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

FORM 8-K

CURRENT REPORT
Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934

April 7, 2008
Date of Report (Date of earliest event reported)

ADVANCED MICRO DEVICES, INC.
(Exact name of registrant as specified in its charter)

Delaware
(State of Incorporation)

001-07882
(Commission File Number)

94-1692300
(IRS Employer
Identification Number)

One AMD Place
P.O. Box 3453
Sunnyvale, California 94088-3453
(Address of principal executive offices) (Zip Code)

(408) 749-4000
(Registrant's telephone number, including area code)

N/A
(Former Name or Former Address, if Changed Since Last Report)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

- 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 2.02 Results of Operations and Financial Condition.**Item 7.01 Regulation FD Disclosure.**

The information in this Report, including the Exhibit 99.1 attached hereto, is furnished pursuant to Item 2.02 and Item 7.01 of this Form 8-K. Consequently, it is not deemed “filed” for the purposes of Section 18 of the Securities and Exchange Act of 1934, as amended, or otherwise subject to the liabilities of that section. It may only be incorporated by reference in another filing under the Exchange Act or the Securities Act of 1933, as amended, if such subsequent filing specifically references this Form 8-K.

On April 7, 2008, Advanced Micro Devices, Inc. announced updated guidance regarding its results of operations for the fiscal quarter ended March 29, 2008 in a press release that is attached hereto as Exhibit 99.1.

Item 9.01 Financial Statements and Exhibits.

(d) Exhibits.

<u>Exhibit No.</u>	<u>Description</u>
99.1	Press release dated April 7, 2008.

SIGNATURES

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

Date: April 7, 2008

ADVANCED MICRO DEVICES, INC.

By: /s/ Faina Medzonsky

Name: Faina Medzonsky

Title: Assistant General Counsel and
Assistant Secretary

INDEX TO EXHIBITS

Exhibit No.
99.1

Description
Press release dated April 7, 2008.

NEWS RELEASE

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AMD Updates First Quarter Outlook

SUNNYVALE, Calif. – April 7, 2008 – AMD (NYSE: AMD) today announced that it expects revenue for the first quarter ended March 29, 2008 to be approximately \$1.5 billion, a 22 percent increase compared to the first quarter of 2007, and down 15 percent compared to the fourth quarter of 2007. The decrease is due to lower than expected sales across all business segments. AMD had previously anticipated first quarter revenue to decline in line with seasonality.

In addition, AMD announced plans to adjust its cost structure by reducing its workforce by approximately 10 percent by the end of the third quarter of 2008. As a result of these reductions, AMD expects to record a restructuring charge in the second quarter of 2008. At the time of this release, AMD is unable to determine the estimated amount of the charge as the details are still being finalized.

AMD will report first quarter 2008 results after market close on April 17, 2008. AMD will hold a conference call on this day for the financial community at 2:00 p.m. PT to discuss first quarter results. A real-time audio broadcast of the teleconference will be provided at www.amd.com. The webcast will be available for ten days after the conference call.

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About AMD

Advanced Micro Devices (NYSE: AMD) is a leading global provider of innovative processing solutions in the computing, graphics and consumer electronics markets. AMD is dedicated to driving open innovation, choice and industry growth by delivering superior customer-centric solutions that empower consumers and businesses worldwide. For more information, visit www.amd.com.

CAUTIONARY STATEMENT

This release contains forward-looking statements concerning revenue for the first quarter of 2008, work force reductions and related charges, which are made pursuant to the safe harbor provisions of the Private Securities Litigation Reform Act of 1995. Investors are cautioned that forward-looking statements in this release involve risks and uncertainty that could cause actual results to differ materially from current expectations. Risks include the fact that global business and economic conditions may worsen; that Intel Corporation's pricing, marketing programs, product bundling, new product introductions or other activities targeting the company's business will prevent attainment of the company's sales plans; that demand for computers and, in turn, demand for the company's products will be lower than currently expected; that the company will not achieve its current product and technology introduction schedules; the company will require additional capital and will not be able to raise sufficient capital, on favorable terms or at all; that the company will not be able to obtain sufficient manufacturing capacity or components to meet demand for its products; and that solutions providers will not provide the infrastructure to support the company's AMD64 technology in a timely fashion will adversely impact the company's results of operations. We urge investors to review in detail the risks and uncertainties in the company's Securities and Exchange Commission filings, including but not limited to the Annual Report on Form 10-K for the year ended December 29, 2007.

AMD and the AMD Arrow logo are trademarks of Advanced Micro Devices, Inc. Other names used are for identification purposes only and may be trademarks of their respective owners.