KAUFMAN STEPHEN P

Form 4

January 31, 2013

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

3235-0287

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OMB APPROVAL

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Check this box

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

1(b).

(Last)

(Print or Type Responses)

1. Name and Address of Reporting Person * KAUFMAN STEPHEN P

(First)

2. Issuer Name and Ticker or Trading Symbol

KLA TENCOR CORP [KLAC]

5. Relationship of Reporting Person(s) to

(Check all applicable)

Issuer

(Middle)

3. Date of Earliest Transaction

_X__ Director Officer (give title

10% Owner

Other (specify

C/O KLA-TENCOR CORPORATION, ONE

TECHNOLOGY DRIVE (Street)

4. If Amendment, Date Original

Filed(Month/Day/Year)

(Month/Day/Year)

01/29/2013

6. Individual or Joint/Group Filing(Check

Applicable Line)

X Form filed by One Reporting Person Form filed by More than One Reporting

MILPITAS, CA 95035

| (City) | (State) (| Zip) Table | e I - Non-D | erivative | Secur | ities Acqui | red, Disposed of, | or Beneficiall | y Owned |
|--------------------------------------|---|---|--|--------------|------------------------------|---------------------|--|--|---|
| 1.Title of Security (Instr. 3) | 2. Transaction Date (Month/Day/Year) | 2A. Deemed Execution Date, if any (Month/Day/Year) | 3. Transactic Code (Instr. 8) | (Instr. 3, | ispose 4 and (A) or | d of (D) 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 Indirect Beneficial Ownership (Instr. 4) |
| Common Stock | 01/29/2013 | | Code V M | Amount 1,250 | (D) | Price \$ 51.98 | 4,789 | D | |
| Common Stock | 01/29/2013 | | S | 1,250 | D | \$ 55.745 | 3,539 | D | |
| Common Stock | 01/29/2013 | | M | 1,250 | A | \$ 47.86 | 4,789 | D | |
| Common Stock | 01/29/2013 | | S | 1,250 | D | \$ 55.735 (1) | 3,539 | D | |
| | 01/29/2013 | | M | 1,250 | A | \$ 41.45 | 4,789 | D | |

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Common Stock

| Common Stock | 01/29/2013 | S | 1,250 | D | \$ 55.733 (2) | 3,539 | D | |
|--|------------|---|-------|---|---------------------|--------|---|----------|
| Common Stock | | | | | | 15,224 | I | By Trust |
| Common Stock - Restricted Stock Units | | | | | | 2,558 | 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 op f 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 Underlying Securitie (Instr. 3 and 4) | |
|---|---|--------------------------------------|---|--|---|--|--------------------|---|---------------------------------------|
| | | | | Code V | (A) (D) | Date Exercisable | Expiration Date | Title | Amour or Number of Shares |
| Non-Qualified Stock Option (Right to Buy) | \$ 51.98 | 01/29/2013 | | M | 1,250 | <u>(5)</u> | 01/31/2013 | Common Stock | 1,25 |
| Non-Qualified Stock Option (Right to Buy) | \$ 47.86 | 01/29/2013 | | M | 1,250 | <u>(6)</u> | 05/02/2013 | Common Stock | 1,25 |
| Non-Qualified Stock Option (Right to Buy) | \$ 41.45 | 01/29/2013 | | M | 1,250 | <u>(7)</u> | 08/01/2013 | Common Stock | 1,25 |

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

KAUFMAN STEPHEN P C/O KLA-TENCOR CORPORATION ONE TECHNOLOGY DRIVE MILPITAS, CA 95035

X

Signatures

Brian M. Martin as Attorney-in-Fact for Stephen P. Kaufman

01/31/2013

**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).
- This transaction was executed in multiple trades at prices ranging from \$55.732 to \$55.742. The price reported above reflects the weighted-average sales price. The Reporting Person hereby undertakes to provide upon request to the SEC staff, the issuer or a security holder of the issuer, full information regarding the number of shares and prices at which the transaction was effected.
- This transaction was executed in multiple trades at prices ranging from \$55.731 to \$55.736. The price reported above reflects the
- (2) weighted-average sales price. The Reporting Person hereby undertakes to provide upon request to the SEC staff, the issuer or a security holder of the issuer, full information regarding the number of shares and prices at which the transaction was effected.
- (3) Shares held by The Stephen P. Kaufman Trust UAD 5/24/2002, of which the Reporting Person is a trustee and beneficiary.
- (4) Each restricted stock unit ("RSU") represents a contingent right to receive one share of KLA-Tencor common stock.
- (5) Represents a stock option granted on January 31, 2006, granting the Reporting Person the right to purchase up to 1,250 shares of KLA-Tencor common stock. All of the shares subject to this stock option vested immediately and were exercisable on January 31, 2006.
- Represents a stock option granted on May 2, 2006, granting the Reporting Person the right to purchase up to 1,250 shares of KLA-Tencor common stock. All of the shares subject to this stock option vested immediately and were exercisable on May 2, 2006.
- (7) Represents a stock option granted on August 1, 2006, granting the Reporting Person the right to purchase up to 1,250 shares of KLA-Tencor common stock. All of the shares subject to this stock option vested immediately and were exercisable on August 1, 2006.

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.

Reporting Owners 3