

(Print or Type 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 _____ <input checked="" type="checkbox"/> Officer (give title below) _____ Other (specify below) _____ EVP, Chief Admin Officer | | | | | |
| (Last) (First) (Middle) ADVANCED MICRO DEVICES, INC., ONE AMD PLACE | | 3. Date of Earliest Transaction (Month/Day/Year) 12/12/2005 | | | | | | | |
| (Street) SUNNYVALE, CA 94088-3453 | | 4. If Amendment, Date Original Filed(Month/Day/Year) | | 6. Individual or Joint/Group Filing(Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <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 (Instr. 3) | 2. Transaction Date (Month/Day/Year) | 2A. Deemed Execution Date, if any (Month/Day/Year) | 3. Transaction Code (Instr. 8) | 4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) | | | 5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Indirect Beneficial Ownership (Instr. 4) |
| | | | Code | V | Amount | (A) or (D) | Price | | |
| Common Stock | 12/12/2005 | | M | | 2,500 | A | \$ 12.4 | 32,658 | D |
| Common Stock | 12/12/2005 | | M | | 3,750 | A | \$ 8.46 | 36,408 | D |
| Common Stock | 12/12/2005 | | M | | 1,250 | A | \$ 13.88 | 37,658 | D |
| Common Stock | 12/12/2005 | | S(1) | | 3,750 | D | \$ 27.25 | 33,908 | D |
| Common Stock | 12/12/2005 | | S(1) | | 3,000 | D | \$ 27.4501 | 30,908 | 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 Derivative Security (Instr. 3) | 2. Conversion or Exercise Price of Derivative Security | 3. Transaction Date (Month/Day/Year) | 3A. Deemed Execution Date, if any (Month/Day/Year) | 4. Transaction Code (Instr. 8) | 5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5) | 6. Date Exercisable and Expiration Date (Month/Day/Year) | | 7. Title and Amount of Underlying Securities (Instr. 3 and 4) | | 8. Price of Derivative Security (Instr. 5) | 9. Number of Derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4) | 10. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 4) | 11. Nature of Indirect Beneficial Ownership (Instr. 4) | |
| | | | | Code | V | (A) | (D) | Date Exercisable | Expiration Date | Title | Amount or Number of Shares | | | |
| Employee Stock Option | \$ 12.4 | 12/12/2005 | | M | | | 2,500 | 11/08/2003 | 11/08/2011 | Common Stock | 2,500 | \$ 0 | 0 | D |
| Employee Stock Option | \$ 8.46 | 12/12/2005 | | M | | | 3,750 | 04/25/2005 | 07/24/2012 | Common Stock | 3,750 | \$ 0 | 14,965 | D |
| Employee Stock Option | \$ 13.88 | 12/12/2005 | | M | | | 1,250 | 07/10/2001 | 04/30/2008 | Common Stock | 1,250 | \$ 0 | 98,750 | D |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | |
|--|---------------|-----------|--------------------------|-------|
| | Director | 10% Owner | Officer | Other |
| MCCOY THOMAS M ADVANCED MICRO DEVICES, INC. | | | EVP, Chief Admin Officer | |

| | | | | |
|---|--|--|--|--|
| ONE AMD PLACE SUNNYVALE, CA 94088-3453 | | | | |
|---|--|--|--|--|

Signatures

| | |
|---|------------|
| Hollis M. O'Brien By Power of Attorney | 12/14/2005 |
|  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 August 7, 2005.

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.