COGNEX CORP Form SC 13G February 14, 2005

SECURITIES AND EXCHANGE COMMISSION WASHINGTON, DC 20549

SCHEDULE 13G (RULE 13d-102)

INFORMATION TO BE INCLUDED IN STATEMENTS FILED PURSUANT TO RULES 13d-1(b)(c), AND (d) AND AMENDMENTS THERETO FILED PURSUANT TO RULE 13d-2(b)

COGNEX CORPORATION (Name of Issuer)

COMMON STOCK (Title of Class of Securities)

192422103 (CUSIP Number)

DECEMBER 31, 2004 (Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

[] Rule 13d-1(b)

[] Rule 13d-1(c)

[X] Rule 13d-1(d)

(1) 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 (the "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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1. NAMES OF REPORTING PERSONS Robert J. Shillman I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)

2.	CHECK THE APP	HECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP* (a) [] (b) []							
3.	SEC USE ONLY	EC USE ONLY							
4.	CITIZENSHIP O	ITIZENSHIP OR PLACE OF ORGANIZATION SA							
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING		5.	5. SOLE VOTING POWER 4,374,306 (1)						
		6.	6. SHARED VOTING POWER 0						
		7.	7. SOLE DISPOSITIVE POWER 4,374,306 (1)						
		8.	SHARED DISPOSITIVE POWER 0						
9.	AGGREGATE A	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 4,374,306							
10.	CHECK BOX I	 F THE	AGGREGATE AMOUNT IN ROW (9) EXCLUDES	CERTAIN SHARES*					
			REPRESENTED BY AMOUNT IN ROW 9						
12.	TYPE OF REP	 ORTIN	G PERSON*						
		*SEE	INSTRUCTIONS BEFORE FILLING OUT!						
			2						
CUSIP N	0. 192422103		13G	PAGE 3 OF 6 PAGES					
ITEM 1(A). NAME OF I	SSUER	:						
	COGNEX CO	RPORA	IION						
ITEM 1(a). ADDRESS OF ISSUER'S PRINCIPAL EXECUTIVE OFFICES:								
	One Visio	n Dri	ve, Natick, MA 01760						
ITEM 2(A). NAME OF PERSON FILING:								
	Robert J.	Shil	lman						
ITEM 2(B). ADDRESS O	F PRI	NCIPAL BUSINESS OFFICE OR, IF NONE, R	RESIDENCE:					

	c/o C	Cognex	Corporation, One Vision Drive, Natick, MA 01760				
ITEM 2(C).	C). CITIZENSHIP:						
	USA						
ITEM 2(D).	TITLE OF CLASS OF SECURITIES:						
	Commo	n Stoc	ck				
ITEM 2(E).	E). CUSIP NUMBER:						
	19242	22103					
ITEM 3.	IF THIS STATEMENT IS FILED PURSUANT TO RULE 13D-1(B), OR 13D-2(B) OR (C), CHECK WHETHER THE PERSON FILING IS A:						
	(a)	[]	Broker or dealer registered under Section 15 of the Exchange Act;)			
	(b)	[]	Bank as defined in Section 3(a)(6) of the Exchange	Act;			
	(c)	[]	Insurance company as defined in Section 3(a)(19) of Exchange Act;	f the			
	(d)	[]	Investment company registered under Section 8 of the Investment Company Act;	ıe			
	(e)	[]	An investment adviser in accordance with Rule 13d-1(b)(1)(ii)(E);				
	(f)	[]	An employee benefit plan or endowment fund in account with Rule 13d-1(b)(1)(ii)(F);	rdance			
			3				
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	(g)	[]	A parent holding company or control person in account with Rule 13d-1(b)(1)(ii)(G);	rdance			
	(h)	[]	A savings association as defined in Section 3(b) of Federal Deposit Insurance Act;	f the			
	(i)	[]	A church plan that is excluded from the definition of an investment company under Section 3(c)(14) of Investment Company Act;	the			
	(j)	[]	Group, in accordance with Rule 13d-1(1)(ii)(J).				
ITEM 4.	OWNE	CRSHIP.					
	(a)	Amou	ant beneficially owned:				
		4,37	74,306 (1)				
(b) Pero		Perc	cent of class:				
		9.4%	(2)				
	(c)	Nıımh	per of shares as to which such person has:				

- (i) Sole power to vote or to direct the vote 4,374,306 (1)
- (ii) Shared power to vote or to direct the

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- (iii) Sole power to dispose or to direct the disposition of
- 4,374,306 (1)
- (iv) Shared power to dispose or to direct the disposition of

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- (1) Aggregate amount of beneficial ownership includes (i) 4,034,506 shares held by Mr. Shillman, (ii) 90,000 shares owned by the Shillman Foundation, and (iii) options exercisable as of December 31, 2004 or exercisable within sixty days of December 31, 2004 to purchase 242,100 shares. Also includes 700 shares owned by Mr. Shillman's spouse and 7,000 shares owned by Mr. Shillman's children which Mr. Shillman may be deemed to beneficially own, but as to which he disclaims beneficial ownership.
- (2) Based on 46,154,630 shares of common stock outstanding as of December 31, 2004, and 242,100 shares subject to options exercisable as of December 31, 2004 or exercisable within 60 days of December 31, 2004.
- ITEM 5. OWNERSHIP OF FIVE PERCENT OR LESS OF A CLASS.

If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following: []

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- 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 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. CERTIFICATIONS.

Not applicable

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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.

/s/ Robert J. Shillman
(Signature)

Robert J. Shillman

(Name/Title)