

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

FORM 4
STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue.

1. Name and Address of Reporting Person(s)
Fortino, Dennis J
133 Jackson Street
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.
Los Gatos, CA 95032
2. Issuer Name and Ticker or Trading Symbol
KLA-Tencor Corporation (KLAC)
3. I.R.S. Identification Number of Reporting Person, if an entity (Voluntary)
4. Statement for Month/Year
11/02
5. If Amendment, Date of Original (Month/Year)
6. Relationship of Reporting Person(s) to Issuer (Check all applicable)
 Director 10% Owner
 Officer (give title below) Other (specify below)
Executive Vice President
7. Individual or Joint/Group Filing (Check Applicable Line)
 Form filed by One Reporting Person
 Form filed by More than One Reporting Person

Table I Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1) Title of Security	2) Trans- action Date (Month/ Day/Year)	3) Trans- action Code V	4) Securities Acquired (A) or Disposed of (D) A or D Amount	5) Amount of Securities Beneficially Owned at End of Month	6) 7) Nature of Indirect D Beneficial or I Ownership
Common Stock				4,676	D Direct

Table II (PART 1) Derivative Securities Acquired, Disposed of, or Beneficially Owned (Columns 1 through 6)

1) Title of Derivative Security	2) Conversion or Exercise Price of Derivative Security	3) Trans- action Date	4) Trans- action Code V A	5) Number of Derivative Securities Acquired (A) or Disposed of (D) D	6) Date Exercisable and Expiration Date Exercisable Expiration
Non-Qualified Stock Option (right to buy)	\$10.6300				08/31/08
Non-Qualified Stock Option (right to buy)	\$26.2500				11/10/10
Non-Qualified Stock Option (right to buy)	\$29.3100				10/02/11
Non-Qualified Stock Option (right to buy)	\$32.7500				04/04/11
Non-Qualified Stock Option (right to buy)	\$33.7500				10/27/09
Non-Qualified Stock Option (right to buy)	\$37.0500	11/08/02	A	12,500	11/08/12
Non-Qualified Stock Option (right to buy)	\$44.6875				08/11/10
Non-Qualified Stock Option (right to buy)	\$44.6875				08/13/10

Table II (PART 2) Derivative Securities Acquired, Disposed of, or Beneficially Owned (Columns 1,3 and 7 through 11)

1) Title of Derivative Security	3) Trans- action Date	7) Title and Amount of Underlying Securities Title	8) Price of Derivative Security Amount or Number of Shares	9) Number of Derivative Securities Beneficially Owned at End of Month	10) 11) Nature of D Indirect or I Beneficial Ownership
Non-Qualified Stock Option (right to buy)		Common Stock	4,667	4,667	D Direct
Non-Qualified Stock Option (right to buy)		Common Stock	15,750	15,750	D Direct
Non-Qualified Stock Option (right to buy)		Common Stock	45,000	45,000	D Direct
Non-Qualified Stock Option (right to buy)		Common Stock	22,500	22,500	D Direct
Non-Qualified Stock Option (right to buy)		Common Stock	60,000	60,000	D Direct
Non-Qualified Stock Option (right to buy)	11/08/02	Common Stock	12,500	12,500	D Direct
Non-Qualified Stock Option (right to buy)		Common Stock	5,370	5,370	D Direct

Non-Qualified Stock Option
(right to buy)

Common Stock

39,630

39,630

D Direct

<FN>

Explanation of Responses:

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SIGNATURE OF REPORTING PERSON

/S/ By: Stuart J. Nichols

For: Dennis J. Fortino

DATE 11/11/02