

(Print or Type Responses)

|                                                                           |                                            |                                                                                        |                                      |                                                                                                                                                                                                                            |                                                                                                        |                                                                         |                                                                   |
|---------------------------------------------------------------------------|--------------------------------------------|----------------------------------------------------------------------------------------|--------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|-------------------------------------------------------------------|
| 1. Name and Address of Reporting Person *<br>SEIFERT THOMAS J             |                                            | 2. Issuer Name <b>and</b> Ticker or Trading Symbol<br>ADVANCED MICRO DEVICES INC [AMD] |                                      | 5. Relationship of Reporting Person(s) to Issuer<br>(Check all applicable)<br><div><div>Director</div><div>X Officer (give title below)</div><div>SVP, CFO</div><div>10% Owner</div><div>Other (specify below)</div></div> |                                                                                                        |                                                                         |                                                                   |
| (Last) (First) (Middle)<br>ADVANCED MICRO DEVICES, INC., ONE<br>AMD PLACE |                                            | 3. Date of Earliest Transaction (Month/Day/Year)<br>08/15/2010                         |                                      |                                                                                                                                                                                                                            |                                                                                                        |                                                                         |                                                                   |
| (Street)<br>SUNNYVALE, CA 94088-3453                                      |                                            | 4. If Amendment, Date Original Filed(Month/Day/Year)                                   |                                      | 6. Individual or Joint/Group Filing(Check Applicable Line)<br><div><div>X Form filed by One Reporting Person</div><div>Form filed by More than One Reporting Person</div></div>                                            |                                                                                                        |                                                                         |                                                                   |
| (City) (State) (Zip)                                                      |                                            | Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned       |                                      |                                                                                                                                                                                                                            |                                                                                                        |                                                                         |                                                                   |
| 1.Title of Security<br>(Instr. 3)                                         | 2. Transaction<br>Date<br>(Month/Day/Year) | 2A. Deemed<br>Execution Date, if<br>any<br>(Month/Day/Year)                            | 3. Transaction<br>Code<br>(Instr. 8) | 4. Securities Acquired<br>(A) or Disposed of (D)<br>(Instr. 3, 4 and 5)                                                                                                                                                    | 5. Amount of Securities Beneficially<br>Owned Following Reported<br>Transaction(s)<br>(Instr. 3 and 4) | 6. Ownership<br>Form:<br>Direct (D)<br>or Indirect<br>(I)<br>(Instr. 4) | 7. Nature<br>of Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |
|                                                                           |                                            |                                                                                        | Code V                               | Amount (A) or (D) Price                                                                                                                                                                                                    |                                                                                                        |                                                                         |                                                                   |

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<br>(e.g., puts, calls, warrants, options, convertible securities) |                                                                    |                                            |                                                             |                                      |   |                                                                                                                 |     |                                                                |                    |                                                                        |                                        |                                                     |                                                                                                                            |                                                                                                       |                                                                    |
|-------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|--------------------------------------------|-------------------------------------------------------------|--------------------------------------|---|-----------------------------------------------------------------------------------------------------------------|-----|----------------------------------------------------------------|--------------------|------------------------------------------------------------------------|----------------------------------------|-----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|
| 1. Title of<br>Derivative<br>Security<br>(Instr. 3)                                                                                             | 2. Conversion<br>or Exercise<br>Price of<br>Derivative<br>Security | 3. Transaction<br>Date<br>(Month/Day/Year) | 3A. Deemed<br>Execution Date, if<br>any<br>(Month/Day/Year) | 4. Transaction<br>Code<br>(Instr. 8) |   | 5. Number<br>of Derivative<br>Securities<br>Acquired<br>(A) or<br>Disposed of<br>(D)<br>(Instr. 3, 4,<br>and 5) |     | 6. Date Exercisable and<br>Expiration Date<br>(Month/Day/Year) |                    | 7. Title and Amount<br>of Underlying<br>Securities<br>(Instr. 3 and 4) |                                        | 8. Price of<br>Derivative<br>Security<br>(Instr. 5) | 9. Number of<br>Derivative<br>Securities<br>Beneficially<br>Owned<br>Following<br>Reported<br>Transaction(s)<br>(Instr. 4) | 10. Ownership<br>Form of<br>Derivative<br>Security:<br>Direct (D)<br>or Indirect<br>(I)<br>(Instr. 4) | 11. Nature<br>of Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |
|                                                                                                                                                 |                                                                    |                                            |                                                             |                                      |   |                                                                                                                 |     |                                                                |                    |                                                                        |                                        |                                                     |                                                                                                                            |                                                                                                       |                                                                    |
|                                                                                                                                                 |                                                                    |                                            |                                                             | Code                                 | V | (A)                                                                                                             | (D) | Date<br>Exercisable                                            | Expiration<br>Date | Title                                                                  | Amount<br>or<br>Number<br>of<br>Shares |                                                     |                                                                                                                            |                                                                                                       |                                                                    |
| Stock<br>Option<br>Grant                                                                                                                        | \$ 6.49                                                            | 08/15/2010                                 |                                                             | A                                    |   | 62,500                                                                                                          |     | (1)                                                            | 08/15/2017         | Common<br>Stock                                                        | 62,500                                 | \$ 0                                                | 62,500                                                                                                                     | D                                                                                                     |                                                                    |

Reporting Owners

| Reporting Owner Name / Address                                                                | Relationships |           |          |       |
|-----------------------------------------------------------------------------------------------|---------------|-----------|----------|-------|
|                                                                                               | Director      | 10% Owner | Officer  | Other |
| SEIFERT THOMAS J<br>ADVANCED MICRO DEVICES, INC.<br>ONE AMD PLACE<br>SUNNYVALE, CA 94088-3453 |               |           | SVP, CFO |       |

Signatures

Thomas Seifert

08/16/2010

\*\*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).

(1) This option vests 33 1/3% on 05/15/2011 then 8.33% quarterly for the next two years.

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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