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

FORM 8-K

CURRENT REPORT

Pursuant to Section 13 or 15(d) of The Securities Exchange Act of 1934

Date of Report (Date of earliest event reported): October 23, 2014

KLA-TENCOR CORPORATION

		(Exact name of registrant as specified in its charter)				
	Delaware	000-09992	04-2564110			
	(State or other jurisdiction of incorporation)	(Commission File Number)	(I.R.S. Employer Identification No.)			
	One Technology Drive,	Milpitas, California	95035			
	(Address of principal e	executive offices)	(Zip Code)			
Registrant's telephone number, including area code: (408) 875-3000						
	(F	Former name or former address, if changed since last report				
Check th	e appropriate box below if the Form 8-K filing is inte	ended to simultaneously satisfy the filing obligatio	n of the registrant under any of the following provisions:			
	Written communications pursuant to Rule 425 under	er the Securities Act (17 CFR 230.425)				
	Soliciting material pursuant to Rule 14a-12 under the	he Exchange Act (17 CFR 240.14a-12)				
	Pre-commencement communications pursuant to R	ule 14d-2(b) under the Exchange Act (17 CFR 24	0.14d-2(b))			
	Pre-commencement communications pursuant to R	ule 13e-4(c) under the Exchange Act (17 CFR 240).13e-4(c))			

Item 2.02 Results of Operations and Financial Condition.

On October 23, 2014, KLA-Tencor Corporation (the "Company") issued a press release announcing selected operating results for its first quarter of fiscal year 2015. A copy of the press release is furnished as Exhibit 99.1 to this Current Report on Form 8-K.

The information in Item 2.02 of this Current Report on Form 8-K and the exhibit attached hereto shall not be deemed "filed" for purposes of Section 18 of the Securities Exchange Act of 1934, as amended (the "Exchange Act"), or otherwise subject to the liabilities under that section, nor shall it be deemed incorporated by reference in any filing under the Securities Act of 1933, as amended, or the Exchange Act, regardless of any general incorporation language in such filing.

Item 9.01 Financial Statements and Exhibits.

(d) Exhibits

The following exhibit is furnished herewith:

Exhibit No. Description

99.1 Text of press release issued by KLA-Tencor Corporation dated October 23, 2014

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, as amended, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

KLA-TENCOR CORPORATION

Date: October 23, 2014 By: /s/ BRIAN M. MARTIN

Name: Brian M. Martin

Title: Executive Vice President and General Counsel

EXHIBIT INDEX

Exhibit No. Description

99.1 Text of press release issued by KLA-Tencor Corporation dated October 23, 2014

FOR IMMEDIATE RELEASE

Investor Relations:

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KLA-TENCOR REPORTS FISCAL 2015 FIRST QUARTER RESULTS

AND ANNOUNCES A PLAN TO PURSUE A LEVERAGED RECAPITALIZATION FEATURING A \$2.75 BILLION SPECIAL CASH DIVIDEND AND AN EXPANDED STOCK REPURCHASE PROGRAM

MILPITAS, Calif., October 23, 2014 - <u>KLA-Tencor Corporation</u> (NASDAQ: KLAC) today announced operating results for itsfirst quarter of fiscal year 2015, which ended on September 30, 2014, and reported GAAP net income of \$72 million and GAAP earnings per diluted share of \$0.43 on revenues of \$643 million.

GAAP Results							
Q1 FY 2015 Q4 FY 2014 Q1 FY 2014							
Revenues	\$643 million	\$734 million	\$658 million				
Net Income	\$72 million	\$129 million	\$111 million				
Earnings per Diluted Share	\$0.43	\$0.77	\$0.66				

Non-GAAP Results							
	Q1 FY 2015	Q4 FY 2014	Q1 FY 2014				
Net Income	\$79 million	\$133 million	\$115 million				
Earnings per Diluted Share	\$0.47	\$0.80	\$0.68				

A reconciliation between GAAP operating results and non-GAAP operating results is provided following the financial statements that are part of this release. Non-GAAP results include the impact of stock-based compensation, but exclude the impact of acquisitions, and restructuring, severance and other charges.

Leveraged Recapitalization

KLA-Tencor also announced today a plan to significantly accelerate its strategy to drive stockholder returns. As part of the Company's ongoing commitment to deliver stockholder value, the Board of Directors has authorized the financing of a leveraged recapitalization, which would feature a special cash dividend of \$16.50 per share, representing approximately 23% of the Company's common stock price as of October 22, 2014, or an aggregate value of approximately \$2.75 billion. Subject to the close of necessary financing, the Board of Directors currently intends to declare and pay the special cash dividend before December 31, 2014. The special cash dividend would be in addition to the Company's regular \$0.50 per share quarterly cash dividend. The Company's regular \$0.50 per share quarterly cash dividend bedore December 31, 2014.

