

NEIL CHRISTOPHER J
 Form 4/A
 June 05, 2006

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

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 *
 NEIL CHRISTOPHER J

2. Issuer Name and Ticker or Trading Symbol
 MAXIM INTEGRATED PRODUCTS INC [MXIM]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)
 120 SAN GABRIEL DRIVE
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)
 06/01/2006

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

SUNNYVALE, CA 94086
 (City) (State) (Zip)

4. If Amendment, Date Original Filed(Month/Day/Year)
 06/02/2006

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) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|---|
| | | | | (A) or (D) | Price | | |
| | | | | Code | V | Amount | |
| Common Stock | 06/01/2006 | | M | 0 ⁽¹⁾ | A | \$ 7.4688 | 7,254 D |
| Common Stock | 06/01/2006 | | S | 0 ⁽¹⁾ | D | \$ 33.003 | 7,254 D |
| Common Stock | 06/01/2006 | | F | 0 ⁽¹⁾ | D | \$ 33.003 | 7,254 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) |
|--|--|--------------------------------------|--|--------------------------------|---|--|---|
| Non-Qualified Stock Option (right to buy) | \$ 7.4688 | 06/01/2006 | | M | 0 <u>(1)</u> | <u>(2)</u> 08/16/2006 | Common Stock 0 |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | |
|--|---------------|-----------|----------------|-------|
| | Director | 10% Owner | Officer | Other |
| NEIL CHRISTOPHER J 120 SAN GABRIEL DRIVE SUNNYVALE, CA 94086 | | | Vice President | |

Signatures

By: Sheila Raymond For: Christopher J. Neil 06/05/2005

__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) On June 2, 2006, the reporting person mistakenly filed a Form 4 reporting an exercise and sale of a Non-Qualified option for 4,000 shares that did not in fact occur. As of June 1st, 2006, the reporting person owned a Non-Qualified Stock Option for 4,000 shares at a price of \$7.4688 that expires on August 16, 2006.

(2) 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.

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