HUENING KENNETH

Form 4

August 26, 2005

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

2. Issuer Name and Ticker or Trading

MAXIM INTEGRATED

3. Date of Earliest Transaction

PRODUCTS INC [MXIM]

OMB Number:

3235-0287

Expires:

January 31, 2005

0.5

Estimated average burden hours per

response...

OMB APPROVAL

Check this box if no longer subject to Section 16.

Form 4 or Form 5 obligations may continue.

See Instruction

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

1(b).

(Last)

(City)

(Instr. 3)

(Print or Type Responses)

1. Name and Address of Reporting Person *

HUENING KENNETH

(First) (Middle)

120 SAN GABRIEL DRIVE

(Street)

(Zip)

(Month/Day/Year) 08/24/2005

Symbol

4. If Amendment, Date Original

Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to

Issuer

below)

(Check all applicable)

10% Owner Director X_ Officer (give title Other (specify

below) VICE PRESIDENT

6. Individual or Joint/Group Filing(Check

Applicable Line)

X 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

SUNNYVALE, CA 95148

1.Title of 2. Transaction Date 2A. Deemed Security

(Month/Day/Year)

(State)

Execution Date, if (Month/Day/Year)

3. Code

TransactionAcquired (A) or Disposed of (D) (Instr. 3, 4 and 5) (Instr. 8)

4. Securities

5. Amount of Securities Beneficially Owned Following Reported

6. Ownership Form: Direct (D) or Indirect Beneficial (I) (Instr. 4)

7. Nature of Indirect Ownership (Instr. 4)

(A) Transaction(s) (Instr. 3 and 4) Code V Amount (D) Price

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

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security

Conversion or Exercise

3. Transaction Date 3A. Deemed (Month/Day/Year) Execution Date, if

any

4. 5. Number of TransactionDerivative Code Securities

6. Date Exercisable and **Expiration Date** (Month/Day/Year)

7. Title and Amou Underlying Securi (Instr. 3 and 4)

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(Instr. 3)		Price of Derivative Security		(Month/Day/Year)	(Instr.	. 8)	Acquired or Dispose (D) (Instr. 3, 4 and 5)	ed of				
					Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amo or Num of Sh
St	centive ock Option ght to buy)	\$ 42.07	08/24/2005		A	V	2,376		<u>(1)</u>	08/24/2015	Common Stock	2,3
St	on-Qualified ock Option ght to buy)	\$ 42.07	08/24/2005		A	V	77,624		<u>(1)</u>	08/24/2015	Common Stock	77,

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

HUENING KENNETH 120 SAN GABRIEL DRIVE SUNNYVALE, CA 95148

VICE PRESIDENT

Signatures

By: Sheila Raymond For: Kenneth Huening 08/26/2005

**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) 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. 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.

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