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**SECURITIES AND EXCHANGE COMMISSION**  
WASHINGTON, D.C. 20549

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**AMENDMENT NO. 1 TO**  
**SCHEDULE TO**  
**(RULE 13e-4)**  
**TENDER OFFER STATEMENT UNDER SECTION 14(d)(1) OR 13(e)(1)**  
**OF THE SECURITIES EXCHANGE ACT OF 1934**

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**ADVANCED MICRO DEVICES, INC.**  
(NAME OF SUBJECT COMPANY (ISSUER))

**ADVANCED MICRO DEVICES, INC.**  
(NAME OF FILING PERSON (OFFEROR))

**OPTIONS TO PURCHASE COMMON STOCK, PAR VALUE \$0.01 PER SHARE**  
(TITLE OF CLASS OF SECURITIES)

**007903107**  
(CUSIP NUMBER OF CLASS OF SECURITIES)

**HARRY A. WOLIN**  
**SENIOR VICE PRESIDENT, GENERAL COUNSEL AND ASSISTANT SECRETARY**  
**ADVANCED MICRO DEVICES, INC.**  
**ONE AMD PLACE**  
**SUNNYVALE, CALIFORNIA 94088**  
**(408) 749-4000**  
(NAME, ADDRESS AND TELEPHONE NUMBER OF PERSON AUTHORIZED TO RECEIVE  
NOTICES AND COMMUNICATIONS ON BEHALF OF THE FILING PERSON)

COPY TO:

**TAD J. FREESE, ESQ.**  
**LATHAM & WATKINS LLP**  
**140 SCOTT DRIVE**  
**MENLO PARK, CALIFORNIA 94025**  
**(650) 328-4600**

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**CALCULATION OF FILING FEE**

TRANSACTION VALUATION\*  
**\$12,347,089**

AMOUNT OF FILING FEE  
**\$688.97**

\* Calculated solely for purposes of determining the filing fee. This amount assumes that options to purchase 21,936,012 shares of common stock of Advanced Micro Devices, Inc. having an aggregate value of \$12,347,089 as of June 23, 2009 will be exchanged pursuant to this offer. The aggregate value of such options was calculated based on the Binomial option pricing model. The amount of the filing fee, calculated in accordance with Rule 0-11(b) of the Securities Exchange Act of 1934, as amended, equals \$55.80 per million dollars of the value of the transaction.

Check box if any part of the fee is offset as provided by Rule 0-11(a)(2) and identify the filing with which the offsetting fee was previously paid. Identify the previous filing by registration statement number, or the Form or Schedule and the date of its filing.

Amount Previously Paid: \$688.97  
Form or Registration No.: 005-07443

Filing party: Advanced Micro Devices, Inc.  
Date Filed: June 29, 2009

Check the box if the filing relates solely to preliminary communications made before the commencement of a tender offer.

Check the appropriate boxes below to designate any transactions to which the statement relates:

- third-party tender offer subject to Rule 14d-1.  
 issuer tender offer subject to Rule 13e-4.  
 going-private transaction subject to Rule 13e-3.  
 amendment to Schedule 13D under Rule 13d-2.

Check the following box if the filing is a final amendment reporting the results of the tender offer:

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This Amendment No. 1 (this "*Amendment No. 1*") amends and supplements the Tender Offer Statement on Schedule TO ("*Schedule TO*") filed with the Securities and Exchange Commission on June 29, 2009, relating to an offer by Advanced Micro Devices, Inc. (the "*Company*") to its employees to exchange certain outstanding options to purchase shares of the Company's common stock for replacement options to be granted under the Company's 2004 Equity Incentive Plan, as amended.

Pursuant to Rule 12b-15 under the Securities Exchange Act of 1934, as amended, this Amendment No. 1 amends and restates only the items and exhibits to the Schedule TO that are being amended and restated, and unaffected items and exhibits are not included herein.

**Item 12. Exhibits.** The Exhibit Index attached to this Schedule TO is incorporated herein by reference.

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**SIGNATURE**

After due inquiry and to the best of my knowledge and belief, I certify that the information set forth in this Amendment No. 1 to Schedule TO is true, complete and correct.

Dated: July 6, 2009

ADVANCED MICRO DEVICES, INC.

By: /s/ Robert J. Rivet

Robert J. Rivet  
Executive Vice President, Chief  
Administrative and Operating Officer and  
Chief Financial Officer

