ARROW ELECTRONICS INC Form SC 13G/A February 11, 2011

SCHEDULE 13G

(Rule 13d-102)

Information to be Included in Statements Filed Pursuant to Rule 13d-1(b), (c) and (d) and Amendments Thereto Filed Pursuant to Rule 13d-2.

SECURITIES AND EXCHANGE COMMISSION WASHINGTON, D.C. 20549

Under the Securities Exchange Act of 1934 (Amendment No. 1)*

Arrow Electronics Inc

(Name of Issuer)

Common Stock

(Title of Class of Securities)

042735100

(CUSIP Number)

December 31, 2010

(Date of Event Which Requires Filing of this Statement)

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 Securities 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).

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CUS	SIP No. 0427	351	00 13G	
1	NAME OF REP	ORT	ING PERSON	
	Artisan Pa	rtn	ers Holdings LP	
2	CHECK THE A		OPRIATE BOX IF A MEMBER OF A GROUP ons)	[_] [_]
	Not Applic	abl		
3	SEC USE ONL	Y		
4	CITIZENSHIP	OR	PLACE OF ORGANIZATION	
	Delaware			
		5	SOLE VOTING POWER	
NU	JMBER OF		None	
		6	SHARED VOTING POWER	
OWNED BY EACH REPORTING PERSON			8,924,183	
		7	SOLE DISPOSITIVE POWER	
	WITH		None	
		8	SHARED DISPOSITIVE POWER	
			9,159,683	
9	AGGREGATE A	MOU	NT BENEFICIALLY OWNED BY EACH REPORTING PERSON	
	9,159,683			
10	CHECK BOX I (see Instru		HE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES ons)	 [_]
	Not Applic	abl	e	
11	PERCENT OF	CLA	SS REPRESENTED BY AMOUNT IN ROW (9)	
	7.9%			
12	TYPE OF REP (see Instru			
	HC			

Page 2 of 17

1 N	IAME OF REPO	ORTING PERSON	
	Artisan Inv	vestment Corporation	
	CHECK THE AN		[_] [_]
	Not Applica	able	
3 S	SEC USE ONLY	Y	
4 C	CITIZENSHIP	OR PLACE OF ORGANIZATION	
	Wisconsin		
		5 SOLE VOTING POWER	
	BER OF	None	
BENEF		6 SHARED VOTING POWER	
OWNED BY EACH		8,924,183	
PE	DRTING CRSON	7 SOLE DISPOSITIVE POWER	
W	WITH	None	
		8 SHARED DISPOSITIVE POWER	
		9,159,683	
9 A	AGGREGATE AN	MOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON	
	9,159,683		
	CHECK BOX II (see Instruc	F THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES ctions)	 [_]
	Not Applica	able	
11 P	PERCENT OF (CLASS REPRESENTED BY AMOUNT IN ROW (9)	
	7.9%		
12 T		ORTING PERSON	
	HC		

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CUSIP No. 042735100

Artisan	Partners Limited Partnership	
	E APPROPRIATE BOX IF A MEMBER OF A GROUP cructions)	[_] [_]
Not Appl	licable	
3 SEC USE C	DNLY	
4 CITIZENSH	HIP OR PLACE OF ORGANIZATION	
Delaware	2	
	5 SOLE VOTING POWER	
NUMBER OF	None	
SHARES BENEFICIALLY	6 SHARED VOTING POWER	
OWNED BY EACH	8,924,183	
REPORTING PERSON	7 SOLE DISPOSITIVE POWER	
WITH	None	
	8 SHARED DISPOSITIVE POWER	
	9,159,683	
9 AGGREGATE	E AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON	
9,159,68	33	
	K IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES ructions)	 [_]
Not Appl	licable	
11 PERCENT C	DF CLASS REPRESENTED BY AMOUNT IN ROW (9)	
7.9%		
	REPORTING PERSON	
IA		
	Page 4 of 17	

