KLA TENCOR CORP

Form 4

Restricted

Common

Common

Stock

Stock

(1)

Stock Units

11/06/2013

November 06, 2013

November 06,	, 2013											
FORM 4 LINETED STATES SECURITIES AND EVOLANCE COMMISSION							OMB APPROVAL					
_	UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549								OMB Number:	3235-0287		
Check this if no longe subject to Section 16 Form 4 or	STA		NT OF CHANGES IN BENEFICIAL OW SECURITIES						Expires: January 31, 2005 Estimated average burden hours per response 0.5			
Form 5 obligations may continue. See Instruction 1(b). 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												
(Print or Type Re	esponses)											
1. Name and Address of Reporting Person ** Wang David C			2. Issuer Name and Ticker or Trading Symbol KLA TENCOR CORP [KLAC]					5. Relationship of Reporting Person(s) to Issuer (Check all applicable)				
(Last)	(First)	(Middle)	3. Date of Earliest Transaction					(Check all applicable) X Director 10% Owner				
C/O KLA-TENCOR CORPORATION, ONE TECHNOLOGY DRIVE			(Month/Day/Year) 11/06/2013					Officer (give titleOther (specify below)				
				dment, Date n/Day/Year)	e Original			6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person				
MILPITAS, O	CA 95035							Form filed by M Person	More than One Re	porting		
(City)	(State)	(Zip)	Table	I - Non-De	rivative S	ecuriti	ies Acq	uired, Disposed of	f, or Beneficial	ly Owned		
(Instr. 3) any			on Date, if TransactionAcquire Code Dispose (Instr. 8) (Instr. 3) Code V Amoun			(A) of (D)	(D) Securities (D) Beneficially (D) 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 -					1.056							
		_			1.856							

1,856

(2)

\$0 4,414

2,539

14,720

D

D

I

A

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

By Trust

(3)

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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	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exerc	cisable and	7. Title a	and	8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	TransactionNumber		Expiration Date		Amount	of	Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Underly	ing	Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Securitie	es	(Instr. 5)	Bene
	Derivative				Securities			(Instr. 3	and 4)		Own
	Security				Acquired						Follo
	·				(A) or						Repo
					Disposed						Trans
					of (D)						(Instr
					(Instr. 3,						
					4, and 5)						
									mount		
						Date	Expiration	01			
						Exercisable	•	Title Number			
								of			
				Code V	(A) (D)			S	hares		

Reporting Owners

Relationships Reporting Owner Name / Address

> Director 10% Owner Officer

Wang David C C/O KLA-TENCOR CORPORATION ONE TECHNOLOGY DRIVE MILPITAS, CA 95035

X

Signatures

Brian M. Martin as Attorney-in-Fact for David C.

Wang 11/06/2013

> **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).
- (1) Each restricted stock unit ("RSU") represents a contingent right to receive one share of KLA-Tencor common stock.
- Represents a grant of RSUs that, pursuant to KLA-Tencor's outside director compensation program, was automatically granted to the (2) Reporting Person on the date of KLA-Tencor's annual meeting of stockholders with respect to the Reporting Person's service on the Board of Directors for the upcoming year. The RSUs will fully vest one year from date of grant and will be deliverable on such date.
- (3) Shares held by the Wang Family Revocable Trust dated 7/2/2013.

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.

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