

Dimitrelis Dimitrios
 Form 4
 November 18, 2009

FORM 4

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

OMB APPROVAL

OMB Number: 3235-0287
 Expires: January 31, 2005
 Estimated average burden hours per response... 0.5

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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 *
 Dimitrelis Dimitrios

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)
 11/16/2009

____ Director _____ 10% Owner
 Officer (give title below) _____ Other (specify below)
 Vice President of Engineering

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 Ownership (Instr. 4) | | | |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|-----------------------------------|--------|---|--|
| | | | Code | V | Amount | (D) | Price | | | |
| Stock Option (right to buy) | 11/16/2009 | | M | | 156 | A | \$ 13 | 20,056 | D | |
| Stock Option (right to buy) | 11/16/2009 | | M | | 1,347 | A | \$ 12.65 | 21,403 | D | |
| Stock Option (right to buy) | 11/16/2009 | | M | | 1,347 | A | \$ 12.49 | 22,750 | D | |

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| | | | | | | | |
|-----------------------------|------------|---|-------|---|----------------------|--------|---|
| Stock Option (right to buy) | 11/16/2009 | M | 2,030 | A | \$ 21.41 | 24,780 | D |
| Stock Option (right to buy) | 11/16/2009 | M | 1,120 | A | \$ 18.1 | 25,900 | D |
| Common Stock | 11/16/2009 | S | 6,000 | D | \$ 42.6762 (1) | 19,900 | 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) | 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) | 8. Amount or Number of Shares |
|--|--|--------------------------------------|--|--------------------------------|---|--|---|-------------------------------|
| Stock Option (right to buy) | \$ 13 | 11/16/2009 | | M | 156 | 06/01/2004 05/30/2014 | Common Stock | 156 |
| Stock Option (right to buy) | \$ 12.65 | 11/16/2009 | | M | 1,347 | 04/20/2006 04/19/2015 | Common Stock | 1,347 |
| Stock Option (right to buy) | \$ 12.49 | 11/16/2009 | | M | 1,347 | 04/26/2006 04/25/2015 | Common Stock | 1,347 |
| Stock Option | \$ 21.41 | 11/16/2009 | | M | 2,030 | 09/15/2006 09/14/2015 | Common Stock | 3,582 |

(right to buy)

| | | | | | | | | |
|-----------------------------|---------|------------|---|-------|------------|------------|--------------|-------|
| Stock Option (right to buy) | \$ 18.1 | 11/16/2009 | M | 1,120 | 10/10/2006 | 10/09/2015 | Common Stock | 1,120 |
|-----------------------------|---------|------------|---|-------|------------|------------|--------------|-------|

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | |
|--|---------------|-----------|-------------------------------|-------|
| | Director | 10% Owner | Officer | Other |
| Dimitrelis Dimitrios 1875 CHARLESTON RD. MOUNTAIN VIEW, CA 94043 | | | Vice President of Engineering | |

Signatures

/s/ Roland B. Cortes, by power of attorney
11/18/2009

__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) The shares sold on this date were sold in multiple transactions. This price is the weighted average sales price per share of all shares sold on this date; the actual sale prices per share range from \$42.63 to \$42.71. The number of shares sold at each separate price will be provided upon request by the Securities and Exchange Commission, NetLogic Microsystems, or a security holder of NetLogic Microsystems.

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.