CUSIP No. 042735100

13G

1 NAME OF REPORTING PERSON

Artisan Investments GP LLC

(see Instru		(a) [_] (b) [_]
Not Applic	able	
3 SEC USE ONL	Y	
4 CITIZENSHIP	OR PLACE OF ORGANIZATION	
Delaware		
	5 SOLE VOTING POWER	
NUMBER OF	None	
	6 SHARED VOTING POWER	
OWNED BY EACH	8,924,183	
REPORTING PERSON	7 SOLE DISPOSITIVE POWER	
WITH	None	
	8 SHARED DISPOSITIVE POWER	
	9,159,683	
9 AGGREGATE A	MOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON	
9,159,683		
10 CHECK BOX I (see Instru	F THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES ctions)	[_]
Not Applic	able	
11 PERCENT OF	CLASS REPRESENTED BY AMOUNT IN ROW (9)	
7.9%		
12 TYPE OF REP (see Instru	ORTING PERSON ctions)	
HC		
	Page 5 of 17	
CUSIP No. 0427	35100 13G	
1 NAME OF REP	ORTING PERSON	
ZFIC, Inc.		
2 CHECK THE A	PPROPRIATE BOX IF A MEMBER OF A GROUP	

	(see Instructions)			[_] [_]
	Not Applic	able		
3	SEC USE ONL	У		
4	CITIZENSHIP	OR PLACE OF ORGANIZATION		
	Wisconsin			
		5 SOLE VOTING POWER		
	MBER OF	None		
BENI	SHARES EFICIALLY WNED BY	6 SHARED VOTING POWER		
REI	EACH PORTING	8,924,183		
	PERSON WITH	7 SOLE DISPOSITIVE POWER		
		None		
		8 SHARED DISPOSITIVE POWER		
		9,159,683		
9	AGGREGATE A	MOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON		
	9,159,683			
10	CHECK BOX I (see Instru	F THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES ctions)		[_]
	Not Applic	able		
11	PERCENT OF	CLASS REPRESENTED BY AMOUNT IN ROW (9)		
	7.9%			
12	TYPE OF REP (see Instru	ORTING PERSON ctions)		
	НС			
		Page 6 of 17		
CUS.	IP No. 0427	35100 13G		
1	NAME OF REP	ORTING PERSON		
	Andrew A.	Ziegler		
2	CHECK THE A (see Instru	PPROPRIATE BOX IF A MEMBER OF A GROUP ctions)	(a) (b)	[_] [_]

Not Applicable				
3 SEC USE ONL	Υ Υ			
4 CITIZENSHIP U.S.A.	P OR PLACE OF ORGANIZATION			
0.5.A.				
	5 SOLE VOTING POWER			
NUMBER OF SHARES	None			
	6 SHARED VOTING POWER			
EACH	8,924,183			
REPORTING PERSON WITH	7 SOLE DISPOSITIVE POWER			
	None			
	8 SHARED DISPOSITIVE POWER			
	9,159,683			
9 AGGREGATE A	AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON			
9,159,683				
10 CHECK BOX I (see Instru	IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES			
Not Applic				
7.9%	CLASS REPRESENTED BY AMOUNT IN ROW (9)			
12 TYPE OF REP (see Instru	PORTING PERSON Portions)			
IN				
	Page 7 of 17			
CUSIP No. 0427	735100 13G			
1 NAME OF REP	PORTING PERSON			
Carlene M.	. Ziegler			
2 CHECK THE A (see Instru	APPROPRIATE BOX IF A MEMBER OF A GROUP (a) (b)			
Not Applic	cable			

3	SEC USE ONL	Y			
4	CITIZENSHIP	OR	PLACE OF ORGANIZATION		
	U.S.A.				
		5	SOLE VOTING POWER		
	MBER OF		None		
BEN		6	SHARED VOTING POWER		
	WNED BY EACH		8,924,183		
	PORTING PERSON	7	SOLE DISPOSITIVE POWER		
	WITH		None		
		8	SHARED DISPOSITIVE POWER		
			9,159,683		
9	AGGREGATE A	MOUI	NT BENEFICIALLY OWNED BY EACH REPORTING PERSON		
	9,159,683				
10			HE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES		
	(see Instru				[_]
	Not Applic				
11		CLA:	SS REPRESENTED BY AMOUNT IN ROW (9)		
	7.9%				
12	TYPE OF REP (see Instru				
	IN				
			Page 8 of 17		
CUS	IP No. 0427	351	00 13G		
1	NAME OF REP	ORT	ING PERSON		
	Artisan Fu	nds	, Inc.		
2	CHECK THE A		OPRIATE BOX IF A MEMBER OF A GROUP ons)	(a)	[_]
				(b)	[_]
	Not Applic	able	e		
3	SEC USE ONL	Y			

