# FORM 4

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

## 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 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) |
|---|---|---|
| (Last) (First) (Middle) ADVANCED MICRO DEVICES, INC., ONE AMD PLACE | 3. Date of Earliest Transaction (Month/Day/Year) 08/22/2005 | ___ Director ___ 10% Owner _X_ Officer (give title below) ___ Other (specify below) EVP, Chief Admin Officer |
| (Street) SUNNYVALE, CA 94088-3453 | 4. If Amendment, Date Original Filed(Month/Day/Year) | 6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person ___ 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 | 08/22/2005 | | M | | 2,500 | A | $ 7.16 | 22,408 | D | |
| Common Stock | 08/22/2005 | | M | | 5,000 | A | $ 12.4 | 27,408 | D | |
| Common Stock | 08/22/2005 | | S[(1)] | | 1,250 | D | $ 20.6 | 26,158 | D | |
| Common Stock | 08/22/2005 | | S[(1)] | | 2,250 | D | $ 20.63 | 23,908 | D | |
| Common Stock | 08/22/2005 | | S[(1)] | | 2,500 | D | $ 20.64 | 21,408 | D | |
| Common Stock | 08/22/2005 | | S[(1)] | | 750 | D | $ 20.72 | 20,658 | D | |

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

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.

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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 | $ 7.16 | 08/22/2005 | | M | | | 2,500 | 05/01/2004 | 08/01/2013 | Common Stock | 2,500 | $ 0 | 26,250 | D | |
| Employee Stock Option | $ 12.4 | 08/22/2005 | | M | | | 5,000 | 11/08/2003 | 11/08/2011 | Common Stock | 5,000 | $ 0 | 45,000 | D | |

# Reporting Owners

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

| ADVANCED MICRO DEVICES, INC. ONE AMD PLACE SUNNYVALE, CA 94088-3453 | | | | |
|---|---|---|---|---|

# Signatures

Hollis M. O'Brien As Power of Attorney

08/24/2005

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.