| F | 0 | R | RM | 4 |
|---|---|---|----|---|
| | | | | |

| 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)

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

OMB APPROVAL OMB Number: 3235-0287 Estimated average burden hours per response... 0.5

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

| 2. Issuer Name an ADVANCED M | d Ticker or | Fradin | G 1 1 | | | | | | | |
|-------------------------------------|--|---|---|---|---|--|---|---|--|--|
| | IICRO DE | | · · | | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner | | | | | |
| 3. Date of Earliest T 04/03/2006 | Fransaction (| Montl | n/Day/Yea | r) | _X_Officer (give title below)Other (specify below) President & COO | | | | | |
| 4. If Amendment, D | 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 | | | | | |
| | Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned | | | | | | | | | |
| Execution Date, if any | f Code (Instr. 8) | | | isposed o | of (D) | 5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4) | | 7. Nature of Indirect Beneficial Ownership (Instr. 4) | | |
| | Code | v | Amount | (A) or (D) | Price | | (I) (Instr. 4) | | | |
| | М | | 4,300 | А | \$ 11.69 | 67,991 | D | | | |
| | М | | 450 | А | \$ 9.72 | 68,441 | D | | | |
| | М | | 5,000 | А | \$ 12.4 | 73,441 | D | | | |
| | М | | 1,000 | А | \$ 7.36 | 74,441 | D | | | |
| | М | | 1,000 | А | \$ 7.16 | 75,441 | D | | | |
| | М | | 2,000 | А | \$ 11.33 | 77,441 | D | | | |
| | S ⁽¹⁾ | | 4,500 | D | \$ 33.07 | 72,941 | D | | | |
| | S ⁽¹⁾ | | 936 | D | \$ 32.9 | 72,005 | D | | | |
| | S ⁽¹⁾ | | 2,738 | D | \$ 32.81 | 69,267 | D | | | |
| | S ⁽¹⁾ | | 1,072 | D | \$ 32.6 | 68,195 | D | | | |
| | S ⁽¹⁾ | | 331 | D | \$ 32.58 | 67,864 | D | | | |
| | S ⁽¹⁾ | | 930 | D | \$ 32.5 | 66,934 | D | | | |
| | S ⁽¹⁾ | | 933 | D | \$ 32.33 | 66,001 | D | | | |
| | S ⁽¹⁾ | | 935 | D | \$ 32.31 | 65,066 | D | | | |
| | 04/03/2006 4. If Amendment, I n 2A. Deemed Execution Date, it any (Month/Day/Year i < | 04/03/2006 4. If Amendment, Date Original 2A. Deemed Execution Date, if any (Month/Day/Year) 2A. Deemed Execution Date, if any (Month/Date, if any (M | 04/03/2006 4. If Amendment, Date Original Filed 5. 2A. Deemed Execution Date, if any (Instr. 8) 5. 2A. Deeme | 04/03/2006 4. If Amendment, Date Original Filed(Month/Day/ Table I - Non-Derivative 1 2A. Deemed Execution Date, if any (Month/Day/Year) 3. Transaction Code (Instr. 8) 4. Securi (A) or D (Instr. 3, (Month/Day/Year) Code V Amount M 4,300 M 4,300 M M 5,000 M 1,000 M M 1,000 M 1,000 M S,000 M 1,000 M 2,000 M S(1) S(1) 936 S(1) 2,738 M S(1) S(1) 331 S(1) 331 M S(1) S(1) 930 S(1) 930 | 4. If Amendment, Date Original Filed(Month/Day/Year) 4. If Amendment, Date Original Filed(Month/Day/Year) 2A. Deemed Execution Date, if any (Month/Day/Year) 3. Transaction Code (Date: 8) 4. Securities Acq (A) or Disposed (Instr. 8) 2M. Deemed Execution Date, if any (Month/Day/Year) 3. Transaction Code (Date: 8) 4. Securities Acq (A) or Disposed (Instr. 3, 4 and 5) 2M. Deemed Execution Date, if any (Month/Day/Year) 3. Transaction Code (Date: 8) 4. Securities Acq (A) or Disposed (Instr. 3, 4 and 5) 2M. Deemed (Month/Day/Year) M 4,300 A 2M. Deemed (Instr. 3, 4 and 5) M 4,300 A 2M. Deemed (Instr. 3, 4 and 5) M 4,300 A 2M. Deemed (Instr. 3, 4 and 5) M 4,300 A 2M. Deemed (Instr. 3, 4 and 5) M 4,300 A 2M. Deemed (Instr. 3, 4 and 5) M 1,000 A 2M. Deemed (Instr. 4, 500 M 1,000 A 2M. Deemed (Instr. 4, 500 D S(1) 936 D 2M. Deemed (Instr. 4, 500 S(1) 331 D 2M. Deemed (Instr. 4, 500 S(1) 930 D M. Deemed (Instr. 4, 500 S(1) | 04/03/2006 4. If Amendment, Date Original Filed(Month/Day/Year) Table 1 - Non-Derivative Securities Acquired A. Deemed 3. Transaction 4. Securities Acquired M A. Securities Acquired A. Or Disposed of (D) M M 4,300 A M M 4,300 A \$ M M 4,300 A \$ \$ M M 4,300 A \$ \$ \$ \$ M M 4,300 A \$ </td <td>$\begin{array}{c c c c c c c c c c c c c c c c c c c$</td> <td>$\begin{array}{c c c c c c c c c c c c c c c c c c c$</td> | $ \begin{array}{c c c c c c c c c c c c c c c c c c c $ | $ \begin{array}{c c c c c c c c c c c c c c c c c c c $ | | |

