

## INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

|  |   |   |  |  |   |
|--|---|---|--|--|---|
| 1. Name and Address of Reporting Person *<br>ARENAS GUSTAVO<br><br>(Last) (First) (Middle)<br>ADVANCED MICRO DEVICES,<br>INC., ONE AMD PLACE<br><br>(Street)<br>SUNNYVALE, CA 94088-3453<br><br>(City) (State) (Zip) | 2. Date of Event Requiring Statement (Month/Day/Year)<br>07/31/2008 | 3. Issuer Name and Ticker or Trading Symbol<br>ADVANCED MICRO DEVICES INC [AMD] | 4. Relationship of Reporting Person(s) to Issuer<br>(Check all applicable)<br><input type="checkbox"/> Director <input type="checkbox"/> 10% Owner<br><input type="checkbox"/> Officer (give title below) <input checked="" type="checkbox"/> Other (specify below)<br>SR VP Sales | 5. If Amendment, Date Original Filed(Month/Day/Year) | 6. Individual or Joint/Group Filing(Check Applicable Line)<br><input checked="" type="checkbox"/> Form filed by One Reporting Person<br><input type="checkbox"/> Form filed by More than One Reporting Person |
|--|---|---|--|--|---|

### Table I - Non-Derivative Securities Beneficially Owned

| 1. Title of Security (Instr. 4) | 2. Amount of Securities Beneficially Owned (Instr. 4) | 3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5) | 4. Nature of Indirect Beneficial Ownership (Instr. 5) |
|---------------------------------|---|--|---|
| Common Stock                    | 17,206.3729   | D  |   |

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

SEC 1473 (7-02)

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

### Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

| 1. Title of Derivative Security (Instr. 4) | 2. Date Exercisable and Expiration Date (Month/Day/Year) |                 | 3. Title and Amount of Securities Underlying Derivative Security (Instr. 4) |                            | 4. Conversion or Exercise Price of Derivative Security | 5. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 5) | 6. Nature of Indirect Beneficial Ownership (Instr. 5) |
|--|--|-----------------|---|----------------------------|--|---|---|
|  | Date Exercisable   | Expiration Date | Title   | Amount or Number of Shares |  |   |   |
| Stock Option Grant                         | (1)  | 09/04/2013      | Common Stock  | 9,000                      | \$ 11.7  | D   |   |
| Stock Option Grant                         | (2)  | 04/30/2011      | Common Stock  | 5,000                      | \$ 14.22   | D   |   |
| Stock Option Grant                         | (2)  | 07/28/2011      | Common Stock  | 2,917                      | \$ 11.33   | D   |   |
| Stock Option Grant                         | (3)  | 10/25/2011      | Common Stock  | 5,000                      | \$ 15.5  | D   |   |
| Stock Option Grant                         | (3)  | 02/03/2012      | Common Stock  | 5,000                      | \$ 16.66   | D   |   |
| Stock Option Grant                         | (4)  | 04/28/2012      | Common Stock  | 4,500                      | \$ 14.16   | D   |   |
| Stock Option Grant                         | (4)  | 07/27/2012      | Common Stock  | 4,500                      | \$ 20.1  | D   |   |
| Stock Option Grant                         | (4)  | 10/25/2012      | Common Stock  | 4,500                      | \$ 22.35   | D   |   |
| Stock Option Grant                         | (4)  | 02/09/2013      | Common Stock  | 2,250                      | \$ 40.06   | D   |   |
| Restricted Stock Award                     | (5)  | 02/09/2013      | Common Stock  | 180                        | \$ 0   | D   |   |
| Stock Option Grant                         | (6)  | 05/04/2013      | Common Stock  | 3,125                      | \$ 33.95   | D   |   |
| Restricted Stock Award                     | (7)  | 05/04/2013      | Common Stock  | 625                        | \$ 0   | D   |   |
| Stock Option Grant                         | (6)  | 07/27/2013      | Common Stock  | 3,125                      | \$ 18.06   | D   |   |
| Restricted Stock Award                     | (8)  | 07/27/2013      | Common Stock  | 625                        | \$ 0   | D   |   |

|                        |      |            |              |        |          |   |  |
|------------------------|------|------------|--------------|--------|----------|---|--|
| Stock Option Grant     | (6)  | 10/25/2013 | Common Stock | 3,125  | \$ 20.83 | D |  |
| Restricted Stock Award | (8)  | 10/25/2013 | Common Stock | 625    | \$ 0     | D |  |
| Stock Option Grant     | (6)  | 02/15/2014 | Common Stock | 3,125  | \$ 14.83 | D |  |
| Restricted Stock Award | (8)  | 02/15/2014 | Common Stock | 625    | \$ 0     | D |  |
| Stock Option Grant     | (11) | 05/15/2014 | Common Stock | 3,575  | \$ 15.4  | D |  |
| Restricted Stock Award | (9)  | 05/15/2014 | Common Stock | 5,720  | \$ 0     | D |  |
| Stock Option Grant     | (11) | 08/15/2014 | Common Stock | 3,575  | \$ 11.95 | D |  |
| Stock Option Grant     | (12) | 11/15/2014 | Common Stock | 15,000 | \$ 12.7  | D |  |
| Stock Option Grant     | (11) | 11/15/2014 | Common Stock | 3,575  | \$ 12.7  | D |  |
| Restricted Stock Award | (10) | 11/15/2014 | Common Stock | 6,000  | \$ 0     | D |  |
| Stock Option Grant     | (11) | 02/15/2015 | Common Stock | 3,575  | \$ 6.45  | D |  |
| Restricted Stock Award | (13) | 06/15/2015 | Common Stock | 50,000 | \$ 0     | D |  |