In connection with the leveraged recapitalization, the Board of Directors has approved an increase to the Company's stock repurchase program for up to 3.6 million additional shares of the Company's common stock, which is valued at approximately \$250 million based upon the closing price of the Company's common stock as of October 20, 2014. This is in addition to the \$1 billion stock repurchase program previously announced in July 2014. KLA-Tencor expects to complete these share repurchases within 12 to 18 months. The repurchases may occur from time to time, in the open market, with consideration given to the market price of the common stock, the Company's other investment opportunities, and general economic conditions.

Including the intended special cash dividend of \$16.50 per share or an aggregate value of approximately \$2.75 billion, the \$250 million increase to the stock repurchase program announced today, and the \$1 billion stock repurchase program previously announced in July 2014, the total capital that would be directed to stockholders would be approximately \$4 billion in aggregate.

"KLA-Tencor's strong business model and the ongoing successful execution of our strategic plans enable us to continue to invest in our business at a high level to fuel our growth and support our customers' needs, while also delivering meaningful returns to stockholders," commented Rick Wallace, President and Chief Executive Officer. "These factors, coupled with a strong balance sheet and the Company's ongoing focus on cash distributions, will enable our stockholders to continue to benefit from KLA-Tencor's sustained success in the marketplace. This is another major step forward for the Company in executing our capital allocation strategies in support of our strategic objectives, while increasing returns to stockholders."

The intended special cash dividend of \$2.75 billion in the aggregate will be funded in part with a portion of the cash on the Company's balance sheet, and in part with incremental debt. To fund the debt financed portion of the special cash dividend, KLA-Tencor intends to add up to \$2.5 billion of incremental debt, consisting of a combination of investment grade senior notes and a pre-payable term loan facility, subject to market conditions. The Company also expects to enter into an unfunded revolving credit facility, subject to market conditions. The declaration and payment of the special cash dividend are conditioned on the Company's ability to obtain requisite debt financing on satisfactory terms and conditions. KLA-Tencor intends to manage its capital structure to preserve and maintain its investment grade rating.

In considering the proposed recapitalization, the Board of Directors took a number of factors into account, including the substantial net cash on KLA-Tencor's balance sheet, the likely effects of increased leverage on the Company's ability to pursue its strategic initiatives, and the Company's ability to generate cash flows to service the Company's increased debt and fund operations and investments designed to grow the business and serve customer needs.

KLA-Tencor will discuss the results for its fiscal year 2015 first quarter and its plan to pursue a recapitalization, along with its outlook, on a conference call today beginning at 2:00 p.m. Pacific Daylight Time. A webcast of the call will be available at: www.kla-tencor.com.

Forward-Looking Statements: Statements in this press release other than historical facts, such as statements regarding KLA-Tencor's ability to maintain, and benefit from, its market leadership position; KLA-Tencor's investment in its business; KLA-Tencor's ability to support its customers' needs; the declaration and payment by the Board of Directors of the special cash dividend and the regular \$0.50 per share quarterly cash dividend; the completion by KLA-Tencor of the share repurchases; the issuance by KLA-Tencor of incremental debt and entry by KLA-Tencor into an unfunded revolving credit facility; and KLA-Tencor's intention to manage its capital structure to preserve and maintain its investment grade rating, are forward-looking statements, and are subject to the Safe Harbor provisions created by the Private Securities Litigation Reform Act of 1995. These forward-looking statements are based on current information and expectations, and involve a number of risks and uncertainties. Actual results may differ materially from those projected in such statements due to various factors, including but not limited to: the demand for semiconductors; the financial condition of the global capital markets and the general macroeconomic environment; new and enhanced product and technology offerings by competitors; cancellation of orders by customers; the ability of KLA-Tencor's research and development teams to successfully innovate and develop technologies and products that are responsive to customer demands; KLA-Tencor's ability to successfully manage its costs; market acceptance of the company's existing and newly issued products; and changing customer demands. For other factors that may cause actual results to differ materially from those projected and anticipated in forward-looking statements in this release, please refer to KLA-Tencor's Annual Report on Form 10-K for the year ended June 30, 2014, subsequently filed Quarterly Reports on Form 10-Q and other filings with the Securities and Exchange Commission (including,

About KLA-Tencor:

KLA-Tencor Corporation (NASDAQ: KLAC), a leading provider of process control and yield management solutions, partners with customers around the world to develop state-of-the-art inspection and metrology technologies. These technologies serve the semiconductor, LED and other related nanoelectronics industries. With a portfolio of industry-standard products and a team of world-class engineers and scientists, the company has created superior solutions for its customers for more than 35 years. Headquartered in Milpitas, California, KLA-Tencor has dedicated customer operations and service centers around the world. Additional information may be found at www.kla-tencor.com. (KLAC-F)

Use of Non-GAAP Financial Information:

The non-GAAP and supplemental information provided in this press release is a supplement to, and not a substitute for, KLA-Tencor's financial results presented in accordance with United States GAAP.

