#### Edgar Filing: KLA TENCOR CORP - Form 4

KLA TENCOR ( Form 4	CORP										
August 01, 2006								OMB AP	PROVAL		
	UNITEI	UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549							3235-0287		
Check this bo if no longer subject to Section 16. Form 4 or								Expires:January 31 2005Estimated average burden hours per response0.5			
Form 5 obligations may continue. <i>See</i> Instructior 1(b).	Section 17	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 Respo	onses)										
1. Name and Address of Reporting Person <u>*</u> KAUFMAN STEPHEN P			2. issuer raune und riener or ridding			Relationship of Reporting Person(s) to ssuer					
(Last) (First) (Middle) C/O KLA-TENCOR CORPORATION, 160 RIO ROBLES			3. Date of Earliest Transaction (Month/Day/Year) 08/01/2006			_X_ Director	Officer (give title Other (specify				
· · · · · · · · · · · · · · · · · · ·	(Street)		4. If Amendment, Date Original Filed(Month/Day/Year)				6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person				
SAN JOSE, CA 95130								Form filed by More than One Reporting			
(City)	(State)	(Zip)	Table I - No	on-Derivati	ve Securit	ies Acqu	uired, Disposed of,	or Beneficially	y Owned		
1.Title of Security (Instr. 3)	2. Transac (Month/D		2A. Deemed Execution Date, if any (Month/Day/Year)	Code		(A) or of (D) and 5) (A) or	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)		7. Nature of Indirect Beneficial Ownership (Instr. 4)		
Common Stock						(_) 11	1,000	D			
Common Stock-Restricted Stock Units (1)	l						1,000	D			

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

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# 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 on 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 Ame Underlying Secu (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Ai or Ni of
Non-Qualified Stock Option (right to buy)	\$ 41.45	08/01/2006		А	1,250	08/01/2006	08/01/2013	Common Stock	1
Non-Qualified Stock Option (right to buy)	\$ 37.05					11/08/2002	11/08/2012	Common Stock	1
Non-Qualified Stock Option (right to buy)	\$ 40.24					05/11/2005	05/11/2015	Common Stock	2
Non-Qualified Stock Option (right to buy)	\$ 40.68					10/18/2004	10/18/2014	Common Stock	2
Non-Qualified Stock Option (right to buy)	\$ 44.76					01/25/2005	01/25/2015	Common Stock	2
Non-Qualified Stock Option (right to buy)	\$ 47.86					05/02/2006	05/02/2013	Common Stock	1
Non-Qualified Stock Option (right to buy)	\$ 49.99					11/04/2005	11/04/2012	Common Stock	1
Non-Qualified Stock Option (right to buy)	\$ 51.35					08/02/2005	08/02/2012 <u>(2)</u>	Common Stock	2
Non-Qualified Stock Option (right to buy)	\$ 51.98					01/31/2006	01/31/2013	Common Stock	]
Non-Qualified Stock Option (right to buy)	\$ 59.44					11/05/2003	11/05/2013	Common Stock	1

# **Reporting Owners**

Reporting Owner Name / Address	Relationships					
	Director	10% Owner	Officer	Other		
KAUFMAN STEPHEN P C/O KLA-TENCOR CORPORATION 160 RIO ROBLES SAN JOSE, CA 95130	Х					
Signatures						
By: Stuart J. Nichols For: Stephen P. Kaufman	08/01/2006					
**Signature of Reporting Person		Date				
<b>Explanation of Respon</b>	ses:					

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\* 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 represents a contingent right to receive one share of KLAC common stock.
- (2) Option expiration date was reported incorrectly on the original Form 4.

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.