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

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**FORM 8-K**

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

Date of Report (Date of earliest event reported) December 29, 2009

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**MIPS TECHNOLOGIES, INC.**

(Exact Name of Registrant as Specified in its Charter)

**Delaware**  
(State or Other Jurisdiction of Incorporation or Organization)

**000-24487**  
(Commission File Number)

**77-0322161**  
(IRS Employer Identification No.)

**955 East Arques Avenue  
Sunnyvale, CA 94085**  
(Address of Principal Executive Offices, including zip code)

**(408) 530-5000**  
(Registrant's telephone number including area code)

**1225 Charleston Road, Mountain View, CA 94043**  
(Former Name or Former Address, if Changed Since Last Report)

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Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligations of the registrant under any of the following provisions (see General Instruction A.2. below):

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

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**Item 5.02. Departure of Directors or Certain Officers; Election of Directors; Appointment of Certain Officers; Compensatory Arrangements of Certain Officers.**

(b) In anticipation of his retirement from the Company as described in (c) below, on December 29, 2009 John Bourgoïn submitted his resignation from the Board of Directors of the Company, effective December 31, 2009.

(c) On December 30, 2009, the Company issued a press release (attached hereto as Exhibit 99.01) confirming that, as previously announced, John Bourgoïn, the Company's President, CEO and director will retire effective December 31, 2009. The Company announced that the Board of Directors expects to appoint a successor to Mr. Bourgoïn in January 2010.

The Company further announced that Anthony B. Holbrook, the Chairman of the Company's Board of Directors, had been appointed interim President and CEO to serve until such time as a new President and CEO is appointed.

Mr. Holbrook, age 70, has served as a director of the Company since July 1998 and as Chairman of the Board since August 2003. He is the retired Chief Technical Officer of Advanced Micro Devices, Inc. or AMD. From 1973 until his retirement in 1994, Mr. Holbrook served in a number of executive positions with AMD including Chief Operating Officer from 1982 to 1989, President from 1986 to 1990, and Vice Chairman and Chief Technical Officer from 1989 to 1994. He continued to serve as Vice Chairman of AMD's Board of Directors after his retirement until April 1996. Prior to his employment with AMD, Mr. Holbrook held engineering and general management positions with Fairchild Semiconductor, Inc. and Computer Microtechnology, Inc.

**Item 9.01. Financial Statements and Exhibits.**

(d) Exhibits

99.01 Press Release, dated December 30, 2009, entitled "MIPS Technologies CEO John Bourgoïn Confirms Year-End Retirement"

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SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the Registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

**MIPS TECHNOLOGIES, INC.**  
*(Registrant)*

Date: December 30, 2009

By: /s/ GAIL SHULMAN  
Name: Gail Shulman  
Title: Vice President, General Counsel & Secretary

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**EXHIBIT INDEX**

<b>Exhibit No.</b>	<b>Description</b>
99.01	Press Release, dated December 30, 2009, entitled "MIPS Technologies CEO John Bourgoin Confirms Year-End Retirement"

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**MIPS Technologies CEO John Bourgoin  
Confirms Year-End Retirement**

**SUNNYVALE, Calif. – December 30, 2009** – MIPS Technologies, Inc. (Nasdaq: MIPS), a leading provider of industry-standard processor architectures and cores for home entertainment, communications, networking and portable multimedia markets, today confirmed that as announced in July, its President, CEO and Director John Bourgoin will retire effective December 31, 2009. The Board of Directors has appointed Anthony B. Holbrook, Chairman of the Board of Directors, to act as the Company's interim president and CEO. The Board expects to announce a successor to Mr. Bourgoin in January 2010.

On behalf of the Board, Mr. Holbrook said, "The MIPS Technologies Board of Directors thanks John Bourgoin for leading our company from its spin-out in 1998 to the present. Under his guidance, MIPS has grown to prominence in the microprocessor IP market with leadership in a number of consumer electronics market segments. The MIPS brand is stronger than ever and is recognized worldwide. John's commitment and contributions are much appreciated. We wish John well in retirement and success in his future endeavors."

**About MIPS Technologies, Inc.**

MIPS Technologies, Inc. (NasdaqGS: MIPS) is a leading provider of industry-standard processor architectures and cores that power some of the world's most popular products for the home entertainment, communications, networking and portable multimedia markets. These include broadband devices from Linksys, DTVs and digital consumer devices from Sony, DVD recordable devices from Pioneer, digital set-top boxes from Motorola, network routers from Cisco, 32-bit microcontrollers from Microchip Technology and laser printers from Hewlett-Packard. Founded in 1998, MIPS Technologies is headquartered in Sunnyvale, California, with offices worldwide. For more information, contact (408) 530-5000 or visit [www.mips.com](http://www.mips.com).

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