

MAXIM INTEGRATED PRODUCTS INC  
 Form 3  
 April 21, 2006

**FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION**  
**Washington, D.C. 20549**

OMB APPROVAL

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**INITIAL STATEMENT OF 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 * |         | 2. Date of Event Requiring Statement | 3. Issuer Name <b>and</b> Ticker or Trading Symbol                         |  |
| Â MEDLIN EDWIN                            |         | (Month/Day/Year)                     | MAXIM INTEGRATED PRODUCTS INC [MXIM]                                       |  |
| (Last)                                    | (First) | (Middle)                             | 4. Relationship of Reporting Person(s) to Issuer                           | 5. If Amendment, Date Original Filed(Month/Day/Year)                   |
|   |         | 04/11/2006                           |  |  |
| 120 SAN GABRIEL DRIVE                     |         |                                      | (Check all applicable)   | 6. Individual or Joint/Group Filing(Check Applicable Line)             |
| (Street)                                  |         |                                      | <input type="checkbox"/> Director <input type="checkbox"/> 10% Owner       | <input checked="" type="checkbox"/> Form filed by One Reporting Person |
| SUNNYVALE,Â CAÂ 95148                     |         |                                      | <input checked="" type="checkbox"/> Officer <input type="checkbox"/> Other | <input type="checkbox"/> Form filed by More than One Reporting Person  |
| (City)                                    | (State) | (Zip)                                | (give title below)   | (specify below)  |
|   |         |                                      | Vice President   |  |

**Table I - Non-Derivative Securities Beneficially Owned**

| 1. Title of Security (Instr. 4) | 2. Amount of Securities Beneficially Owned (Instr. 4) | 3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5) | 4. Nature of Indirect Beneficial Ownership (Instr. 5) |
|---------------------------------|---|--|---|
| Common Stock                    | 18,741  | D  | Â   |

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly. SEC 1473 (7-02)

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**Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**

| 1. Title of Derivative Security (Instr. 4) | 2. Date Exercisable and Expiration Date (Month/Day/Year) | 3. Title and Amount of Securities Underlying Derivative Security (Instr. 4) | 4. Conversion or Exercise Price of Derivative Security | 5. Ownership Form of Derivative Security: Direct (D) or Indirect | 6. Nature of Indirect Beneficial Ownership (Instr. 5) |
|--|--|---|--|--|---|
|  | Date Exercisable   | Expiration Date   | Title  | Amount or Number of  |   |

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|  |       |            |                 | Shares |            | (I)<br>(Instr. 5) |   |
|--|-------|------------|-----------------|--------|------------|-------------------|---|
| Incentive Stock Option<br>(right to buy)     | Â (1) | 10/09/2012 | Common<br>Stock | 23,415 | \$ 21.35   | D                 | Â |
| Incentive Stock Option<br>(right to buy)     | Â (2) | 09/30/2013 | Common<br>Stock | 5,077  | \$ 39.39   | D                 | Â |
| Non-Qualified Stock<br>Option (right to buy) | Â (1) | 10/09/2012 | Common<br>Stock | 12,303 | \$ 21.35   | D                 | Â |
| Non-Qualified Stock<br>Option (right to buy) | Â (3) | 09/30/2009 | Common<br>Stock | 53,600 | \$ 31.5469 | D                 | Â |
| Non-Qualified Stock<br>Option (right to buy) | Â (4) | 10/25/2012 | Common<br>Stock | 10,000 | \$ 31.85   | D                 | Â |
| Non-Qualified Stock<br>Option (right to buy) | Â (1) | 10/02/2011 | Common<br>Stock | 5,000  | \$ 33.4    | D                 | Â |
| Non-Qualified Stock<br>Option (right to buy) | Â (5) | 12/30/2015 | Common<br>Stock | 40,000 | \$ 36.24   | D                 | Â |
| Non-Qualified Stock<br>Option (right to buy) | Â (6) | 09/30/2013 | Common<br>Stock | 25,923 | \$ 39.39   | D                 | Â |
| Non-Qualified Stock<br>Option (right to buy) | Â (7) | 11/30/2014 | Common<br>Stock | 9,000  | \$ 40.96   | D                 | Â |
| Non-Qualified Stock<br>Option (right to buy) | Â (8) | 10/25/2010 | Common<br>Stock | 3,000  | \$ 57.1875 | D                 | Â |

## Reporting Owners

| Reporting Owner Name / Address                               | Relationships |           |                  |       |
|--|---------------|-----------|------------------|-------|
|  | Director      | 10% Owner | Officer          | Other |
| MEDLIN EDWIN<br>120 SAN GABRIEL DRIVE<br>SUNNYVALE, CA 95148 | Â             | Â         | Â Vice President | Â     |

## Signatures

By: Sheila M Raymond For: Edwin  
Medlin 04/21/2006

\_\_Signature of Reporting Person

Date

## Explanation of Responses:

\* If the form is filed by more than one reporting person, see Instruction 5(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) Vesting 7/1/02 to 7/1/2007

(2) Vesting 7/1/2007 to 7/1/2009

(3) Vesting 11/11/1999 to 11/11/2006

(4) Vesting 1/1/2003 to 1/1/2008

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- (5) Vesting 1/1/2008 to 1/1/2011
- (6) Vesting 7/1/05 - 7/1/09
- (7) Vesting 7/1/2009 to 1/1/2010
- (8) Vesting 7/1/06 to 7/1/07

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.