| FORM 4 |
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| 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 Responses)   |  |   |   |      |   |  |                  |  |   |   |  |  |  |
|---|--|---|---|------|---|--|------------------|--|---|---|--|--|--|
| 1. Name and Address of Reporting Person -<br>RICHARD HENRI F            | 2. Issuer Name an<br>ADVANCED M  |   |   |      |   | 5. Relationship of Reporting Person(s) to Issuer<br>(Check all applicable)<br>Director 10% Owner |                  |  |   |   |  |  |  |
| (Last) (First)<br>ADVANCED MICRO DEVICES, 1<br>AMD PLACE                |  | 3. Date of Earliest 7<br>01/03/2006                         | Fransaction   | (Mon | th/Day/Ye   | ear)   |                  | X_Officer (give title below) Officer (give title below) Officer (give title below) EVP Chf Sales & M   | Officer (give title below) Other (specify below)<br>EVP Chf Sales & Mkt Off |   |  |  |  |
| (Street)<br>SUNNYVALE, CA 94088-3453                                    |  | 4. If Amendment, I  | nent, Date Original Filed(Month/Day/Year)<br><u> </u> |      |   |  |                  |  |   |   |  |  |  |
| (City) (State)  | Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned |   |   |      |   |  |                  |  |   |   |  |  |  |
| 1. Title of Security 2. Transaction   [Instr. 3) Date   (Month/Day/Year |  | 2A. Deemed<br>Execution Date, if<br>any<br>(Month/Day/Year) | 3. Transaction<br>Code<br>(Instr. 8)                  |      | 4. Securities Acq<br>or Disposed of (I<br>(Instr. 3, 4 and 5)<br>(A) or |  | quired (A)<br>D) | 5. Amount of Securities Beneficially<br>Owned Following Reported<br>Transaction(s)<br>(Instr. 3 and 4) | 6.<br>Ownership<br>Form:<br>Direct (D)<br>or Indirect<br>(I)                | 7. Nature<br>of Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |  |  |  |
|   |  |   | Code  | V    | Amount  | (D)  | Price            |  | (Instr. 4)  |   |  |  |  |
| Common Stock  | 01/03/2006   |   | М   |      | 6,814   | А  |                  | 24,419   | D   |   |  |  |  |
| Common Stock  | 01/03/2006   |   | М   |      | 1,050   | А  | \$ 7.36          | 25,469   | D   |   |  |  |  |
| Common Stock  | 01/03/2006   |   | М   |      | 1,172   | А  | \$ 7.16          | 26,641   | D   |   |  |  |  |
| Common Stock  | 01/03/2006   |   | М   |      | 1,172   | А  | \$ 15.2          | 27,813   | D   |   |  |  |  |
| Common Stock  | 01/03/2006   |   | М   |      | 1,172   | А  | \$ 14.64         | 28,985   | D   |   |  |  |  |
| Common Stock  | 01/03/2006   |   | М   |      | 760   | А  | \$ 14.22         | 29,745   | D   |   |  |  |  |
| Common Stock  | 01/03/2006   |   | М   |      | 1,736   | А  | \$ 11.33         | 31,481   | D   |   |  |  |  |
| Common Stock  | 01/03/2006   |   | М   |      | 2,930   | А  | \$ 15.5          | 34,411   | D   |   |  |  |  |
| Common Stock  | 01/03/2006   |   | М   |      | 1,954   | А  | \$ 16.66         | 36,365   | D   |   |  |  |  |
| Common Stock  | 01/03/2006   |   | S <sup>(1)</sup>                                      |      | 910   | D  | \$ 31.05         | 35,455   | D   |   |  |  |  |
| Common Stock  | 01/03/2006   |   | S <sup>(1)</sup>                                      |      | 5,500   | D  | \$<br>31.2238    | 29,955   | D   |   |  |  |  |
| Common Stock  | 01/03/2006   |   | S <sup>(1)</sup>                                      |      | 5,600   | D  | \$<br>31.2653    |  | D   |   |  |  |  |
| Common Stock  | 01/03/2006   |   | S <sup>(1)</sup>                                      |      | 500   | D  | \$ 31.34         |  | D   |   |  |  |  |
| Common Stock  | 01/03/2006   |   | S <sup>(1)</sup>                                      |      | 900   | D  | \$ 31.36         | 22,955   | D   |   |  |  |  |
| Common Stock  | 01/03/2006   |   | S <sup>(1)</sup>                                      |      | 500   | D  | \$ 31.46         | 22,455   | D   |   |  |  |  |
| Common Stock  | 01/03/2006   |   | S <sup>(1)</sup>                                      |      | 1,100   | D  | \$ 31.5          | 21,355   | 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.

