MAXIM INTEGRATED PRODUCTS INC Form SC 13G/A November 10, 2008

UNITED STATES

SECURITIES AND EXCHANGE COMMISSION

WASHINGTON, D.C. 20549

SCHEDULE 13G

UNDER THE SECURITIES EXCHANGE ACT OF 1934

(AMENDMENT NO. 1)*

Maxim Integrated Products, Inc.

(Name of Issuer)

Common

(Title of Class of Securities)

57772K101

(CUSIP Number)

October 31, 2008

(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:
x Rule 13d-1(b)
" Rule 13d-1(c)
"Rule 13d-1(d)
* The remainder of this cover page shall be filled out for a reporting person s initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.
The information required in the remainder of this cover page shall not be deemed to be filed for the purpose of Section 18 of the Securities
Exchange Act of 1934 (Act) or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act
(however, see the Notes).

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1 NAME OF REPORTING PERSON

S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON

Dodge & Cox 94-1441976

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP*

(a) "

N/A (b) "

3 SEC USE ONLY

4 CITIZENSHIP OR PLACE OF ORGANIZATION

California - U.S.A.

5 SOLE VOTING POWER

NUMBER OF

35,888,300

SHARES 6 SHARED VOTING POWER

BENEFICIALLY

OWNED BY

32,900

EACH

7 SOLE DISPOSITIVE POWER

REPORTING

PERSON 37,288,300

8 SHARED DISPOSITIVE POWER

WITH

0

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

37,288,300

10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES*

N/A
11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9

11.7%
12 TYPE OF REPORTING PERSON*

IA

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Item 1(a) Name of Issuer: Maxim Integrated Products, Inc.
Item 1(b) Address of Issuer s Principal Executive Offices: 120 San Gabriel Drive
Sunnyvale, California 94086
Item 2(a) Name of Person Filing: Dodge & Cox
Item 2(b) Address of the Principal Office or, if none, Residence: 555 California St., 40th Floor
San Francisco, CA 94104
Item 2(c) <u>Citizenship</u> : California - U.S.A.
Item 2(d) Title of Class of Securities: Common
Item 2(e) CUSIP Number: 57772K101
Item 3 If the Statement is being filed pursuant to Rule 13d-1(b), or 13d-2(b), check whether the person filing is a: (e) x Investment Advisor registered in accordance with section 240.13d-1(b)(1)(ii)(E)
Item 4 Ownership: (a) Amount Beneficially Owned:
37,288,300 (b) Propert of Class.
(b) Percent of Class: 11.7%

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(c) Numb	er of shares as to which such person has:
(i) sole p	ower to vote or direct the vote:
35,888,300	
(ii) shared	power to vote or direct the vote:
32,900	
(iii) sole po	ower to dispose or to direct the disposition of: 37,288,300
(iv) shared	I power to dispose or to direct the disposition of: 0
Item 5 Not applic	Ownership of Five Percent or Less of a Class: table.
Item 6	Ownership of More than Five Percent on Behalf of Another Person:
	Securities reported on this Schedule 13G are beneficially owned by clients of Dodge & Cox, which clients may include investment companies registered under the Investment Company Act and/or employee benefit plans, pension funds, endowment funds or other institutional clients.
Item 7 Not applic	Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on By the Parent Holding Company: able.
Item 8 Not applic	Identification and Classification of Members of the Group: able.
Item 9 Not applic	Notice of Dissolution of a Group: able.
Item 10	Certification:
	By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were acquired in the ordinary course of business and were not acquired for the purpose of and do not have the effect of changing or influencing the control of the issuer of such securities and were not acquired in connection with or as a participant in any transaction having such

SIGNATURE

purpose or effect.

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Dated: November 6, 2008

DODGE & COX

By: /S/ THOMAS M. MISTELE Name: Thomas M. Mistele Title: General Counsel & COO

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