4	CITIZENSHIP	OR	PLACE OF ORGANIZATION
	Wisconsin		
		5	SOLE VOTING POWER
	MBER OF		None
SHARES BENEFICIALLY OWNED BY		6	SHARED VOTING POWER
	EACH PORTING		6,088,847
	PERSON WITH	7	SOLE DISPOSITIVE POWER
	WIIU		None
		8	SHARED DISPOSITIVE POWER
			6,088,847
9	AGGREGATE AI	MOUI	NT BENEFICIALLY OWNED BY EACH REPORTING PERSON
	6,088,847		
10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (see Instructions)			
Not Applicable		5	
11	11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)		
	5.3%		
12	TYPE OF REP (see Instru		
	IC		
			Page 9 of 17

Item 1(a) Name of Issuer:

Arrow Electronics Inc

Item 1(b) Address of Issuer's Principal Executive Offices:

50 Marcus Drive, Melville, NY 11747

Item 2(a) Name of Person Filing:

Artisan Partners Holdings LP ("Artisan Holdings")
Artisan Investment Corporation, the general partner of
Artisan Holdings ("Artisan Corp.")
Artisan Partners Limited Partnership ("Artisan Partners")
Artisan Investments GP LLC, the general partner of
Artisan Partners ("Artisan Investments")

ZFIC, Inc., the sole stockholder of Artisan Corp. ("ZFIC") Andrew A. Ziegler Carlene M. Ziegler Artisan Funds, Inc. ("Artisan Funds")

Item 2(b) Address of Principal Business Office:

Artisan Holdings, Artisan Corp., Artisan Partners, Artisan Investments, ZFIC, Mr. Ziegler, Ms. Ziegler and Artisan Funds are all located at:

875 East Wisconsin Avenue, Suite 800 Milwaukee, WI 53202

Item 2(c) Citizenship:

Artisan Holdings is a Delaware limited partnership Artisan Corp. is a Wisconsin corporation Artisan Partners is a Delaware limited partnership Artisan Investments is a Delaware limited liability company ZFIC is a Wisconsin corporation Mr. Ziegler and Ms. Ziegler are U.S. citizens Artisan Funds is a Wisconsin corporation

Item 2(d) Title of Class of Securities:

Common Stock

Item 2(e) CUSIP Number:

042735100

Item 3 Type of Person:

(d) Artisan Funds is an Investment Company under section 8 of the Investment Company Act.

(e) Artisan Partners is an investment adviser registered under section 203 of the Investment Advisers Act of 1940; Artisan Holdings is the sole limited partner of Artisan Partners; Artisan Investments is the general partner of Artisan Partners; Artisan Corp is the general partner of Artisan Holdings; ZFIC is the sole stockholder of Artisan Corp.; Mr. Ziegler and Ms. Ziegler are the principal stockholders of ZFIC.

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Item 4 Ownership (at December 31, 2010):

- (a) Amount owned "beneficially" within the meaning of rule 13d-3:9,159,683
- (b) Percent of class:

7.9% (based on 115,801,922 shares outstanding as of October 22, 2010)

(c) Number of shares as to which such person has:

- (i) sole power to vote or to direct the vote:
- (ii) shared power to vote or to direct the vote:8,924,183
- (iii) sole power to dispose or to direct the disposition of:
- (iv) shared power to dispose or to direct the disposition
 of:

9,159,683

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:

The shares reported herein have been acquired on behalf of discretionary clients of Artisan Partners; as reported herein, Artisan Partners holds 9,159,683 shares, including 6,088,847 shares on behalf of Artisan Funds. Persons other than Artisan Partners are entitled to receive all dividends from, and proceeds from the sale of, those shares.