| Table II | l - Deriv | ative | Securit | ties Acquired, | Disposed of, or | Beneficially Ov | wned |
|----------|-----------|-------|---------|----------------|-----------------|-----------------|------|
|          | 1         |       |         |                |                 | ••              |      |

|                   |             |                  |                    | ( <i>e.g.</i> , p | uts, | calls          | , warrai            | nts, options, co | nvertible secur | rities)         |               |            |                |             |             |
|-------------------|-------------|------------------|--------------------|-------------------|------|----------------|---------------------|------------------|-----------------|-----------------|---------------|------------|----------------|-------------|-------------|
| 1. Title of       | 2.          | 3. Transaction   | 3A. Deemed         | 4. 5. Number      |      | 6. Date Exerci | 7. Title and Amount |                  | 8. Price of     | 9. Number of    | 10.           | 11. Nature |                |             |             |
| Derivative        | Conversion  | Date             | Execution Date, if | Transac           | tion | of             |                     | Expiration Dat   | Expiration Date |                 | of Underlying |            | Derivative     | Ownership   | of Indirect |
| Security          | or Exercise | (Month/Day/Year) | any                | Code              |      | Deri           | vative              | (Month/Day/Y     | ear)            | Securities      |               | Security   | Securities     | Form of     | Beneficial  |
| (Instr. 3)        | Price of    |                  | (Month/Day/Year)   | (Instr. 8         | )    | Secu           | urities             |                  |                 | (Instr. 3 and   | 4)            | (Instr. 5) | Beneficially   | Derivative  | Ownership   |
|                   | Derivative  |                  |                    |                   |      | Acq            | uired               |                  |                 |                 |               |            | Owned          | Security:   | (Instr. 4)  |
|                   | Security    |                  |                    |                   |      | (A)            | or                  |                  |                 |                 |               |            | Following      | Direct (D)  |             |
|                   |             |                  |                    |                   |      | Disp           | osed                |                  |                 |                 |               |            | Reported       | or Indirect |             |
|                   |             |                  |                    |                   |      | of (l          | D)                  |                  |                 |                 |               |            | Transaction(s) | (I)         |             |
|                   |             |                  |                    |                   |      | (Ins           | tr. 3, 4,           |                  |                 |                 |               |            | (Instr. 4)     | (Instr. 4)  |             |
|                   |             |                  |                    |                   |      | and            | 5)                  |                  |                 |                 |               |            |                |             |             |
|                   |             |                  |                    |                   |      |                |                     |                  |                 |                 | Amount        |            |                |             |             |
|                   |             |                  |                    |                   |      |                |                     | Data             | Emination       |                 | or            |            |                |             |             |
|                   |             |                  |                    |                   |      |                |                     |                  | Expiration      | Title           | Number        |            |                |             |             |
|                   |             |                  |                    |                   |      |                |                     | Exercisable      | Date            |                 | of            |            |                |             |             |
|                   |             |                  |                    | Code              | V    | (A)            | (D)                 |                  |                 |                 | Shares        |            |                |             |             |
| Employee<br>Stock | \$ 14.75    | 01/03/2006       |                    | М                 |      |                | 6,814               | 04/27/2005       | 04/01/2012      | Common<br>Stock | 6,814         | \$ 0       | 65,930         | D           |             |
| Option            |             |                  |                    |                   |      |                |                     |                  |                 |                 |               |            |                |             |             |

| Employee<br>Stock<br>Option | \$ 7.36  | 01/03/2006 | М | 1,050 | <u>(2)</u> | 05/01/2013 | Common<br>Stock | 1,050 | \$ 0 | 13,500 | D |  |
|-----------------------------|----------|------------|---|-------|------------|------------|-----------------|-------|------|--------|---|--|
| Employee<br>Stock<br>Option | \$ 7.16  | 01/03/2006 | М | 1,172 | <u>(3)</u> | 08/01/2013 | Common<br>Stock | 1,172 | \$ 0 | 12,890 | D |  |
| Employee<br>Stock<br>Option | \$ 15.2  | 01/03/2006 | М | 1,172 | 04/27/2005 | 10/31/2013 | Common<br>Stock | 1,172 | \$ 0 | 12,890 | D |  |
| Employee<br>Stock<br>Option | \$ 14.64 | 01/03/2006 | М | 1,172 | 04/27/2005 | 02/02/2014 | Common<br>Stock | 1,172 | \$ 0 | 12,890 | D |  |
| Employee<br>Stock<br>Option | \$ 14.22 | 01/03/2006 | М | 760   | <u>(4)</u> | 04/30/2011 | Common<br>Stock | 760   | \$ 0 | 27,450 | D |  |
| Employee<br>Stock<br>Option | \$ 11.33 | 01/03/2006 | М | 1,736 | <u>(4)</u> | 07/28/2011 | Common<br>Stock | 1,736 | \$ 0 | 22,570 | D |  |
| Employee<br>Stock<br>Option | \$ 15.5  | 01/03/2006 | М | 2,930 | 04/27/2005 | 10/25/2011 | Common<br>Stock | 2,930 | \$ 0 | 16,600 | D |  |
| Employee<br>Stock<br>Option | \$ 16.66 | 01/03/2006 | М | 1,954 | 04/27/2005 | 02/03/2012 | Common<br>Stock | 1,954 | \$ 0 | 21,480 | D |  |

# **Reporting Owners**

| Banasting Owner Name / Address   | Relationships |           |                         |       |  |  |  |  |
|--|---------------|-----------|-------------------------|-------|--|--|--|--|
| Reporting Owner Name / Address   | Director      | 10% Owner | Officer                 | Other |  |  |  |  |
| RICHARD HENRI F<br>ADVANCED MICRO DEVICES, INC.<br>ONE AMD PLACE<br>SUNNYVALE, CA 94088-3453 |               |           | EVP Chf Sales & Mkt Off |       |  |  |  |  |

# Signatures

Hollis M. O'Brien By Power of Attorney

\*\*Signature of Reporting Person

01/05/2006 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 19, 2005.
- (2) The option vests 25% on 5/1/04, then monthly through 5/1/07.
- (3) The option vests 33 1/3% on 5/1/04, then monthly through 5/1/06.
- (4) The option vests 33 1/3% on 4/30/05, then monthly through 4/30/07.

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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