

TERADYNE, INC
Reported by
MATZ MARILYN

FORM 3
(Initial Statement of Beneficial Ownership)

Filed 07/05/17 for the Period Ending 07/03/17

Address 600 RIVERPARK DRIVE
NORTH READING, MA 01864
Telephone 978-370-2700
CIK 0000097210
Symbol TER
SIC Code 3825 - Instruments for Measuring and Testing of Electricity and Electrical Signals
Industry Semiconductor Equipment & Testing
Sector Technology
Fiscal Year 12/31

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

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 * MATZ MARILYN (Last) (First) (Middle)	2. Date of Event Requiring Statement (MM/DD/YYYY) 7/3/2017	3. Issuer Name and Ticker or Trading Symbol TERADYNE, INC [TER]
TERADYNE, INC., 600 RIVERPARK DRIVE (Street)	4. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director <input type="checkbox"/> 10% Owner <input type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below)	6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person
NORTH READING, MA 01864 (City) (State) (Zip)	5. If Amendment, Date Original Filed (MM/DD/YYYY)	

Table I - Non-Derivative Securities Beneficially Owned

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
Common Stock	0	D	

Table II - Derivative Securities Beneficially Owned (e.g. , puts, calls, warrants, options, convertible securities)

1. Title of Derivate Security (Instr. 4)	2. Date Exercisable and Expiration Date (MM/DD/YYYY)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)		4. Conversion or Exercise Price of Derivative Security	5. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares			
Stock Options/restricted Stock Units	<u>(1)</u>	<u>(1)</u>	Common Stock	0	\$0	D	

Explanation of Responses:

(1) Not Applicable - No derivative securities beneficially owned.

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
MATZ MARILYN TERADYNE, INC. 600 RIVERPARK DRIVE NORTH READING, MA 01864	X			

Signatures

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

7/5/2017

** 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 5(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 control number.

Consent

Date: June 16, 2017

TO WHOM IT MAY CONCERN:

I hereby authorize Teradyne, Inc.'s Chief Financial Officer, General Counsel, Corporate Counsel, Secretary, Assistant Secretary or Corporate Controller, or any of their respective designees to execute and cause to be filed, on my behalf, (i) Form 144 or any other documents to be filed pursuant to Rule 144 of the Securities Act of 1933 and any regulations thereunder with respect to securities of Teradyne, Inc. and (ii) Form 4 and/or Form 5, including amendments thereto or other document required to be filed pursuant to Section 16(a) of the Securities and Exchange Act of 1934 and any regulations thereunder with respect to securities of Teradyne, Inc.

This authorization shall continue until terminated in writing by me.

Signature: /s/ Marilyn Matz Date Signed: June 16, 2017

Name Printed: Marilyn Matz