

## FORM 4

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

OMB APPROVAL

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## STATEMENT OF CHANGES IN 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

☐ Check this box if no  
longer subject to  
Section 16. Form 4 or  
Form 5 obligations  
may continue. See  
Instruction 1(b).

(Print or Type Responses)

|   |  |  |                                      |  |  |   |   |
|---|--|--|--------------------------------------|--|--|---|---|
| 1. Name and Address of Reporting Person *<br>ARENAS GUSTAVO               |  | 2. Issuer Name and Ticker or Trading Symbol<br>ADVANCED MICRO DEVICES INC [AMD]  |                                      | 5. 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 |  |   |   |
| (Last) (First) (Middle)<br>ADVANCED MICRO DEVICES, INC., ONE<br>AMD PLACE |  | 3. Date of Earliest Transaction (Month/Day/Year)<br>08/09/2008                   |                                      |  |  |   |   |
| (Street)<br>SUNNYVALE, CA 94088-3453                                      |  | 4. 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  |  |   |   |
| (City) (State) (Zip)  |  | Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned |                                      |  |  |   |   |
| 1. Title of Security<br>(Instr. 3)  | 2. Transaction<br>Date<br>(Month/Day/Year) | 2A. Deemed<br>Execution Date, if<br>any<br>(Month/Day/Year)                      | 3. Transaction<br>Code<br>(Instr. 8) | 4. Securities Acquired<br>(A) or Disposed of (D)<br>(Instr. 3, 4 and 5)  | 5. Amount of Securities Beneficially<br>Owned Following Reported<br>Transaction(s)<br>(Instr. 3 and 4) | 6. Ownership<br>Form:<br>Direct (D)<br>or Indirect<br>(I)<br>(Instr. 4) | 7. Nature<br>of Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |
|   |  |  | Code V                               | Amount (A) or (D) Price  |  |   |   |
| Common Stock  | 08/09/2008                                 |  | M                                    | 2,779 A \$ 0   | 19,406   | D   |   |
| Common Stock  | 08/09/2008                                 |  | F                                    | 579 D \$ 5.13  | 18,827   | D   |   |

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

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Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned  
(e.g., puts, calls, warrants, options, convertible securities)

| 1. Title of<br>Derivative<br>Security<br>(Instr. 3) | 2. Conversion<br>or Exercise<br>Price of<br>Derivative<br>Security | 3. Transaction<br>Date<br>(Month/Day/Year) | 3A. Deemed<br>Execution Date, if<br>any<br>(Month/Day/Year) | 4. Transaction<br>Code<br>(Instr. 8) | 5. Number<br>of<br>Derivative<br>Securities<br>Acquired<br>(A) or<br>Disposed<br>of (D)<br>(Instr. 3, 4,<br>and 5) | 6. Date Exercisable and<br>Expiration Date<br>(Month/Day/Year) | 7. Title and Amount<br>of Underlying<br>Securities<br>(Instr. 3 and 4) | 8. Price of<br>Derivative<br>Security<br>(Instr. 5) | 9. Number of<br>Derivative<br>Securities<br>Beneficially<br>Owned<br>Following<br>Reported<br>Transaction(s)<br>(Instr. 4) | 10. Ownership<br>Form of<br>Derivative<br>Security:<br>Direct (D)<br>or Indirect<br>(I)<br>(Instr. 4) | 11. Nature<br>of Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |
|---|--|--|---|--------------------------------------|--|--|--|---|--|---|--|
|   |  |  |   | Code V                               | (A) (D)  | Date<br>Exercisable<br>Expiration<br>Date                      | Title<br>Amount<br>or<br>Number<br>of<br>Shares                        |   |  |   |  |
| Restricted<br>Stock<br>Units                        | \$ 0   | 08/09/2008                                 |   | M                                    |  | 08/09/2008 02/09/2013  | Common<br>Stock 60   | \$ 0  | 120  | D   |  |
| Restricted<br>Stock<br>Units                        | \$ 0   | 08/09/2008                                 |   | M                                    |  | 08/09/2008 07/27/2013  | Common<br>Stock 78   | \$ 0  | 547  | D   |  |
| Restricted<br>Stock<br>Units                        | \$ 0   | 08/09/2008                                 |   | M                                    |  | 08/09/2008 10/25/2013  | Common<br>Stock 78   | \$ 0  | 547  | D   |  |
| Restricted<br>Stock<br>Units                        | \$ 0   | 08/09/2008                                 |   | M                                    |  | 08/09/2008 02/15/2014  | Common<br>Stock 78   | \$ 0  | 547  | D   |  |
| Restricted<br>Stock<br>Units                        | \$ 0   | 08/09/2008                                 |   | M                                    |  | 08/09/2008 05/15/2014  | Common<br>Stock 1,906  | \$ 0  | 3,814  | 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           | 08/12/2008          |
| <small>**Signature of Reporting Person</small> | <small>Date</small> |

Explanation of Responses:

- \* If the form is filed by more than one reporting person, *see* Instruction 4(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).

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

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