Item 7 Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on by the Parent Holding Company or Control Person:

Not Applicable

Item 8 Identification and Classification of Members of the Group:

Not Applicable

Item 9 Notice of Dissolution of Group:

Not Applicable

Item 10 Certification:

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were acquired and are held in the ordinary course of business and were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

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Signature

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and

correct.

Date: February 11, 2011

ARTISAN INVESTMENT CORPORATION,				
for it	tself and as the general partner of			
	AN PARTNERS HOLDINGS LP			
Bv:	Sarah A. Johnson*			
ARTIC	AN INVESTMENTS GP LLC,			
	tself and as the general partner of			
ARIIS	AN PARTNERS LIMITED PARTNERSHIP			
-				
By: S	Sarah A. Johnson*			
ZFIC,	INC.			
By: S	Sarah A. Johnson*			
-				
ANDRE	N A. ZIEGLER			
Andres	w A. Ziegler*			
Anares				
CARLEI	NE M. ZIEGLER			
~ 1				
Carle	ne M. Ziegler*			
ARTIS	AN FUNDS, INC.			
By:	Sarah A. Johnson*			
*By:	/s/ Sarah A. Johnson			
7				
	Sarah A. Johnson			
	Vice President of Artisan			
	Investment Corporation			
	Vice President of Artisan			
	Investments GP LLC			
	Attorney-in-Fact for ZFIC, Inc.			
	Attorney-in-Fact for Andrew A.			
	Ziegler			
	Attorney-in-Fact for Carlene M.			
	Ziegler			
	General Counsel and Secretary of			
	Artisan Funds, Inc.			

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Exhibit Index

Exhibit 1 Joint Filing Agreement dated February 11, 2011 by and among Artisan Partners Holdings LP, Artisan Investment Corporation, Artisan Partners Limited Partnership, Artisan Investments GP LLC,

ZFIC, Inc., Andrew A. Ziegler, Carlene M. Ziegler and Artisan Funds, Inc.

- Exhibit 2 Power of Attorney of ZFIC, Inc., dated March 19, 2007
- Exhibit 3 Power of Attorney of Andrew A. Ziegler dated March 19, 2007
- Exhibit 4 Power of Attorney of Carlene M. Ziegler dated March 19, 2007

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EXHIBIT 1

JOINT FILING AGREEMENT

The undersigned hereby agree to the joint filing of the Schedule 13G to which this Agreement is attached.

Dated: February 11, 2011

ARTISAN INVESTMENT CORPORATION, for itself and as the general partner of ARTISAN PARTNERS HOLDINGS LP

By: Sarah A. Johnson*

ARTISAN INVESTMENTS GP LLC, for itself and as the general partner of ARTISAN PARTNERS LIMITED PARTNERSHIP

By: Sarah A. Johnson*

ZFIC, INC.

By: Sarah A. Johnson*

ANDREW A. ZIEGLER

Andrew A. Ziegler*

CARLENE M. ZIEGLER

Carlene M. Ziegler*

ARTISAN FUNDS, INC.

By: Sarah A. Johnson*

Investments GP LLC Attorney-in-Fact for ZFIC, Inc. Attorney-in-Fact for Andrew A. Ziegler Attorney-in-Fact for Carlene M. Ziegler General Counsel and Secretary of Artisan Funds, Inc.

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EXHIBIT 2

POWER OF ATTORNEY

The undersigned, ZFIC, Inc., hereby appoints Lawrence A. Totsky, Janet D. Olsen, and Sarah A. Johnson, and each of them individually, its true and lawful attorney-in-fact and agent, with full power to execute and file with the United States Securities and Exchange Commission and any stock exchange or similar authority, for and on its behalf in any and all capacities, any and all reports required to be filed pursuant to Section 13 of the Securities Exchange Act of 1934 and the rules thereunder, including but not limited to reports on Schedule 13D or 13G, any and all amendments to such reports, with all exhibits, and any other forms or documents as may be necessary in connection with the filing of such reports with the United States Securities and Exchange Commission and any stock exchange or similar authority, granting unto said attorney full power and authority to do and perform any and all acts for and on behalf of the undersigned might or could do in person.

This Power of Attorney shall remain in full force and effect until revoked by the undersigned in a signed writing delivered to the foregoing attorneys-in-fact and agents.

