

(Print or Type Responses)

1. Name and Address of Reporting Person * MCCOY THOMAS M		2. Issuer Name <b>and</b> Ticker or Trading Symbol ADVANCED MICRO DEVICES INC [AMD]		5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <div>Director X Officer (give title below)      10% Owner Other (specify below)</div> EVP, Legal, Corp & Pub Affairs					
(Last) (First) (Middle) ADVANCED MICRO DEVICES, INC., ONE AMD PLACE		3. Date of Earliest Transaction (Month/Day/Year) 02/22/2010							
(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	02/22/2010		M		375	A	\$ 0	101,201	D
Common Stock	02/22/2010		F		162	D	\$ 7.9	101,039	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)
Restricted Stock Units	\$ 0	02/22/2010		M			375	02/22/2010	05/04/2013	Common Stock	375	\$ 0	375	D	

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
MCCOY THOMAS M ADVANCED MICRO DEVICES, INC. ONE AMD PLACE SUNNYVALE, CA 94088-3453			EVP, Legal, Corp & Pub Affairs	

Signatures

Thomas M. McCoy

02/23/2010

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).

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.