

Trafas Brian M.  
Form 4  
August 08, 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  
Expires: January 31,  
2005  
Estimated average  
burden hours per  
response... 0.5

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
Trafas Brian M.

(Last) (First) (Middle)

C/O KLA-TENCOR  
CORPORATION, ONE  
TECHNOLOGY DRIVE

(Street)

MILPITAS, CA 95035

(City) (State) (Zip)

2. Issuer Name **and** Ticker or Trading  
Symbol  
KLA TENCOR CORP [KLAC]

3. Date of Earliest Transaction  
(Month/Day/Year)  
08/06/2018

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)

Executive Vice President

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<br>Security<br>(Instr. 3)                 | 2. Transaction Date<br>(Month/Day/Year) | 2A. Deemed<br>Execution Date, if<br>any<br>(Month/Day/Year) | 3.<br>Transaction<br>Code<br>(Instr. 8) | 4. Securities Acquired<br>(A) or Disposed of (D)<br>(Instr. 3, 4 and 5) | 5. Amount of<br>Securities<br>Beneficially<br>Owned<br>Following<br>Reported<br>Transaction(s)<br>(Instr. 3 and 4) | 6.<br>Ownership<br>Form:<br>Direct (D)<br>or Indirect<br>(I)<br>(Instr. 4) | 7. Nature of<br>Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |
|---|---|---|---|---|--|--|---|
| Common<br>Stock                                       | 08/06/2018                              |   | S                                       | (A)<br>or<br>(D)<br>1,739<br>(1) D                                      | \$<br>118.87   | 649  | D   |
| Common<br>Stock -<br>Restricted<br>Stock Units<br>(2) | 08/06/2018                              |   | M                                       | 5,456<br>(3) D  | \$ 0   | 52,209 (4)   | D   |
| Common<br>Stock                                       | 08/06/2018                              |   | M                                       | 5,456<br>(3) A  | \$ 0   | 6,105  | D   |
| Common  | 08/06/2018                              |   | F                                       | 2,706 D   | \$   | 3,399  | D   |

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|   |            |   |           |   |           |            |   |
|---|------------|---|-----------|---|-----------|------------|---|
| Stock                                     |            |   | (5)       |   | 118.27    |            |   |
| Common Stock - Restricted Stock Units (2) | 08/06/2018 | M | 2,200 (6) | D | \$ 0      | 50,009 (4) | D |
| Common Stock                              | 08/06/2018 | M | 2,200 (6) | A | \$ 0      | 5,599      | D |
| Common Stock                              | 08/06/2018 | F | 1,091 (5) | D | \$ 118.27 | 4,508      | 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) | 8. Price of Derivative Security (Instr. 5) | 9. Number of Derivative Securities Beneficially Owned Following Reported Transaction (Instr. 3 and 4) |
|--|--|--------------------------------------|--|--------------------------------|---|--|---|--|---|
|  |  |                                      |  | Code                           | V (A) (D)   | Date Exercisable   | Expiration Date   | Title                                      | Amount or Number of Shares  |

## Reporting Owners

| Reporting Owner Name / Address  | Relationships                    |
|---|----------------------------------|
|   | Director 10% Owner Officer Other |
| Trafas Brian M.<br>C/O KLA-TENCOR CORPORATION<br>ONE TECHNOLOGY DRIVE<br>MILPITAS, CA 95035 | Executive Vice President         |

## Signatures

/s/ Teri Little as Attorney-in-Fact for Brian M.  
Trafas

08/08/2018

\_\_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).

(1) This sale was effected pursuant to the terms of a Rule 10b5-1 trading plan adopted by the Reporting Person on November 9, 2017.

(2) Each restricted stock unit ("RSU") represents a contingent right to receive one share of KLA-Tencor common stock.

(3) On August 6, 2015, in addition to the RSUs granted on that date that were subject only to service-vesting requirements (which RSUs were previously reported on Form 4), the Reporting Person was also granted RSUs covering up to a maximum of 11,000 shares (based on 125% of the target shares of 8,800) of KLA-Tencor common stock, subject to both performance-vesting and service-vesting requirements. On August 2, 2018 the Compensation Committee of the KLA-Tencor Board of Directors determined the level at which the corporate performance goals were attained and, based on the assessment, determined that the number of shares subject to the RSUs is 10,912. On August 6, 2018, 50% of the RSUs vested.

(4) Does not include performance-based RSUs, if any, held by the Reporting Person for which an assessment has not yet been made regarding the achievement of the applicable performance goals. Any such holdings will be reported on a Form 4 within two business days of the date such assessment is made.

(5) Pursuant to the terms of the grant, shares of KLA-Tencor common stock were automatically withheld at vesting to cover required tax withholding. The fair market value of KLA-Tencor common stock used for purposes of calculating the number of shares to be withheld was the closing price of KLA-Tencor common stock as reported on August 6, 2018.

(6) On August 6, 2015, the Reporting Person was granted an RSU for 8,800 shares of KLA-Tencor Common Stock. On August 6, 2018, 25% of those shares vested.

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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