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 SEC 1474 (9-02) in this form are not required to respond unless the form displays a currently valid OMB control number.

 Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned

 (a.g., math. and math. and the mathematical securities)

| | (<i>e.g.</i> , puts, cans, warrants, options, convertible securities) | | | | | | | | | | | |
|-------------|--|------------------|--------------------|-------------|---------------|-------------------------|---------------------|-------------|----------------|-------------|-------------|--|
| 1. Title of | 2. | 3. Transaction | 3A. Deemed | 4. | 5. Number | 6. Date Exercisable and | 7. Title and Amount | 8. Price of | 9. Number of | 10. | 11. Nature | |
| Derivative | Conversion | Date | Execution Date, if | Transaction | 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 | | (Instr. 3 and 4) | (Instr. 5) | Beneficially | Derivative | Ownership | |
| | Derivative | | | | Acquired | | | | Owned | Security: | (Instr. 4) | |
| | Security | | | | (A) or | | | | Following | Direct (D) | | |
| | | | | | Disposed | | | | Reported | or Indirect | | |
| | | | | | of (D) | | | | Transaction(s) | (I) | | |
| | | | | | (Instr. 3, 4, | | | | (Instr. 4) | (Instr. 4) | | |
| | | | | | and 5) | | | | | | | |
| | | | | | | | | | | | | |

| | | | Code | v | (A) | | Date Exercisable | Expiration Date | Title | Amount or Number of Shares | | | | |
|-----------------------------|----------|------------|------|---|-----|-------|---------------------|--------------------|-----------------|--|------|--------|---|--|
| Employee Stock Option | \$ 11.69 | 04/03/2006 | М | | | 1,300 | 04/10/2002 | 03/26/2008 | Common Stock | 1,300 | \$ 0 | 7,800 | D | |
| Employee Stock Option | \$ 9.72 | 04/03/2006 | М | | | 450 | 08/15/2002 | 08/15/2008 | Common Stock | 450 | \$ 0 | 2,700 | D | |
| Employee Stock Option | \$ 12.4 | 04/03/2006 | М | | | 5,000 | 11/08/2003 | 11/08/2011 | Common Stock | 5,000 | \$ 0 | 30,000 | D | |
| Employee Stock Option | \$ 11.69 | 04/03/2006 | М | | | 3,000 | <u>(2)</u> | 04/24/2012 | Common Stock | 3,000 | \$ 0 | 18,000 | D | |
| Employee Stock Option | \$ 7.36 | 04/03/2006 | М | | | 1,000 | <u>(3)</u> | 05/01/2013 | Common Stock | 1,000 | \$ 0 | 6,000 | D | |
| Employee Stock Option | \$ 7.16 | 04/03/2006 | М | | | 1,000 | <u>(3)</u> | 08/01/2013 | Common Stock | 1,000 | \$ 0 | 6,000 | D | |
| Employee Stock Option | \$ 11.33 | 04/03/2006 | М | | | 2,000 | <u>(4)</u> | 07/28/2011 | Common Stock | 2,000 | \$ 0 | 24,500 | D | |

Reporting Owners

| Beneuting Owner Name / Address | Relationships | | | | | | |
|--|---------------|-----------|-----------------|-------|--|--|--|
| Reporting Owner Name / Address | Director | 10% Owner | Officer | Other | | | |
| MEYER DERRICK R ADVANCED MICRO DEVICES. INC. ONE AMD PLACE SUNNYVALE, CA 94088-3453 | | | President & COO | | | | |

Signatures

Signature of Reporting Person

D. Meyer

04/04/2006 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 January 31, 2006
- (2) This option vests 25% on 4/25/2003 then remaining shares vest monthly through 4/25/2006.
- (3) This option vests 33 1/3% on 5/1/2004 then remaining shares vest monthly through 5/1/2006.
- (4) This option vests 33 1/3 % on 4/30/2005 then remaining shares vest monthly through 4/30/2007.

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.