

GILBERT JENNIFER
 Form 4/A
 September 02, 2005

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 *
 GILBERT JENNIFER

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)
 08/24/2005

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

SUNNYVALE, CA 95148
 (City) (State) (Zip)

4. If Amendment, Date Original Filed(Month/Day/Year)
 08/26/2005

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)	Amount		
				Code	V		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 Security (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 or Number of Shares
Incentive Stock Option (right to buy) <u>(1)</u>	\$ 42.07	08/24/2005	A	V	2,376				<u>(2)</u>	08/24/2015	Common Stock	2,376
Non-Qualified Stock Option (right to buy) <u>(1)</u>	\$ 42.07	08/24/2005	A	V	67,624				<u>(2)</u>	08/24/2015	Common Stock	67,624

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
GILBERT JENNIFER 120 SAN GABRIEL DRIVE SUNNYVALE, CA 95148			VICE PRESIDENT	

Signatures

By: Sheila Raymond For: Jennifer Gilbert
Date: 09/02/2005

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).

The original Form 4 to which this amendment relates (the "original Form 4") was filed in error. All information reported in the original

(1) Form 4 was previously reported in a separate Form 4 filed on August 26, 2005 at 5.56 p.m. (the "Correct Form 4"). The original Form 4 is a duplicate filing in all respects of the Correct Form 4 and should therefore be disregarded in its entirety.

(2) Vesting 7/1/09-7/1/10

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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