ARROW ELECTRONICS INC Form SC 13G/A February 13, 2009 SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549
Schedule 13G
Under the Securities Exchange Act of 1934
(Amendment No.:12)*
Name of issuer: ARROW ELECTRONICS INC
Title of Class of Securities: Common Stock
CUSIP Number: 042735100
Date of Event Which Requires Filing of this Statement: December 31, 2008
Check the appropriate box to designate the rule pursuant to which this Schedule is filed:
(X) Rule 13d-1(b)
() Rule 13d-1(c)
() Rule 13d-1(d)
*The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.
The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securitie. Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

(Continued on the following page(s))

13G

CUSIP No.: 042735100
1. NAME OF REPORTING PERSON S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON
VANGUARD WINDSOR FUNDs - VANGUARD WINDSOR FUND - 51-0082711
2. CHECK THE APPROPRIATE [LINE] IF A MEMBER OF A GROUP
A. Β. <u>X</u>
3. SEC USE ONLY
4. CITIZENSHIP OF PLACE OF ORGANIZATION
Delaware
(For questions 5-8, report the number of shares beneficially owned by each reporting person with:)
5. SOLE VOTING POWER
7,977,050
6. SHARED VOTING POWER
7. SOLE DISPOSITIVE POWER

8. SHARED DISPOSITIVE POWER
9. AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON
7,977,050
10. CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES
N/A
11. PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9
6.69%
12. TYPE OF REPORTING PERSON
IV

SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549 SCHEDULE 13G Under the Securities Act of 1934 Check the following [line] if a fee is being paid with this statement N/A Item 1(a) - Name of Issuer: ARROW ELECTRONICS INC Item 1(b) - Address of Issuer's Principal Executive Offices: 25 HUB DRIVE MELVILLE, NY 11747 Item 2(a) - Name of Person Filing: VANGUARD WINDSOR FUNDs - VANGUARD WINDSOR FUND - 51-0082711 Item 2(b) Address of Principal Business Office or, if none, residence: 100 Vanguard Blvd. Malvern, PA 19355 Item 2(c) Citizenship:

Delaware
Item 2(d) - Title of Class of Securities:
Common Stock
Item 2(e) - CUSIP Number
042735100
Item 3 - Type of Filing:
This statement is being filed pursuant to Rule 13d-1. Investment Company registered under section 8 of the Investment Company Act of 194 (15 U.S.C. 80a-8)
Item 4 - Ownership:
(a) Amount Beneficially Owned:
7,977,050
(b) Percent of Class:
6.69%

(c) Number of shares as to which such person has:
(i) sole power to vote or direct to vote: 7,977,050
(ii) shared power to vote or direct to vote:
(iii) sole power to dispose of or to direct the disposition of:
(iv) shared power to dispose or to direct the disposition of:
Comments:
Item 5 - Ownership of Five Percent or Less of a Class:
Not Applicable
Item 6 - Ownership of More Than Five Percent on Behalf of Another Person:
Not applicable
Item 7 - Identification and Classification of the Subsidiary Which Acquired The Security Being Reported on by the Parent Holding Company
Not Applicable
Item 8 - Identification and Classification of Members of Group:
Not applicable
Item 9 - Notice of Dissolution of Group: