BROWN PETER S

Form 5

Common

Stock

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February 10, 2012

OMB APPROVAL FORM 5 **OMB** UNITED STATES SECURITIES AND EXCHANGE COMMISSION 3235-0362 Number: Washington, D.C. 20549 Check this box if January 31, Expires: no longer subject 2005 to Section 16. Estimated average ANNUAL STATEMENT OF CHANGES IN BENEFICIAL Form 4 or Form burden hours per 5 obligations OWNERSHIP OF SECURITIES response... 1.0 may continue. See Instruction Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, 1(b). Form 3 Holdings Section 17(a) of the Public Utility Holding Company Act of 1935 or Section Reported 30(h) of the Investment Company Act of 1940 Form 4 Transactions Reported 1. Name and Address of Reporting Person * 2. Issuer Name and Ticker or Trading 5. Relationship of Reporting Person(s) to Issuer **BROWN PETER S** Symbol ARROW ELECTRONICS INC (Check all applicable) [ARW] (Middle) 3. Statement for Issuer's Fiscal Year Ended (Last) (First) Director 10% Owner Other (specify X _ Officer (give title (Month/Day/Year) below) below) 12/31/2011 Senior VP & General Counsel ARROW ELECTRONICS. INC., Â 50 MARCUS DRIVE (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Reporting Filed(Month/Day/Year) (check applicable line) MELVILLE. NYÂ 11747 _X_ Form Filed by One Reporting Person Form Filed by More than One Reporting (City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 1.Title of 2. Transaction Date 2A. Deemed 4. Securities 5. Amount of 6. 7. Nature of Transaction Security (Month/Day/Year) Execution Date, if Acquired (A) or Securities Ownership Indirect (Instr. 3) Code Disposed of (D) Beneficially Form: Direct Beneficial (Month/Day/Year) (Instr. 8) (Instr. 3, 4 and 5) Owned at end (D) or Ownership (Instr. 4) of Issuer's Indirect (I) Fiscal Year (Instr. 4) (A) (Instr. 3 and or 4) (D) Price Amount Common Â Â Â Â Â Â Â 50,420 D Stock (1) Held in the Company's

Employee

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

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.

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 (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)		vative crities crities or osed or osed o) r. 3,	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)	
					(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Employee Stock Option (right to buy)	\$ 32.61	Â	Â	Â	Â	Â	03/01/2009	03/01/2018	Common Stock	3,700
Employee Stock Option (right to buy)	\$ 16.82	Â	Â	Â	Â	Â	02/26/2010	02/26/2019	Common Stock	14,774
Employee Stock Option (right to buy)	\$ 28.34	Â	Â	Â	Â	Â	02/25/2011	02/25/2020	Common Stock	14,757
Employee Stock Option (right to buy)	\$ 38.69	Â	Â	Â	Â	Â	02/24/2012	02/25/2021	Common Stock	14,007

Reporting Owners

Reporting Owner Name / Address	Relationships						
	Director	10% Owner	Officer	Other			
BROWN PETER S ARROW ELECTRONICS, INC. 50 MARCUS DRIVE	Â	Â	Senior VP & General Counsel	Â			

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MELVILLE. NYÂ 11747

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) Includes shares subject to the vesting provisions of the Company's Restricted Stock Plan.

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.

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