

**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<br><input checked="" type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below)<br><b>SVP, CES &amp; Treasurer /</b> |  |   |  |  |
| (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<br><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) |
|---------------------------------|---|--|---|

### 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.

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