## Reporting Owners

| Reporting Owner Name / Address  | Relationships |           |         |             |
|---|---------------|-----------|---------|-------------|
|   | Director      | 10% Owner | Officer | Other       |
| ARENAS GUSTAVO<br>ADVANCED MICRO DEVICES, INC.<br>ONE AMD PLACE<br>SUNNYVALE, CA 94088-3453 |               |           |         | SR VP Sales |

## Signatures

Faina Medzonsky By Power of Attorney

\*\*Signature of Reporting Person

08/11/2008

Date

## Explanation of Responses:

\* If the form is filed by more than one reporting person, *see* Instruction 5(b)(v).

\*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations. *See* 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

- (1) This option is 100% vested.
- (2) This option is 100% vested.
- (3) This option is 100% vested.
- (4) This option vested 25% on 4/28/2006 then vests monthly through 4/28/2009.
- (5) This award vested 33 1/3% on 8/9/2006 then vests quarterly for the next 10 quarters.
- (6) This option vested 33 1/3% on 5/4/2007 then vests monthly through 5/4/2009.
- (7) This award vested 25% on 5/22/2007 then vests quarterly for the next 12 quarters.
- (8) This award vested 25% on 5/9/2007 then vests quarterly for the next 12 quarters.
- (9) This award vested 33 1/3% on 8/9/2008 then vests 33 1/3% annually for the next two years.
- (10) This award vested 33 1/3% on 2/9/2009 then vests 33 1/3% annually for the next two years.
- (11) This option vested 33 1/3% on 5/15/2008 then vests quarterly for the next two years.
- (12) This option vested 33 1/3% on 11/15/2008 then vests quarterly for the next two years.
- (13) This award vests 100% on 6/15/2009, subject to performance milestones.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *See* Instruction 6 for procedure.



POWER OF ATTORNEY

Know all by these presents, that the undersigned hereby constitutes and appoints each of Harry A. Wolin, Patricia K. Wells and Faina Medzonsky, signing singly, the undersigned's true and lawful attorney-in-fact to:

(1) execute for and on behalf of the undersigned, in the undersigned's capacity as an officer and/or director of AMD, Inc. (the Company), Forms 3, 4, and 5 in accordance with Section 16(a) of the Securities Exchange Act of 1934 and the rules thereunder;

(2) do and perform any and all acts for and on behalf of the undersigned which may be necessary or desirable to complete and execute any such Form 3, 4, or 5, complete and execute any amendment or amendments thereto, and timely file such form with the United States Securities and Exchange Commission and any stock exchange or similar authority; and

(3) take any other action of any type whatsoever in connection with the foregoing which, in the opinion of such attorney-in-fact, may be of benefit to, in the best interest of, or legally required by, the undersigned, it being understood that the documents executed by such attorney-in-fact on behalf of the undersigned pursuant to this Power of Attorney shall be in such form and shall contain such terms and conditions as such attorney-in-fact may approve in such attorney-in-fact's discretion.

The undersigned hereby grants to each such attorney-in-fact full power and authority to do and perform any and every act and thing whatsoever requisite, necessary, or proper to be done in the exercise of any of the rights and powers herein granted, as fully to all intents and purposes as the undersigned might or could do if personally present, with full power of substitution or revocation, hereby ratifying and confirming all that such attorney-in-fact, or such attorney-in-fact's substitute or substitutes, shall lawfully do or cause to be done by virtue of this power of attorney and the rights and powers herein granted. The undersigned acknowledges that the foregoing attorneys-in-fact, in serving in such capacity at the request of the undersigned, are not assuming, nor is the Company assuming, any of the undersigned's responsibilities to comply with Section 16 of the Securities Exchange Act of 1934.

This Power of Attorney shall remain in full force and effect until the

undersigned is no longer required to file Forms 3, 4, and 5 with respect to the undersigned's holdings of and transactions in securities issued by the Company, unless earlier revoked by the undersigned in a signed writing delivered to the foregoing attorneys-in-fact.

IN WITNESS WHEREOF, the undersigned has caused this Power of Attorney to be executed as of this 31st day of July 2008.

/s/ Gustavo Arenas

Signature

Gustavo Arenas

Name