

Pham Trac

Form 4

December 11, 2018

**FORM 4**
**UNITED STATES SECURITIES AND EXCHANGE COMMISSION**  
**Washington, D.C. 20549**

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 OF  
SECURITIES**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934,  
Section 17(a) of the Public Utility Holding Company Act of 1935 or Section  
30(h) of the Investment Company Act of 1940

## OMB APPROVAL

OMB  
Number: 3235-0287  
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2005  
Estimated average  
burden hours per  
response... 0.5

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
Pham Trac

(Last) (First) (Middle)

690 EAST MIDDLEFIELD ROAD

(Street)

MOUNTAIN VIEW, CA 94043

(City) (State) (Zip)

2. Issuer Name **and** Ticker or Trading  
Symbol

SYNOPSYS INC [SNPS]

3. Date of Earliest Transaction  
(Month/Day/Year)

12/08/2018

4. If Amendment, Date Original  
Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to  
Issuer

(Check all applicable)

\_\_\_\_ Director \_\_\_\_ 10% Owner  
\_\_\_\_X\_\_\_\_ Officer (give title below) \_\_\_\_ Other (specify below)

CFO

6. Individual or Joint/Group Filing(Check  
Applicable Line)  
\_\_\_\_X\_\_\_\_ 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 Ownership (Instr. 4)
Common Stock	12/08/2018		M	2,062 A	\$ 0 21,036	D	
Common Stock	12/08/2018		F	714 <sup>(1)</sup> D	\$ 87.82 20,322	D	
Common Stock	12/08/2018		M	2,667 A	\$ 0 22,989	D	
Common Stock	12/08/2018		F	923 <sup>(1)</sup> D	\$ 87.82 22,066	D	
Common Stock	12/08/2018		M	2,278 A	\$ 0 24,344	D	

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Common Stock 12/08/2018 F 788 <sup>(1)</sup> D \$ 87.82 23,556 D

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

**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.**

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. 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 Underlying Securities (Instr. 3 and 4)			
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Restricted Stock Units	\$ 0	12/08/2018		D		2,062		12/08/2018	12/08/2018	Common Stock	2,062
Restricted Stock Units	\$ 0	12/08/2018		D		2,667		12/08/2018	12/08/2019	Common Stock	2,667
Restricted Stock Units	\$ 0	12/08/2018		D		2,278		12/08/2018	12/08/2020	Common Stock	2,278

## Reporting Owners

### Reporting Owner Name / Address

### Relationships

Director 10% Owner Officer Other

Pham Trac  
690 EAST MIDDLEFIELD ROAD  
MOUNTAIN VIEW, CA 94043

CFO

## Signatures

By: POA pursuant Christina Escalante-Dutra For: Trac  
Pham

12/11/2018

                     \*\*Signature of Reporting Person

Date

## 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).

These shares were retained by the Company in order to meet the tax withholding obligations of the award holder in connection with the  
(1) vesting of an installment of the performance restricted stock unit award. The Compensation Committee approved the disposition of shares by the award holder and the amount retained by the Company was not in excess of the amount of the tax liability.

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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