) or (D) | Price | | |
| Common Stock | 12/31/2009 | | J ⁽¹⁾ | 88 | A | \$ 31.2885 | 30,087 | D | |
| Common Stock | 02/11/2010 | | M | 10,000 | A | \$ 2 | 40,087 | D | |
| Common Stock | 02/11/2010 | | S ⁽²⁾ | 10,000 | D | \$ 50 | 30,087 | D | |

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

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number.

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) | 5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5) | 6. Date Exercisable and Expiration Date (Month/Day/Year) | 7. Title and Amount of Underlying Securities (Instr. 3 and 4) | Amount or Number of Shares |
|--|--|--------------------------------------|--|--------------------------------|---|--|---|----------------------------|
| Stock Option (right to buy) | \$ 2 | 02/11/2010 | | M | 10,000 | 01/20/2004 01/19/2014 | Common Stock | 10,000 |

Reporting Owners

Reporting Owner Name / Address

Relationships

Director 10% Owner Officer Other

Zander Marcia Jean
1875 CHARLESTON RD.
MOUNTAIN VIEW, CA 94043

Senior VP of WW Sales

Signatures

/s/ Roland B. Cortes, by power of attorney 02/16/2010

__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) Shares acquired on December 31, 2009 under the NetLogic Microsystems 2004 Employee Stock Purchase Plan.
- (2) This sale was effected pursuant to a Rule 10b5-1 trading plan adopted by the reporting person on February 24, 2009.

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.