



				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
Non-Qualified Stock Option (right to buy)	\$ 34.67	02/08/2007		M			12,317	11/08/2003	01/28/2013	Common Stock	12,317	\$ 50.9616	0	D	
Non-Qualified Stock Option (right to buy)	\$ 37.05	02/08/2007		M			6,159	11/08/2003	11/08/2012	Common Stock	6,159	\$ 50.9616	0	D	
Non-Qualified Stock Option (right to buy)	\$ 40.66	02/08/2007		M			2,625	10/27/2004	08/02/2014	Common Stock	2,625	\$ 50.9616	0	D	
Non-Qualified Stock Option (right to buy)	\$ 41.79	02/08/2007		M			20,000	09/21/2005	09/21/2014	Common Stock	20,000	\$ 50.9616	0	D	
Non-Qualified Stock Option (right to buy)	\$ 45.16	02/08/2007		M			4,375	10/27/2004	04/26/2014	Common Stock	4,375	\$ 50.9616	0	D	
Non-Qualified Stock Option (right to buy)	\$ 47.95	02/08/2007		M			3,000	09/26/2006	09/26/2012	Common Stock	3,000	\$ 50.9616	0	D	
Non-Qualified Stock Option (right to buy)	\$ 10.63							08/31/1999	08/31/2008	Common Stock	54,272		54,272	D	
Non-Qualified Stock Option (right to buy)	\$ 16.97							10/23/1999	10/23/2008	Common Stock	220,728		220,728	D	
Non-Qualified Stock Option (right to buy)	\$ 26.25							11/10/2001	11/10/2010	Common Stock	18,951		18,951	D	
Non-Qualified Stock Option (right to buy)	\$ 29.31							10/02/2002	10/02/2011	Common Stock	28,425		28,425	D	
Non-Qualified Stock Option (right to buy)	\$ 32.75							04/04/2002	04/04/2011	Common Stock	18,951		18,951	D	

Non-Qualified Stock Option (right to buy)	\$ 33.75						10/27/2000	10/27/2009	Common Stock	90,000		90,000	D
Non-Qualified Stock Option (right to buy)	\$ 44.6875						08/13/2000	08/13/2010	Common Stock	37,901		37,901	D
Non-Qualified Stock Option (right to buy)	\$ 51.229						11/08/2003	07/30/2013	Common Stock	6,159		6,159	D
Non-Qualified Stock Option (right to buy)	\$ 53.86						10/27/2004	10/27/2013	Common Stock	7,000		7,000	D
Non-Qualified Stock Option (right to buy)	\$ 58.10						10/27/2004	01/27/2014	Common Stock	3,500		3,500	D

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
LEVY KENNETH C/O KLA-TENCOR CORPORATION 160 RIO ROBLES SAN JOSE, CA 95130	X		Chairman of the Board	

## Signatures

Kenneth Levy	02/11/2007
<small>**Signature of Reporting Person</small>	<small>Date</small>

## 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) Due to an administrative error, the number of securities beneficially owned by the reporting person was reported incorrectly on the original Form 4.
- (2) Each restricted stock unit represents a contingent right to receive one share of KLAC common stock.

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.