## EXHIBIT INDEX

<u>Exhibit No.</u>	<u>Description</u>
(a)(1)(i)*	Offer to Exchange Certain Outstanding Options to Purchase Common Stock For a Number of Replacement Options, dated June 29, 2009.
(a)(1)(ii)*	Internal Post and E-mail Communication Announcing Exchange Program.
(a)(1)(iii)*	E-mail Communication to Eligible AMD Employees regarding Exchange Program.
(a)(1)(iv)*	Summary of Stock Option Exchange Program.
(a)(1)(v)*	Election Concerning Exchange of Stock Options.
(a)(1)(vi)*	Screen Shots of Offer Website.
(a)(1)(vii)*	Confirmation E-mail/Letter to Employees who Elect to Participate in the Exchange Program.
(a)(1)(viii)*	Confirmation E-mail/Letter to Employees who Decline Participation in the Exchange Program.
(a)(1)(ix)*	Form of Reminder E-mail Communication to Eligible AMD Employees regarding Exchange Program.
(a)(1)(x)*	Form of Stock Option Agreement – U.S.
(a)(1)(xi)*	Form of Stock Option Agreement – Non-U.S.
(a)(1)(xii)*	Summary of Stock Option Exchange Program for Belgium Eligible Employees – in Dutch.
(a)(1)(xiii)*	Stock Option Exchange Questions and Answers.
(a)(1)(xiv)*	Transcript of Podcast to Employees.
(a)(1)(xv)*	Employee Presentation Materials.
(a)(1)(xvi)*	Form of Confirmation E-mail
(a)(1)(xvii)	Form of Reminder E-mail Communication to Eligible AMD Employees Regarding Informational Sessions.
(a)(2)	Not applicable.
(a)(3)	Not applicable.
(a)(4)	Not applicable.
(a)(5)(i)	AMD's Definitive Proxy Statement on Schedule 14A for AMD's 2009 Annual Meeting of Stockholders. Filed with the SEC on March 18, 2009 and incorporated herein by reference.
(b)	Not applicable.
(d)(1)	AMD 1992 Stock Incentive Plan, as amended. Filed as Exhibit 10.3 to AMD's Annual Report on Form 10-K for the fiscal year ended December 31, 2000, and incorporated herein by reference.
(d)(2)	AMD 1996 Stock Incentive Plan, as amended. Filed as Exhibit 10.58 to AMD's Quarterly Report on Form 10-Q for the period ended June 29, 2003, and incorporated herein by reference.
(d)(3)	AMD 1998 Stock Incentive Plan, as amended. Filed as Exhibit 10.32 to AMD's Quarterly Report on Form 10-Q for the fiscal quarter ended June 29, 2003, and incorporated herein by reference.
(d)(4)	AMD 2000 Stock Incentive Plan, as amended. Filed as Exhibit 10.12 to AMD's Quarterly Report on Form 10-Q for the fiscal quarter ended June 29, 2003, and incorporated herein by reference.
(d)(5)	AMD 2004 Equity Incentive Plan, as amended and restated. Filed as Exhibit A to AMD's Definitive Proxy Statement on Schedule 14A for AMD's 2009 Annual Meeting of Stockholders filed on March 18, 2009, and incorporated herein by reference.
(d)(6)	ATI Technologies Inc. Share Option Plan, as amended effective as of January 25, 2005. Filed as Exhibit 99.3 to AMD's Registration Statement on Form S-8 (333-138291) filed on October 30, 2006, and incorporated herein by reference.
(d)(7)	Forms of Stock Option Agreements to the 1992 Stock Incentive Plan, filed as Exhibit 4.3 to AMD's Registration Statement on Form S-8 (No. 33-46577), are hereby incorporated by reference.
(d)(8)	Forms of Stock Option Agreements, filed as Exhibit 10.8 to AMD's Annual Report on Form 10-K for the fiscal year ended December 29, 1991, are hereby incorporated by reference.
(g)	Not applicable.
(h)	Not applicable.

\* Previously Filed.

*Form of Reminder E-mail Communication to Eligible AMD Employees Regarding Informational Sessions*

There are several opportunities for you to learn more about the stock option exchange:

**On-site information sessions**

We'll be in Austin, Boxborough, Markham and Sunnyvale for on-site information sessions. These are, of course, optional sessions. Feel free to open one of the outlook meeting invitations (green text in the calendar below) and save it to your calendar.

<u>Monday July 6</u>	<u>Tuesday July 7</u>	<u>Wednesday July 8</u>	<u>Thursday July 9</u>	<u>Friday July 10</u>
<b>Austin</b> on-site sessions: <ul style="list-style-type: none"> <li>• <a href="#">9:00 am CDT</a></li> <li>• <a href="#">11:00 am CDT</a></li> </ul> B500 Multipurpose Room	<b>Boxborough</b> on-site sessions: <ul style="list-style-type: none"> <li>• <a href="#">10:30 am EDT</a></li> <li>• <a href="#">2:00 pm EDT</a></li> </ul> <b>Austin</b> on-site sessions: <ul style="list-style-type: none"> <li>• <a href="#">10:00 am CDT</a></li> <li>• <a href="#">1:00 pm CDT</a></li> </ul> B500 Multipurpose Room	<b>Markham</b> on-site sessions: <ul style="list-style-type: none"> <li>• <a href="#">9:00 am EDT</a></li> <li>• <a href="#">3:00 pm EDT</a></li> </ul> Chez Array	<b>Markham</b> on-site session: <ul style="list-style-type: none"> <li>• <a href="#">9:00 am EDT</a></li> </ul> Chez Array <b>Sunnyvale</b> on-site sessions: <ul style="list-style-type: none"> <li>• <a href="#">10:00 am PDT</a></li> <li>• <a href="#">1:00 pm PDT</a></li> <li>• <a href="#">3:00 pm PDT</a></li> </ul> Commons Auditorium	<b>Austin</b> on-site session: <ul style="list-style-type: none"> <li>• <a href="#">10:30 am CDT</a></li> </ul> B500 Multipurpose Room

**Q&A, Prerecorded Podcast, Employee Presentation and Other Important Documents**

You can access a Q&A, a pre-recorded podcast, the employee presentation we'll be reviewing in the information sessions and other important documents [here](#). You can also access the important offer documents at the offer exchange website on the Offer Documents tab.

**For additional questions**

If you still have questions after reviewing some of the aforementioned materials, please send a note to the [stock administration team](#) or [me](#).

Best regards,

Brian