

MEMSIC Inc  
Form 3  
April 23, 2010

**FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION**  
**Washington, D.C. 20549**

OMB APPROVAL

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**INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934,  
Section 17(a) of the Public Utility Holding Company Act of 1935 or Section  
30(h) of the Investment Company Act of 1940

(Print or Type Responses)

|   |         |          |                                      |  |  |
|---|---------|----------|--------------------------------------|--|--|
| 1. Name and Address of Reporting Person * |         |          | 2. Date of Event Requiring Statement | 3. Issuer Name and Ticker or Trading Symbol                |  |
| Â RIVERSOURCE INVESTMENTS LLC             |         |          | (Month/Day/Year)                     | MEMSIC Inc [MEMS]  |  |
| (Last)                                    | (First) | (Middle) |                                      | 4. Relationship of Reporting Person(s) to Issuer           | 5. If Amendment, Date Original Filed(Month/Day/Year) |
| 145 AMERIPRISE FINANCIAL CENTER           |         |          |                                      | (Check all applicable)                                     |  |
| (Street)                                  |         |          |                                      | ___ Director   | __X__ 10% Owner                                      |
| MINNEAPOLIS,Â MNÂ 55474                   |         |          |                                      | ___ Officer  | ___ Other  |
| (City)                                    | (State) | (Zip)    |                                      | (give title below)   | (specify below)                                      |
|   |         |          |                                      | 6. Individual or Joint/Group Filing(Check Applicable Line) |  |
|   |         |          |                                      | ___ Form filed by One Reporting Person                     |  |
|   |         |          |                                      | _X_ Form filed by More than One Reporting Person           |  |

**Table I - Non-Derivative Securities Beneficially Owned**

| 1. Title of Security<br>(Instr. 4) | 2. Amount of Securities Beneficially Owned<br>(Instr. 4) | 3. Ownership Form:<br>Direct (D)<br>or Indirect (I)<br>(Instr. 5) | 4. Nature of Indirect Beneficial Ownership<br>(Instr. 5) |
|------------------------------------|--|---|--|
| Common Stock                       | 2,864,504  | I   | Investment Adviser on behalf of clients                  |

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

SEC 1473 (7-02)

**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.**

**Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**

| 1. Title of Derivative Security<br>(Instr. 4) | 2. Date Exercisable and Expiration Date<br>(Month/Day/Year) | 3. Title and Amount of Securities Underlying Derivative Security | 4. Conversion or Exercise | 5. Ownership Form of | 6. Nature of Indirect Beneficial Ownership<br>(Instr. 5) |
|---|---|--|---------------------------|----------------------|--|
|---|---|--|---------------------------|----------------------|--|

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| Date Exercisable | Expiration Date | (Instr. 4)<br>Title | Amount or Number of Shares | Price of Derivative Security | Derivative Security: Direct (D) or Indirect (I)<br>(Instr. 5) |
|------------------|-----------------|---------------------|----------------------------|------------------------------|---|
|------------------|-----------------|---------------------|----------------------------|------------------------------|---|

## Reporting Owners

| Reporting Owner Name / Address  | Relationships |           |         |       |
|---|---------------|-----------|---------|-------|
|   | Director      | 10% Owner | Officer | Other |
| RIVERSOURCE INVESTMENTS LLC<br>145 AMERIPRISE FINANCIAL CENTER<br>MINNEAPOLIS, MN 55474 | ^             | ^ X       | ^       | ^     |
| AMERIPRISE FINANCIAL INC<br>145 AMERIPRISE FINANCIAL CENTER<br>MINNEAPOLIS, MN 55474    | ^             | ^ X       | ^       | ^     |

## Signatures

Paul Goucher, Assistant Secretary, RiverSource Investments LLC 04/22/2010

\*\*Signature of Reporting Person Date

David H. Weiser, SVP-Chief Counsel, Ameriprise Financial, Inc. 04/22/2010

\*\*Signature of Reporting Person Date

## Explanation of Responses:

- \* If the form is filed by more than one reporting person, see Instruction 5(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).

^

### Remarks:

This statement is filed pursuant to Section 16 of the Act and shall not be deemed an admission.

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.