Smith Gregory Stephen Form 4 January 31, 2019

FORM 4

Form 4 or

obligations

may continue.

See Instruction

Form 5

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

Check this box if no longer subject to Section 16.

Section 16.

Section 16.

Section 16.

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

1(b).

(Print or Type Responses)

(Ctata)

1. Name and Address of Reporting Person * 5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading Smith Gregory Stephen Issuer Symbol TERADYNE, INC [TER] (Check all applicable) (Last) (First) (Middle) 3. Date of Earliest Transaction (Month/Day/Year) Director 10% Owner Other (specify _X__ Officer (give title . 1 HUCKLEBERRY ROAD 01/29/2019 below) President, Semiconductor Test (Street) 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 HOPKINTON, MA 01748 Person

(City)	(State)	(Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned							y 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 on(A) or Disposed of (D) (Instr. 3, 4 and 5) (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	(D)	Price	(Instr. 3 and 4)		
Common Stock	01/29/2019		M	2,445	A	\$ 36.34	13,755	D	
Common Stock	01/29/2019		F(1)	714	D	\$ 36.34	13,041	D	
Common Stock	01/30/2019		M	11,674	A	\$ 36.34	24,715	D	
Common Stock	01/30/2019		F(1)	3,433	D	\$ 36.34	21,282	D	
Common Stock	01/30/2019		M	12,224	A	\$ 36.34	33,506	D	

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Common Stock	01/30/2019	F(1)	4,032	D	\$ 29,474	D
Common Stock	01/30/2019	M	2,763	A	\$ 36.9 32,237	D
Common Stock	01/30/2019	F(1)	1,227	D	\$ 36.9 31,010	D

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

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(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. Transactic Code (Instr. 8)	nDerivative		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 Share
Restricted Stock Units	\$ 0 (2)	01/29/2019		M		2,445	(2)	(2)	Common Stock	2,445
Restricted Stock Units	\$ 0 (3)	01/29/2019		A	23,898		<u>(4)</u>	<u>(4)</u>	Common Stock	23,898
Restricted Stock Units	\$ 0 (5)	01/30/2019		M		11,674	<u>(5)</u>	<u>(5)</u>	Common Stock	11,674
Restricted Stock Units	\$ 0 (5)	01/30/2019		M		12,224	<u>(5)</u>	<u>(5)</u>	Common Stock	12,224
Restricted Stock Units	\$ 0 (6)	01/30/2019		M		2,763	<u>(6)</u>	<u>(6)</u>	Common Stock	2,763

Reporting Owners

Reporting Owner Name / Address	Relationships						
	Director	10% Owner	Officer	Other			

Reporting Owners 2

Smith Gregory Stephen 1 HUCKLEBERRY ROAD HOPKINTON, MA 01748

President, Semiconductor Test

Signatures

/s/ Ryan E. Driscoll, Deputy General Counsel, by power of attorney

01/31/2019

**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).
- (1) Shares/units withheld but not issued to satisfy certain tax withholding obligations.
- (2) Indicates conversion upon vesting of 25% of the time-based Restricted Stock Units (RSU's) granted on January 29, 2016. The remaining portion will vest on January 29, 2020.
- (3) Each Restricted Stock Unit (RSU) represents the right to receive one share of Teradyne, Inc. common stock.
- These are performance-based RSU's granted on January 29, 2016. The number of performance-based RSU's was determined on January 29, 2019 and vest in full on January 29, 2019.
- (5) Indicates conversion upon vesting of 100% of performance-based RSU's granted on January 29, 2016.
- (6) Indicates conversion upon vesting of the final 25% of the time-based RSU's granted on January 30, 2015.

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.

Signatures 3