Melvin Vincent P
Form 3
May 12, 2011

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 [*] Â Melvin Vincent P (Last) (First) (Middle) ARROW ELECTRONICS, INC.,Â 50 MARCUS DRIVE (Street) MELVILLE,Â NYÂ 11747 (City) (State) (Zip)	2. Date of Event Requiring Statement (Month/Day/Year) 05/01/2011	3. Issuer Name **and** Ticker or Trading Symbol ARROW ELECTRONICS INC [ARW]

4. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

_____ Director   _____ 10% Owner
__X__ Officer   _____ Other
(give title below)   (specify below)
Vice President & CIO

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

6. Individual or Joint/Group Filing(Check Applicable Line)
_X_ Form filed by One Reporting Person
___ Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Beneficially Owned

1.Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
Common Stock	21,229	D	Â
Common Stock [(1)]	4,305	D	Â
Common Stock [(2)]	7,096	D	Â
Common Stock [(3)]	6,867	D	Â
Common Stock	103.816	I	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.

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 (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)		4. Conversion or Exercise Price of Derivative Security	5. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares			
Employee Stock Option (right to buy)	02/28/2007	02/28/2017	Common Stock	7,500	$ 38.29	D	Â
Employee Stock Option (right to buy)	02/29/2008	03/01/2018	Common Stock	8,500	$ 32.61	D	Â
Employee Stock Option (right to buy)	02/26/2009	02/26/2019	Common Stock	12,760	$ 16.82	D	Â
Employee Stock Option (right to buy)	02/25/2010	02/25/2020	Common Stock	12,521	$ 28.34	D	Â
Employee Stock Option (right to buy)	02/24/2011	02/24/2021	Common Stock	8,914	$ 38.69	D	Â

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Melvin Vincent P ARROW ELECTRONICS, INC. 50 MARCUS DRIVE MELVILLE,Â NYÂ 11747	Â	Â	Â Vice President & CIO	Â

Signatures

Jade E. Osorio, Attorney-in-fact	05/12/2011
**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).

(1) Restricted Stock Awards subject to graded vesting schedule.

(2) Performance Stock Awards subject to graded vesting schedule.

(3) Restricted Stock Units settled on a one-for-one basis, subject to graded vesting schedule.

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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