

(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) Director X Officer (give title below) EVP, Legal, Corp & Pub Affairs 10% Owner Other (specify below)						
(Last) (First) (Middle) ADVANCED MICRO DEVICES, INC., ONE AMD PLACE		3. Date of Earliest Transaction (Month/Day/Year) 08/09/2009								
(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	08/09/2009		M		34,126	A	\$ 0	111,221	D	
Common Stock	08/09/2009		F		12,218	D	\$ 3.7	99,003	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	08/09/2009		M			375	08/09/2009	07/25/2013	Common Stock	375	\$ 0	1,125	D	
Restricted Stock Units	\$ 0	08/09/2009		M			375	08/09/2009	10/24/2013	Common Stock	375	\$ 0	1,125	D	
Restricted Stock Units	\$ 0	08/09/2009		M			375	08/09/2009	02/15/2014	Common Stock	375	\$ 0	1,125	D	
Restricted Stock Units	\$ 0	08/09/2009		M			8,001	08/09/2009	05/15/2014	Common Stock	8,001	\$ 0	8,000	D	
Restricted Stock Units	\$ 0	08/09/2009		M			25,000	08/09/2009	05/15/2015	Common Stock	25,000	\$ 0	50,000	D	

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
MCCOY THOMAS M ADVANCED MICRO DEVICES, INC.			EVP, Legal, Corp & Pub Affairs	

ONE AMD PLACE SUNNYVALE, CA 94088-3453				
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Signatures

Thomas M. McCoy	08/11/2009
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.