TERADYNE, INC Form 4 January 31, 2017

FORM 4

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

OMB Number: 3235-0287

OMB APPROVAL

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Expires: January 31, 2005
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Form 4 or Form 5 obligations may continue.

See Instruction

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

response... 0.5

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * Smith Gregory Stephen			2. Issuer Name and Ticker or Trading Symbol TERADYNE, INC [TER]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)		
(Last)	(First)	(Middle)	3. Date of Earliest Transaction	(Check an applicable)		
			(Month/Day/Year)	Director 10% Owner		
1 HUCKLEBERRY ROAD			01/27/2017	X Officer (give title Other (specification) President, Semiconductor Test		
	(Street)		4. If Amendment, Date Original Filed(Month/Day/Year)	6. Individual or Joint/Group Filing(Check Applicable Line)		
HOPKINTON,	MA 01748			_X_ Form filed by One Reporting Person Form filed by More than One Reporting Person		

(City)	(State) (Z	Zip) Table	e I - Non-D	erivative S	Securi	ities Acc	quired, Disposed o	of, or Beneficial	ly Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2. Transaction Date 2A. Deemed Month/Day/Year) Execution Date, if any (Month/Day/Year)		4. Securities Acquired on(A) or Disposed of (D) (Instr. 3, 4 and 5)		5. Amount of Securities Beneficially Owned Following	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
Common			Code V	Amount	(A) or (D)	Price	Reported Transaction(s) (Instr. 3 and 4)		
Stock	01/30/2017		M	2,444	A	28.8	5,249	D	
Common Stock	01/30/2017		F	841	D	\$ 28.8	4,408	D	
Common Stock	01/30/2017		M	2,763	A	\$ 28.8	7,171	D	
Common Stock	01/30/2017		F	886	D	\$ 28.8	6,285	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. Transactic Code (Instr. 8)	5. Number of Derivative Securities Acquired Disposed (Instr. 3, 4, 5)	e (A) or of (D)	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and A Underlying S (Instr. 3 and
							Date Exercisable	Expiration Date	Title
				Code V	(A)	(D)			
Restricted Stock Units	\$ 0 (1)	01/27/2017		A	9,415		(2)	(2)	Common Stock
Non-qualified Stock Option (Right to Buy)	\$ 28.56	01/27/2017		A	9,428		01/27/2018(3)	01/27/2024	Common Stock
Restricted Stock Units	\$ 0 (1)	01/30/2017		M		2,444	<u>(4)</u>	<u>(4)</u>	Common Stock
Restricted Stock Units	\$ 0 (1)	01/30/2017		M		2,763	<u>(5)</u>	<u>(5)</u>	Common Stock

Reporting Owners

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

Smith Gregory Stephen 1 HUCKLEBERRY ROAD HOPKINTON, MA 01748

President, Semiconductor Test

Signatures

/s/ Ryan E. Driscoll, Deputy General Counsel, by power of attorney 01/31/2017

**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) Each Restricted Stock Unit (RSU) represents the right to receive one share of Teradyne, Inc. common stock.

Reporting Owners 2

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- (2) These RSU's were issued under Teradyne's 2006 Equity and Cash Compensation Inventive Plan, are time-based, and will vest in four equal installments beginning on January 27, 2018.
- (3) This option is granted under Teradyne's 2006 Equity and Cash Compensation Incentive Plan, and is exercisable at the rate of 25% per year, commencing on the date of the first anniversary of the grant, January 27, 2018.
- (4) These time-based Restricted Stock Units (RSUs) were granted under Teradyne's 2006 Equity and Cash Compensation Incentive Plan on January 29, 2016 and will vest in four equal installments beginning on January 29, 2017.
- These time-based Restricted Stock Units (RSUs) were granted under Teradyne's 2006 Equity and Cash Compensation Incentive Plan on (5) January 30, 2015 and vest in four equal installments beginning on January 30, 2016. The remaining portion will vest in three equal installments annually on the anniversary of the grant.

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.