

**COGNEX CORP**  
Reported by  
**MILLER JEFFREY BENJAMIN**

**FORM 4**  
(Statement of Changes in Beneficial Ownership)

Filed 11/07/17 for the Period Ending 11/06/17

Address ONE VISION DR  
NATICK, MA, 01760  
Telephone 5086503000  
CIK 0000851205  
Symbol CGNX  
SIC Code 3823 - Industrial Instruments for Measurement, Display, and Control of Process Variables and Related Products  
Industry Industrial Machinery & Equipment  
Sector Industrials  
Fiscal Year 12/31

# FORM 4

**UNITED STATES SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549**

OMB APPROVAL  
OMB Number: 3235-0287  
Estimated average burden  
hours per response... 0.5

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## STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or  
Section 30(h) of the Investment Company Act of 1940

<b>1. Name and Address of Reporting Person -*</b>  <b>miller jeffrey benjamin</b> (Last) (First) (Middle)  <b>ONE VISION DRIVE</b> (Street)  <b>NATICK, MA 01760</b> (City) (State) (Zip)	<b>2. Issuer Name and Ticker or Trading Symbol</b>  <b>COGNEX CORP [ CGNX ]</b>	<b>5. Relationship of Reporting Person(s) to Issuer</b> (Check all applicable)  <input checked="" type="checkbox"/> Director _____ 10% Owner _____ Officer (give title below) _____ Other (specify below)
<b>3. Date of Earliest Transaction (MM/DD/YYYY)</b>  <b>11/6/2017</b>		<b>6. Individual or Joint/Group Filing (Check Applicable Line)</b>  <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person
<b>4. If Amendment, Date Original Filed (MM/DD/YYYY)</b>		

**Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned**

1. Title of Security (Instr. 3)	2. Trans. Date	2A. Deemed Execution Date, if any	3. Trans. Code (Instr. 8)		4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common Stock	11/6/2017		M		3750	A	\$16.795	3750	D	
Common Stock	11/6/2017		S		3750	D	\$134.4825	0	D	

**Table II - Derivative Securities 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. Trans. Date	3A. Deemed Execution Date, if any	4. Trans. Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		6. Date Exercisable and Expiration Date		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
Non-Qualified Stock Option (right to buy)	\$16.795	11/6/2017		M		3750		2/13/2013	11/2/2021	Common Stock	3750	\$0.0	3750	D	
Non-Qualified Stock Option (right to buy)	\$21.055							2/13/2014	2/13/2023	Common Stock	15000		15000	D	
Non-Qualified Stock Option (right to buy)	\$33.44							2/12/2017	2/12/2026	Common Stock	13000		13000	D	
Non-Qualified Stock Option (right to buy)	\$39.31							2/18/2015	2/18/2024	Common Stock	13000		13000	D	
Non-Qualified Stock Option (right to buy)	\$41.25							2/17/2016	2/17/2025	Common Stock	13000		13000	D	
Non-Qualified Stock Option (right to buy)	\$76.78							2/21/2018	2/21/2027	Common Stock	13000		13000	D	

**Explanation of Responses:**

**Reporting Owners**

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
miller jeffrey benjamin ONE VISION DRIVE NATICK, MA 01760	X			

**Signatures**

**Jeffrey B. Miller**

**11/7/2017**

—Signature of Reporting Person

Date

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

\* 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).

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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