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

FORM 8-K/A

CURRENT REPORT

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

January 13, 2009
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 2.06. Material Impairments

On December 29, 2008, Advanced Micro Devices, Inc. (the "Company") filed a Current Report on Form 8-K (the "**Original Form 8-K**") stating that the current carrying value of its goodwill, which the Company had recorded as a result of its October 2006 acquisition of ATI Technologies Inc. (the "**ATI Acquisition**"), was impaired. In addition, the Company stated in the Original Form 8-K that it would perform an analysis to identify whether there was also potential impairment of any of the remaining identifiable intangible assets acquired in the ATI Acquisition. At the time of filing of the Original Form 8-K, the Company was unable to provide a reasonable estimate of the amount or range of amounts of either impairment charge. The Company is filing this Form 8-K/A to amend the Original Form 8-K to update the disclosure therein under Item 2.06.

On January 13, 2009, the Company determined that the goodwill impairment charge related to the ATI Acquisition would be approximately \$622 million. In addition, the Company concluded that approximately \$62 million of the current carrying values of certain acquired identifiable intangible assets was impaired. The Company will not be required to make any current or future cash expenditures as a result of these impairments. These impairment charges will be reflected in the Company's financial statements as of and for the fiscal quarter and year ended December 27, 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: January 16, 2009

ADVANCED MICRO DEVICES, INC.

By: /s/ Faina Medzonsky

Name: Faina Medzonsky

Title: Assistant Secretary