

(Print or Type Responses)

1. Name and Address of Reporting Person FLECK JAMES D		2. Issuer Name and Ticker or Trading Symbol ADVANCED MICRO DEVICES INC [AMD]		5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director ____ Officer (give title below) <input type="checkbox"/> 10% Owner ____ Other (specify below)					
(Last) (First) (Middle) ADVANCED MICRO DEVICES, INC., ONE AMD PLACE		3. Date of Earliest Transaction (Month/Day/Year) 10/25/2006							
(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)			

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. SEC 1474 (9-02)

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				
Common Stock	\$ 9.18	10/25/2006		A		23,990		10/25/2006	01/31/2007	Common Stock	23,990	(1)	23,990	D	
Ccmmon Stock	\$ 19.03	10/25/2006		A		23,990		10/25/2006	01/31/2008	Common Stock	23,990	(2)	23,990	D	

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
FLECK JAMES D ADVANCED MICRO DEVICES, INC. ONE AMD PLACE SUNNYVALE, CA 94088-3453	X			

Signatures

Hollis M. O'Brien By Power of Attorney

\*\*Signature of Reporting Person

10/27/2006

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) Received in connection with the Acquisition ("Acquisition") of ATI Technologies Inc. ("ATI") by Advanced Micro Devices, Inc., which included the assumption of ATI's employee stock option plan, in exchange for an employee stock option to acquire 25,000 shares of ATI common stock for (CAD) \$9.92 per share.
- (2) Received in connection with the Acquisition of ATI by Advanced Micro Devices, Inc., which included the assumption of ATI's employee stock option plan, in exchange for an employee stock option to acquire 25,000 shares of ATI common stock for (CAD) \$20.58 per share.

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.