IN WITNESS WHEREOF the undersigned has caused this Power of Attorney to be executed this 19th day of March, 2007.

ZFIC, INC.

By: /s/ Andrew A. Ziegler

Andrew A. Ziegler Vice President

STATE OF WISCONSIN)) SS. COUNTY OF MILWAUKEE)

I, Timothy K. Weston, a Notary Public in and for the County of Milwaukee, State of Wisconsin, DO HEREBY CERTIFY that Andrew A. Ziegler, who is personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he signed and delivered the said instrument as his own free and voluntary act, for the uses and purposes therein set forth.

Given under my hand and notarial seal, this 19th day of March, 2007.

/s/ Timothy K. Weston Notary Public Page 15 of 17

EXHIBIT 3

POWER OF ATTORNEY

The undersigned, Andrew A. Ziegler, hereby appoints Lawrence A. Totsky, Janet D. Olsen, and Sarah A. Johnson, and each of them individually, his true and lawful attorney-in-fact and agent, with full power to execute and file with the United States Securities and Exchange Commission and any stock exchange or similar authority, for and on his behalf in any and all capacities, any and all reports required to be filed pursuant to Section 13 of the Securities Exchange Act of 1934 and the rules thereunder, including but not limited to reports on Schedule 13D or 13G, any and all amendments to such reports, with all exhibits, and any other forms or documents as may be necessary in connection with the filing of such reports with the United States Securities and Exchange Commission and any stock exchange or similar authority, granting unto said attorney full power and authority to do and perform any and all acts for and on behalf of the undersigned which may be necessary or desirable to complete, as fully as the undersigned might or could do in person.

This Power of Attorney shall remain in full force and effect until revoked by the undersigned in a signed writing delivered to the foregoing attorneys-in-fact and agents.

IN WITNESS WHEREOF the undersigned has caused this Power of Attorney to be executed this 19th day of March, 2007.

/s/ Andrew A. Ziegler -------Andrew A. Ziegler

STATE OF WISCONSIN)) SS. COUNTY OF MILWAUKEE)

I, Timothy K. Weston, a Notary Public in and for the County of Milwaukee, State of Wisconsin, DO HEREBY CERTIFY that Andrew A. Ziegler, who is personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he signed and delivered the said instrument as his own free and voluntary act, for the uses and purposes therein set forth.

Given under my hand and notarial seal, this 19th day of March, 2007.

/s/ Timothy K. Weston

Notary Public

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EXHIBIT 4

POWER OF ATTORNEY

The undersigned, Carlene M. Ziegler, hereby appoints Lawrence A. Totsky, Janet D. Olsen, and Sarah A. Johnson, and each of them individually, her true

and lawful attorney-in-fact and agent, with full power to execute and file with the United States Securities and Exchange Commission and any stock exchange or similar authority, for and on her behalf in any and all capacities, any and all reports required to be filed pursuant to Section 13 of the Securities Exchange Act of 1934 and the rules thereunder, including but not limited to reports on Schedule 13D or 13G, any and all amendments to such reports, with all exhibits, and any other forms or documents as may be necessary in connection with the filing of such reports with the United States Securities and Exchange Commission and any stock exchange or similar authority, granting unto said attorney full power and authority to do and perform any and all acts for and on behalf of the undersigned which may be necessary or desirable to complete, as fully as the undersigned might or could do in person.

This Power of Attorney shall remain in full force and effect until revoked by the undersigned in a signed writing delivered to the foregoing attorneys-in-fact and agents.

IN WITNESS WHEREOF the undersigned has caused this Power of Attorney to be executed this 19th day of March, 2007.

/s/ Carlene M. Ziegler Carlene M. Ziegler

STATE OF WISCONSIN)) SS. COUNTY OF MILWAUKEE)

I, Timothy K. Weston, a Notary Public in and for the County of Milwaukee, State of Wisconsin, DO HEREBY CERTIFY that Carlene M. Ziegler, who is personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that she signed and delivered the said instrument as her own free and voluntary act, for the uses and purposes therein set forth.

Given under my hand and notarial seal, this 19th day of March, 2007.

/s/ Timothy K. Weston

Notary Public

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