

Keeth Martha Frances  
 Form 5  
 February 09, 2011

**FORM 5**

OMB APPROVAL

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

OMB Number: 3235-0362  
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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).  
 Form 3 Holdings Reported Form 4 Transactions Reported

**ANNUAL STATEMENT OF CHANGES IN 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

1. Name and Address of Reporting Person \*  
 Keeth Martha Frances

2. Issuer Name and Ticker or Trading Symbol  
 ARROW ELECTRONICS INC  
 [ARW]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)

3. Statement for Issuer's Fiscal Year Ended (Month/Day/Year)  
 12/31/2010

Director  10% Owner  
 Officer (give title below)  Other (specify below)

ARROW ELECTRONICS, INC., 50 MARCUS DRIVE

(Street)

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Reporting

(check applicable line)

MELVILLE, NY 11747

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)<br>(A) or (D) Amount Price | 5. Amount of Securities Beneficially Owned at end of Issuer's Fiscal Year (Instr. 3 and 4) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|--|--|--|-----------------------------------|
|---------------------------------|--------------------------------------|--|--------------------------------|--|--|--|-----------------------------------|

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

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SEC 2270 (9-02)

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

| 1. Title of Derivative | 2. Conversion | 3. Transaction Date (Month/Day/Year) | 3A. Deemed Execution Date, if | 4. Transaction | 5. Number | 6. Date Exercisable and Expiration Date | 7. Title and Amount of Underlying Securities |
|------------------------|---------------|--------------------------------------|-------------------------------|----------------|-----------|---|--|
|------------------------|---------------|--------------------------------------|-------------------------------|----------------|-----------|---|--|

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| Security<br>(Instr. 3)       | or Exercise<br>Price of<br>Derivative<br>Security | any<br>(Month/Day/Year) | Code<br>(Instr. 8) | of<br>Derivative<br>Securities<br>Acquired<br>(A) or<br>Disposed<br>of (D)<br>(Instr. 3,<br>4, and 5) | (Month/Day/Year) |     | (Instr. 3 and 4)    |                    | Title           | Amount or<br>Number of<br>Shares |
|------------------------------|---|-------------------------|--------------------|---|------------------|-----|---------------------|--------------------|-----------------|----------------------------------|
|                              |   |                         |                    |   | (A)              | (D) | Date<br>Exercisable | Expiration<br>Date |                 |                                  |
| Phantom<br>Stock             | ^   | ^                       | ^                  | ^   | ^                | ^   | ^ (1)               | ^ (1)              | Common<br>Stock | 2,079.85                         |
| Restricted<br>Stock<br>Units | ^   | ^                       | ^                  | ^   | ^                | ^   | ^ (2)               | ^ (2)              | Common<br>Stock | 16,689.12                        |

## Reporting Owners

| Reporting Owner Name / Address   | Relationships |           |         |       |
|--|---------------|-----------|---------|-------|
|  | Director      | 10% Owner | Officer | Other |
| Keeth Martha Frances<br>ARROW ELECTRONICS, INC.<br>50 MARCUS DRIVE<br>MELVILLE, NY 11747 | ^ X           | ^         | ^       | ^     |

## Signatures

Jade E. Osorio,  
Attorney-in-fact

02/09/2011

\_\_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).
- (1) Phantom Stock settled by issuance of shares of Common Stock on a one-for-one basis following (i) termination of services as a Director, (ii) the occurrence of an unforeseeable emergency or (iii) a change in control.
- (2) Restricted Stock Units settled by (i) the issuance of shares of Common Stock on a one-for-one basis following termination of services as a Director, or (ii) payment of the fair market value of an equivalent number of shares of common stock following a change of control.

Note: File three copies of this Form, one of which must be manually signed. If space provided 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.