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

FORM 10-Q/A

Amendment No. 1

(Mark One)

QUARTERLY REPORT PURSUANT TO SECTION 13 OR 15 (d) OF THE SECURITIES EXCHANGE ACT OF 1934.

FOR THE QUARTERLY PERIOD ENDED March 31, 2009

OR

TRANSITION REPORT PURSUANT TO SECTION 13 OR 15 (d) OF THE SECURITIES EXCHANGE ACT OF 1934.

For the transition period from to .

Commission file number 000-24487

MIPS TECHNOLOGIES, INC.

(Exact name of registrant as specified in its charter)

DELAWARE
(State or other jurisdiction of
Incorporation or organization)

77-0322161
(I.R.S. Employer
Identification Number)

1225 CHARLESTON ROAD, MOUNTAIN VIEW, CA 94043-1353

(Address of principal executive offices)

Registrant's telephone number, including area code: **(650) 567-5000**

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days. Yes No

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, or a smaller reporting company. See the definition of "large accelerated filer," "accelerated filer" and "smaller reporting company" in Rule 12b-2 of the Exchange Act. (Check one):

Large accelerated filer Accelerated filer Non-accelerated filer Smaller reporting company

Indicate by check mark whether the registrant is a Shell Company (as defined in Rule 12b-2 of the Exchange Act). Yes No

As of April 30, 2009, the number of outstanding shares of the registrant's common stock, \$0.001 par value, was 45,005,733.

EXPLANATORY NOTE:

This Amendment No. 1 on Form 10-Q/A (this "Amendment") amends our Quarterly Report on Form 10-Q for the quarter ended March 31, 2009, originally filed with the Securities and Exchange Commission on May 5, 2009 (the "Original Filing"). This Amendment is being filed to reflect that we are a "smaller reporting company" based on our public float as of December 31, 2008, the last business day of the second quarter of our current fiscal year.

This Amendment continues to speak as of the date of the Original Filing, as we have not updated the disclosures contained in the Original Filing to reflect any events that occurred at a later date, other than the updating of the cover page as noted in the preceding paragraph and to include Certifications of our Chief Executive Officer and Chief Financial Officer with respect to this amendment.

ITEM 6. EXHIBITS

(a) Exhibits

[31.1 Certification of Chief Executive Officer pursuant to Section 302 of the Sarbanes-Oxley Act of 2002.](#)

[31.2 Certification of Chief Financial Officer pursuant to Section 302 of the Sarbanes-Oxley Act of 2002.](#)

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this Amendment No. 1 to Form 10-Q to be signed on its behalf by the undersigned, thereunto duly authorized.

May 13, 2009

MIPS Technologies, Inc., a Delaware corporation

By: /s/ MAURY AUSTIN

Maury Austin
Vice President and Chief Financial Officer
(Principal Financial Accounting Officer)

FORM 10-Q CERTIFICATION

I, John E. Bourgoin, certify that:

1. I have reviewed this Amendment No. 1 to Form 10-Q of MIPS Technologies, Inc. (this "Amendment"); and
2. Based on my knowledge, this Amendment does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this Amendment.

Date: May 13, 2009

By: /s/ JOHN E. BOURGOIN
John E. Bourgoin
President and Chief Executive Officer,
MIPS Technologies, Inc.

FORM 10-Q CERTIFICATION

I, Maury Austin, certify that:

1. I have reviewed this Amendment No. 1 to Form 10-Q of MIPS Technologies, Inc. (this "Amendment"); and
2. Based on my knowledge, this Amendment does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this Amendment.

Date: May 13, 2009

By: /s/ MAURY AUSTIN
Maury Austin
Vice President and Chief Financial Officer,
MIPS Technologies, Inc.
