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

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

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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

| (Print or Type | e Responses |) | | | | | | | | | | | |
|---|---------------|------------------------|--|---|--------------|---------|------------------------------------|---------------|---------------|---|--|-------------------------|--|
| 1. Name and Address of Reporting Person * MCCOY THOMAS M | | | | 2. Issuer Name and Ticker or Trading Symbol ADVANCED MICRO DEVICES INC [AMD] | | | | | | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner | | | |
| (Last) (First) (Middle) ADVANCED MICRO DEVICES, INC., ONE AMD PLACE | | | | 3. Date of Earliest 7 08/28/2006 | Transaction | (Mon | th/Day/Ye | ear) | | | | | |
| SUNNYV | ALE, CA | (Street) 94088-3453 | | 4. If Amendment, Γ | Date Origina | ıl File | d(Month/Da | y/Year) | | 6. Individual or Joint/Group Filing(Chec_X_ Form filed by One Reporting Person_ Form filed by More than One Reporting Perso | ** | e) | |
| (City | ·) | (State) | (Zip) | Table I - Non-Derivative Securities Acquired, Disposed of, or Bene | | | | | | | ned | | |
| 1. Title of Security (Instr. 3) | | | 2. Transaction Date (Month/Day/Year) | 2A. Deemed Execution Date, if any (Month/Day/Year) 3. Transaction Code (Instr. 8) | | tion | 4. Secur or Dispo (Instr. 3, | sed of (| | 5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4) | 6. Ownership Form: Direct (D) | Beneficial Ownership | |
| | | | | | Code | V | Amount | (A) or (D) | Price | | or Indirect (I) (Instr. 4) | (Instr. 4) | |
| Common | Stock | | 08/28/2006 | | M | | 3,750 | A | \$ 11.69 | 64,033 | D | | |
| Common | Stock | | 08/28/2006 | | S <u>(1)</u> | | 3,750 | D | \$ 24.5017 | 60,283 | D | | |
| Reminder: R indirectly. | Report on a s | eparate line for eac | h class of securities b | eneficially owned di | irectly or | in th | is form | are no | t required | collection of information contain to respond unless the form disp of number. | | 1474 (9-02) | |
| | | | Table I | I - Derivative Secur | | red, I | Disposed (| of, or B | eneficially | | | | |
| 1 Title of | 2. | 3 Transaction | 3A Deemed | | mber 6 E | _ | | | | and Amount 8 Price of 9 Number of | of 10 | 11 Natura | |

| | 1. Title of | 2. | 3. Transaction | 3A. Deemed | 4. | | N | umber | 6. Date Exercis | sable and | /. Title and | Amount | 8. Price of | 9. Number of | 10. | 11. Nature |
|----|-------------|-------------|------------------|--------------------|------------|------------|---------------------|-----------|------------------|------------|------------------|--------|-------------|----------------|-------------|-------------|
| | Derivative | Conversion | Date | Execution Date, if | Transact | oction of | | | Expiration Date | | of Underlying | | Derivative | Derivative | Ownership | of Indirect |
| | Security | or Exercise | (Month/Day/Year) | any | Code | | Derivative | | (Month/Day/Year) | | Securities | | Security | Securities | Form of | Beneficial |
| | (Instr. 3) | Price of | | (Month/Day/Year) | (Instr. 8) | Securities | | ırities | | | (Instr. 3 and 4) | | (Instr. 5) | Beneficially | Derivative | Ownership |
| | | Derivative | | | | Acquired | | uired | | | | | | Owned | Security: | (Instr. 4) |
| | | Security | | | | | (A) or | | | | | | | Following | Direct (D) | |
| | | | | | | | Disp | osed | | | | | | Reported | or Indirect | |
| | | | | | | | of (I | D) | | | | | | Transaction(s) | (I) | |
| | | | | | | | (Inst | tr. 3, 4, | | | | | | (Instr. 4) | (Instr. 4) | |
| | | | | | | | and 5) | | | | | | | | | |
| | | | | | | | | | | | | Amount | | | | |
| | | | | | | | | | D. | p | | or | | | | |
| | | | | | | | | | | Expiration | Title | Number | | | | |
| | | | | | | | | | Exercisable | Date | | of | | | | |
| | | | | | Code | V | (A) | (D) | | | | Shares | | | | |
| Ì | Employee | | | | | | | | | | C | | | | | |
| | Stock | \$ 11.69 | 08/28/2006 | | M | | | 3.750 | 04/25/2005 | 04/24/2012 | Common | 3,750 | \$ 0 | 14,758 | D | |
| | Option | 4 - 1 . 0 > | 22.22.200 | | | | | -, | | | Stock | 2,.00 | + 0 | ,,,,, | | |
| Į. | | | | | | | | | | | | | | | | |

Reporting Owners

| | Reporting Owner Name / Address | | Relationships | | | | | | | |
|--|---|--|---------------|--------------------------|-------|--|--|--|--|--|
| | | | 10% Owner | Officer | Other | | | | | |
| | MCCOY THOMAS M ADVANCED MICRO DEVICES, INC. DNE AMD PLACE SUNNYVALE, CA 94088-3453 | | | EVP, Chief Admin Officer | | | | | | |

Signatures

| Thomas M. McCoy | 08/29/2006 | | | |
|-------------------------------|------------|--|--|--|
| Signature of Reporting Person | Date | | | |

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).
- (1) The sales reported in this Form 4 were effected pursuant to a Rule 10b5-1 trading plan adopted by the reporting person on May 19, 2006.

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

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