

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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* SUN ANTHONY (Last) (First) (Middle) ONE VISION DRIVE (Street) NATICK MA 01760 (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol COGNEX CORP [CGNX]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director 10% Owner Officer (give title below) Other (specify below)
	3. Date of Earliest Transaction (Month/Day/Year) 08/06/2018	
	4. If Amendment, Date of Original Filed (Month/Day/Year)	6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person Form filed by More than One Reporting Person

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

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction 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	08/06/2018	08/06/2018	S		10,000	D	\$53.0141	284,262	D	

Table II - Derivative Securities Acquired, Disposed of, or 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. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction 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 (Month/Day/Year)		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: 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)	\$4								12/14/2000	03/02/2008	Common Stock	160,000	160,000	D		
Non-Qualified Stock Option (right to buy)	\$4.44								06/11/2011	06/11/2020	Common Stock	30,000	30,000	D		
Non-Qualified Stock Option (right to buy)	\$6.255								01/01/2006	01/10/2015	Common Stock	30,000	30,000	D		
Non-Qualified Stock Option (right to buy)	\$6.3988								12/31/2004	01/22/2016	Common Stock	40,000	40,000	D		
Non-Qualified Stock Option (right to buy)	\$7.6675								02/14/2012	02/14/2021	Common Stock	30,000	30,000	D		

**Table II - Derivative Securities Acquired, Disposed of, or 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. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction 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 (Month/Day/Year)		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: 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)	\$7.985							01/01/2005	02/25/2014	Common Stock	30,000		30,000	D	
Non-Qualified Stock Option (right to buy)	\$10.5275							02/13/2014	02/13/2023	Common Stock	30,000		30,000	D	
Non-Qualified Stock Option (right to buy)	\$16.72							02/12/2017	02/12/2026	Common Stock	26,000		26,000	D	
Non-Qualified Stock Option (right to buy)	\$19.655							02/18/2015	02/18/2024	Common Stock	26,000		26,000	D	
Non-Qualified Stock Option (right to buy)	\$20.625							02/17/2016	02/17/2025	Common Stock	26,000		26,000	D	
Non-Qualified Stock Option (right to buy)	\$38.39							02/21/2018	02/21/2027	Common Stock	26,000		26,000	D	
Non-Qualified Stock Option (right to buy)	\$56.44							02/20/2019	02/20/2028	Common Stock	13,000		13,000	D	

Explanation of Responses:

Anthony Sun 08/06/2018
** 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.

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 Number.