KLA TENC Form 4 December 02	2, 2013				CIIA				PPROVAL
	UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549						OMB Number:	3235-0287	
Check th if no long	aer.		0 /	·				Expires:	January 31, 2005
subject to       STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF       Estimated average         section 16.       SECURITIES       burden hours per								iverage	
(Print or Type l	Responses)								
	Address of Reporting Per	Symbol	r Name <b>and</b> ENCOR (			]	5. Relationship of I Issuer		
(Last)	(Last) (First) (Middle) 3. Date of Earliest Transaction			c all applicable	)				
(Month/Day/Year)X_D				_X_ Director Officer (give t below)	ve title 10% Owner Other (specify below)				
(Street)       4. If Amendment, Date Original       6. Individual or Joint/Group Filing(Check         Filed(Month/Day/Year)       Applicable Line)						rson			
(City)     (State)     (Zip)     Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned						lv Owned			
1.Title of Security (Instr. 3)		2A. Deemed	3. Transacti Code (Instr. 8)	4. Securi or(A) or D (Instr. 3,	ties A ispose 4 and (A) or	cquired d of (D)	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	11/27/2013		M	2,500	A	\$ 40.68	6,039	D	
Common Stock	11/27/2013		S	2,500	D	\$ 63.913 (1)	3,539	D	
Common Stock	11/27/2013		М	2,500	A	\$ 44.76	6,039	D	
Common Stock	11/27/2013		S	2,500	D	\$ 63.894 (2)	3,539	D	

Common Stock	11/27/2013	М	2,500	А	\$ 40.24	6,039	D	
Common Stock	11/27/2013	S	2,500	D	\$ 63.881 (3)	3,539	D	
Common Stock	11/27/2013	М	1,250	А	\$ 55.88	4,789	D	
Common Stock	11/27/2013	S	1,250	D	\$ 63.871 (4)	3,539	D	
Common Stock	11/27/2013	М	1,250	А	\$ 56.79	4,789	D	
Common Stock	11/27/2013	S	1,250	D	\$ 63.857 (5)	3,539	D	
Common Stock	11/27/2013	М	1,250	А	\$ 52.84	4,789	D	
Common Stock	11/27/2013	S	1,250	D	\$ 63.867 (6)	3,539	D	
Common Stock						17,782	I	By Trust
Common Stock - Restricted Stock Units (8)						1,856	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.

# Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of	2.	3. Transaction Date	3A. Deemed	4.	5. Number	6. Date Exercisable and	7. Title and Amount
Derivative Security (Instr. 3)	Conversion or Exercise Price of Derivative Security	(Month/Day/Year)	Execution Date, if any (Month/Day/Year)	Code	boof Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	Expiration Date (Month/Day/Year)	Underlying Securitie (Instr. 3 and 4)
				Code V	(A) (D)		Title

					Date Exercisable	Expiration Date		Amour or Numbe of Shares
Non-Qualified Stock Option (Right to Buy)	\$ 40.68	11/27/2013	М	2,500	<u>(9)</u>	10/18/2014	Common Stock	2,50
Non-Qualified Stock Option (Right to Buy)	\$ 44.76	11/27/2013	М	2,500	(10)	01/25/2015	Common Stock	2,50
Non-Qualified Stock Option (Right to Buy)	\$ 40.24	11/27/2013	М	2,500	(11)	05/11/2015	Common Stock	2,50
Non-Qualified Stock Option (Right to Buy)	\$ 55.88	11/27/2013	М	1,250	(12)	05/01/2014	Common Stock	1,25
Non-Qualified Stock Option (Right to Buy)	\$ 56.79	11/27/2013	М	1,250	(13)	07/31/2014	Common Stock	1,25
Non-Qualified Stock Option (Right to Buy)	\$ 52.84	11/27/2013	М	1,250	(14)	10/30/2014	Common Stock	1,25

### **Reporting Owners**

Reporting Owner Name / Address	Relationships					
reporting of the Linne ( Linne (	Director	10% Owner	Officer	Other		
KAUFMAN STEPHEN P C/O KLA-TENCOR CORPORATION ONE TECHNOLOGY DRIVE MILPITAS, CA 95035	Х					
Signatures						
Brian M. Martin as Attorney-in-Fact for Kaufman	Stephen	Р.	12	/02/2013		

\*\*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 \$63.88 to \$63.94. The price reported above reflects the(1) 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.
 (2) This transaction was executed in multiple trades at prices ranging from \$63.88 to \$63.91. 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 \$63.87 to \$63.90. The price reported above reflects the
 (3) 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 \$63.87 to \$63.88. The price reported above reflects the
 (4) 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 \$63.84 to \$63.87. The price reported above reflects the
  (5) 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 \$63.86 to \$63.87. The price reported above reflects the
  (6) 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.
- (7) By The Stephen P. Kaufman Trust UAD 5/24/2002, of which the Reporting Person is a trustee and beneficiary.
- (8) Each RSU represents a contingent right to receive one share of KLA-Tencor common stock.
- (9) Represents a stock option granted on October 18, 2004, granting the Reporting Person the right to purchase up to 2,500 shares of KLA-Tencor common stock. All of the shares subject to this stock option vested immediately and were exercisable on October 18, 2004.
- (10) Represents a stock option granted on January 25, 2005, granting the Reporting Person the right to purchase up to 2,500 shares of KLA-Tencor common stock. All of the shares subject to this stock option vested immediately and were exercisable on January 25, 2005.
- (11) Represents a stock option granted on May 11, 2005, granting the Reporting Person the right to purchase up to 2,500 shares of KLA-Tencor common stock. All of the shares subject to this stock option vested immediately and were exercisable on May 11, 2005.
- (12) Represents a stock option granted on May 1, 2007, 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 1, 2007.
- (13) Represents a stock option granted on July 31, 2007, 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 July 31, 2007.
- (14) Represents a stock option granted on October 30, 2007, 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 October 30, 2007.

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.