

(Print or Type Responses)

|                                                                           |                                         |                                                                                  |                                   |                                                                                                                                                                                                            |                                                                      |            |                                                                                                  |                                                             |                                                          |       |
|---------------------------------------------------------------------------|-----------------------------------------|----------------------------------------------------------------------------------|-----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|------------|--------------------------------------------------------------------------------------------------|-------------------------------------------------------------|----------------------------------------------------------|-------|
| 1. Name and Address of Reporting Person<br>GHILARDI EMILIO                |                                         | 2. Issuer Name and Ticker or Trading Symbol<br>ADVANCED MICRO DEVICES INC [AMD]  |                                   | 5. Relationship of Reporting Person(s) to Issuer<br>(Check all applicable)<br><div>Director<br/>X Officer (give title below) SVP, Chief Sales Officer</div> <div>10% Owner<br/>Other (specify below)</div> |                                                                      |            |                                                                                                  |                                                             |                                                          |       |
| (Last) (First) (Middle)<br>ADVANCED MICRO DEVICES, INC., ONE<br>AMD PLACE |                                         | 3. Date of Earliest Transaction (Month/Day/Year)<br>08/09/2011                   |                                   |                                                                                                                                                                                                            |                                                                      |            |                                                                                                  |                                                             |                                                          |       |
| (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>X Form filed by One Reporting Person</div> <div>Form filed by More than One Reporting Person</div>                                      |                                                                      |            |                                                                                                  |                                                             |                                                          |       |
| (City) (State) (Zip)                                                      |                                         | Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned |                                   |                                                                                                                                                                                                            |                                                                      |            |                                                                                                  |                                                             |                                                          |       |
| 1. Title of Security<br>(Instr. 3)                                        | 2. Transaction Date<br>(Month/Day/Year) | 2A. Deemed Execution Date, if any<br>(Month/Day/Year)                            | 3. Transaction Code<br>(Instr. 8) |                                                                                                                                                                                                            | 4. Securities Acquired (A) or Disposed of (D)<br>(Instr. 3, 4 and 5) |            | 5. Amount of Securities Beneficially Owned Following Reported Transaction(s)<br>(Instr. 3 and 4) | 6. Ownership Form: Direct (D) or Indirect (I)<br>(Instr. 4) | 7. Nature of Indirect Beneficial Ownership<br>(Instr. 4) |       |
|                                                                           |                                         |                                                                                  | Code                              | V                                                                                                                                                                                                          | Amount                                                               | (A) or (D) |                                                                                                  |                                                             |                                                          | Price |
| Common Stock                                                              | 08/09/2011                              |                                                                                  | M                                 |                                                                                                                                                                                                            | 37,496                                                               | A          | \$ 0                                                                                             | 43,165                                                      | D                                                        |       |
| Common Stock                                                              | 08/09/2011                              |                                                                                  | F                                 |                                                                                                                                                                                                            | 13,667                                                               | D          | \$ 6.18                                                                                          | 29,498                                                      | 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<br>(e.g., puts, calls, warrants, options, convertible securities) |                                                        |                                         |                                                       |                                   |  |                                                                                            |                                                             |            |                                                                  |              |                                               |                                                                                                       |                                                                                     |                                                           |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|-----------------------------------------|-------------------------------------------------------|-----------------------------------|--|--------------------------------------------------------------------------------------------|-------------------------------------------------------------|------------|------------------------------------------------------------------|--------------|-----------------------------------------------|-------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------|--|
| 1. Title of Derivative Security<br>(Instr. 3)                                                                                                   | 2. Conversion or Exercise Price of Derivative Security | 3. Transaction Date<br>(Month/Day/Year) | 3A. Deemed Execution Date, if any<br>(Month/Day/Year) | 4. Transaction Code<br>(Instr. 8) |  | 5. Number of Derivative Securities Acquired (A) or Disposed of (D)<br>(Instr. 3, 4, and 5) | 6. Date Exercisable and Expiration Date<br>(Month/Day/Year) |            | 7. Title and Amount of Underlying Securities<br>(Instr. 3 and 4) |              | 8. Price of Derivative Security<br>(Instr. 5) | 9. Number of Derivative Securities Beneficially Owned Following Reported Transaction(s)<br>(Instr. 4) | 10. Ownership Form of Derivative Security: Direct (D) or Indirect (I)<br>(Instr. 4) | 11. Nature of Indirect Beneficial Ownership<br>(Instr. 4) |  |
|                                                                                                                                                 |                                                        |                                         |                                                       |                                   |  |                                                                                            |                                                             |            |                                                                  |              |                                               |                                                                                                       |                                                                                     |                                                           |  |
| Restricted Stock Units                                                                                                                          | \$ 0                                                   | 08/09/2011                              |                                                       | M                                 |  |                                                                                            | 37,496                                                      | 08/09/2011 | 05/15/2016                                                       | Common Stock | 37,496                                        | \$ 0                                                                                                  | 37,508                                                                              | D                                                         |  |

Reporting Owners

| Reporting Owner Name / Address                                                               | Relationships |           |                          |       |
|----------------------------------------------------------------------------------------------|---------------|-----------|--------------------------|-------|
|                                                                                              | Director      | 10% Owner | Officer                  | Other |
| GHILARDI EMILIO<br>ADVANCED MICRO DEVICES, INC.<br>ONE AMD PLACE<br>SUNNYVALE, CA 94088-3453 |               |           | SVP, Chief Sales Officer |       |

Signatures

Faina Roeder By Power of Attorney

08/10/2011

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.

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