

COGNEX CORP
Reported by
DIPALMA SHEILA MARIE

FORM 3
(Initial Statement of Beneficial Ownership)

Filed 11/02/17 for the Period Ending 10/26/17

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

INITIAL STATEMENT OF 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

1. Name and Address of Reporting Person *			2. Date of Event Requiring Statement (MM/DD/YYYY)		3. Issuer Name and Ticker or Trading Symbol		
DiPalma Sheila Marie			10/26/2017		COGNEX CORP [CGNX]		
(Last) (First) (Middle)			4. Relationship of Reporting Person(s) to Issuer (Check all applicable)				
13 EASTLEIGH LANE			<input type="checkbox"/> Director <input type="checkbox"/> 10% Owner <input checked="" type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below) SVP, CES & Treasurer /				
(Street)			5. If Amendment, Date Original Filed (MM/DD/YYYY)		6. Individual or Joint/Group Filing (Check Applicable Line)		
NATICK, MA 01760					<input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person		
(City) (State) (Zip)							

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)
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Table II - Derivative Securities Beneficially Owned (e.g. , puts, calls, warrants, options, convertible securities)

1. Title of Derivate Security (Instr. 4)	2. Date Exercisable and Expiration Date (MM/DD/YYYY)		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			
Non-Qualified Stock Option (right to buy)	2/13/2014	2/13/2023	Common Stock	17000	\$21.055	D	
Non-Qualified Stock Option (right to buy)	2/12/2017	2/12/2026	Common Stock	20000	\$33.44	D	
Non-Qualified Stock Option (right to buy)	5/2/2015	5/2/2024	Common Stock	15000	\$33.98	D	
Non-Qualified Stock Option (right to buy)	2/18/2015	2/18/2024	Common Stock	15000	\$39.31	D	
Non-Qualified Stock Option (right to buy)	5/4/2017	5/4/2026	Common Stock	10000	\$40.24	D	
Non-Qualified Stock Option (right to buy)	2/17/2016	2/17/2025	Common Stock	17000	\$41.25	D	
Non-Qualified Stock Option (right to buy)	2/21/2018	2/21/2027	Common Stock	25000	\$76.78	D	

Explanation of Responses:

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
DiPalma Sheila Marie				

13 EASTLEIGH LANE
NATICK, MA 01760

SVP, CES & Treasurer

Signatures

Sheila Marie DiPalma

11/2/2017

—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 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).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

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.