### RUNKEL JOHN F JR

Form 4

December 20, 2017

# FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

30(h) of the Investment Company Act of 1940

OMB Number:

3235-0287

Expires:

January 31, 2005

0.5

Estimated average burden hours per

**OMB APPROVAL** 

response...

Check this box if no longer subject to Section 16. Form 4 or Form 5

**SECURITIES** Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue.

See Instruction 1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person ** RUNKEL JOHN F JR			2. Issuer Name and Ticker or Trading Symbol SYNOPSYS INC [SNPS]	5. Relationship of Reporting Person(s) to Issuer  (Check all applicable)			
(Last)	(First)	(Middle)	3. Date of Earliest Transaction	(Check an approache)			
			(Month/Day/Year)	Director 10% Owner			
690 EAST MIDDLEFIELD ROAD  (Street)  MOUNTAIN VIEW, CA 94043			12/19/2017	_X_ Officer (give title Other (specify below)			
				General Counsel &			
			4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check			
			Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person			

(City)	(State)	(Zip) 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. 4. Securities Acquired Transaction(A) or Disposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8)  (A) or		5. Amount of Securities Beneficially Owned Following Reported Transaction(s)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)			
			Code	V	Amount		Price	(Instr. 3 and 4)		
Common Stock	12/19/2017		M		1,562	A	\$ 42.43	18,742	D	
Common Stock	12/19/2017		S		1,562	D	\$ 88	17,180	D	
Common Stock	12/19/2017		M		8,438	A	\$ 39.09	25,618	D	
Common Stock	12/19/2017		S		8,438	D	\$ 88	17,180	D	
Common Stock	12/19/2017		G	V	465	D	\$ 0 (1)	16,715	D	

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Common Stock 12/20/2017 G V 1,000 D \$ 0 (1) 15,715 D

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

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SEC 1474

(9-02)

# 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. 5. Number Transaction Derivative Code Securities (Instr. 8) Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Ame Underlying Sect (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	or No of Sh
Non-Qualified Stock Option (right to buy)	\$ 39.09	12/19/2017		M	8,438	05/23/2015(2)	05/23/2021	Common Stock	8
Non-Qualified Stock Option (right to buy)	\$ 42.43	12/19/2017		M	1,562	03/12/2015(3)	12/12/2021	Common Stock	1

# **Reporting Owners**

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

RUNKEL JOHN F JR

690 EAST MIDDLEFIELD ROAD General Counsel &

**MOUNTAIN VIEW, CA 94043** 

## **Signatures**

By: POA pursuant Christina Escalante-Dutra For: John Frederick Runkel, Jr.

\*\*Signature of Reporting Person Date

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# **Explanation of Responses:**

- \* 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).
- (1) Gift
- (2) 1/4 of the grant becomes exercisable one year after grant date with the remainder becoming exercisable in a series of 12 equal quarterly installments thereafter.
- (3) Option vests in 16 equal quarterly installments beginning on the date shown.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.