

PERRY BARRY W  
 Form 5  
 February 10, 2012

**FORM 5**

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

OMB APPROVAL  
 OMB Number: 3235-0362  
 Expires: January 31, 2005  
 Estimated average burden hours per response... 1.0

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 \*  
**PERRY BARRY W**

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)  
 12/31/2011

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) 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 Security | 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 Security |
|---------------------------------|---------------|--------------------------------------|-------------------------------|----------------|-----------|---|--|
|---------------------------------|---------------|--------------------------------------|-------------------------------|----------------|-----------|---|--|

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| (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) | (A) | (D) | Date<br>Exercisable | Expiration<br>Date | Title        | Amount<br>Number<br>Shares |
|---|---|-------------------------|--------------------|---|------------------|--|------------------|-----|-----|---------------------|--------------------|--------------|----------------------------|
|   |   |                         |                    |   |                  |  |                  |     |     |                     |                    |              |                            |
| Non-Employee Directors Plan Stock Option (right to buy) | \$ 16.51  |                         |                    |   |                  |  |                  |     |     | 05/23/2004          | 05/23/2013         | Common Stock | 4                          |
| Phantom Stock   |   |                         |                    |   |                  |  |                  |     |     |                     | (1)                | Common Stock | 15,                        |
| Restricted Stock Units                                  |   |                         |                    |   |                  |  |                  |     |     |                     | (2)                | Common Stock | 18,                        |

## Reporting Owners

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

## Signatures

Jade E. Osorio,  
Attorney-in-fact

02/10/2012

\*\*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.