To supplement KLA-Tencor's condensed consolidated financial statements presented in accordance with GAAP, the company provides certain non-GAAP financial information, which is adjusted from results based on GAAP to exclude certain costs and expenses, as well as other supplemental information. The non-GAAP and supplemental information is provided to enhance the user's overall understanding of KLA-Tencor's operating performance and its prospects in the future. Specifically, KLA-Tencor believes that the non-GAAP information provides useful measures to both management and investors regarding financial and business trends relating to KLA-Tencor's financial performance by excluding certain costs and expenses that the company believes are not indicative of its core operating results. The non-GAAP information is among the budgeting and planning tools that management uses for future forecasting. However, because there are no standardized or generally accepted definitions for most non-GAAP financial metrics, definitions of non-GAAP financial metrics (for example, determining which costs and expenses to exclude when calculating such a metric) are inherently subject to significant discretion. As a result, non-GAAP financial metrics may be defined very differently from company to company, or even from period to period within the same company, which can potentially limit the usefulness of such information to an investor. The presentation of non-GAAP and supplemental information is not meant to be considered in isolation or as a substitute for results prepared and presented in accordance with United States GAAP.

KLA-Tencor Corporation

Condensed Consolidated Unaudited Balance Sheets

(In thousands)	Sept	September 30, 2014		June 30, 2014	
ASSETS					
Cash, cash equivalents and marketable securities	\$	2,942,492	\$	3,152,637	
Accounts receivable, net		444,048		492,863	
Inventories		676,241		656,457	
Other current assets		305,756		284,873	
Land, property and equipment, net		329,959		330,263	
Goodwill		335,315		335,355	
Purchased intangibles, net		23,624		27,697	
Other non-current assets		244,137		258,519	
Total assets	\$	5,301,572	\$	5,538,664	
LIABILITIES AND STOCKHOLDERS' EQUITY					
Current liabilities:					
Accounts payable	\$	108,287	\$	103,422	
Deferred system profit		88,801		147,923	
Unearned revenue		54,034		59,176	
Other current liabilities		553,715		585,090	
Total current liabilities		804,837		895,611	
Non-current liabilities:					
Long-term debt		748,054		747,919	
Unearned revenue		56,003		57,500	
Other non-current liabilities		162,958		168,288	
Total liabilities		1,771,852		1,869,318	
Stockholders' equity:					
Common stock and capital in excess of par value		1,235,986		1,220,504	
Retained earnings		2,329,936		2,479,113	
Accumulated other comprehensive income (loss)		(36,202)		(30,271)	
Total stockholders' equity		3,529,720		3,669,346	
Total liabilities and stockholders' equity	\$	5,301,572	\$	5,538,664	
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KLA-Tencor Corporation

Condensed Consolidated Unaudited Statements of Operations

	Three me	onths ended Se	ded September 30,		
(In thousands, except per share data)	2014		2013		
Revenues:					
Product	\$ 47	5,598 \$	501,740		
Service	16	5,303	156,597		
Total revenues	64	2,901	658,337		
Costs and operating expenses:					
Costs of revenues	28	3,467	277,657		
Engineering, research and development	14	3,637	132,273		
Selling, general and administrative	10	1,644	98,496		
Total costs and operating expenses	53.	3,748	508,426		
Income from operations	10	9,153	149,911		
Interest income and other, net	(1	0,146)	(10,047)		
Income before income taxes	99	9,007	139,864		
Provision for income taxes	20	5,774	28,667		
Net income	\$ 72	2,233 \$	111,197		
Net income per share:					
Basic	\$	0.44 \$	0.67		
Diluted	\$	0.43 \$	0.66		
Cash dividends declared per share	\$	0.50 \$	0.45		
Weighted-average number of shares:					
Basic	16	4,845	165,886		
Diluted	16	5,580	168,734		

KLA-Tencor Corporation Condensed Consolidated Unaudited Statements of Cash Flows

Interest paid

Non-cash investing activities:

Purchase of land, property and equipment

Three months ended September 30, 2014 2013 (In thousands) Cash flows from operating activities: \$ Net income 72,233 111,197 Adjustments to reconcile net income to net cash provided by operating activities: Depreciation and amortization 21,159 20,637 Non-cash stock-based compensation expense 15,483 19,219 Excess tax benefit from equity awards (14,223)(18,605) Net gain on sale of marketable securities and other investments (1,635)(234)Changes in assets and liabilities: Decrease in accounts receivable, net 39,261 85,771 Increase in inventories (23,445)(29,805) Increase in other assets (2,732)(9,425) Increase (decrease) in accounts payable (1,058)5,276 Increase (decrease) in deferred system profit (59,122)7,966 Decrease in other liabilities (17,329)(8,415)177,248 Net cash provided by operating activities 34,926 Cash flows from investing activities: Capital expenditures, net (13,445)(21,751)Purchase of available-for-sale securities (624,860) (348,031) Proceeds from sale of available-for-sale securities 732,337 203,541 Proceeds from maturity of available-for-sale securities 135,097 32,058 Purchase of trading securities (20,851)(22,567)Proceeds from sale of trading securities 18,366 18,986 225,548 (136,668) Net cash provided by (used in) investing activities Cash flows from financing activities: Issuance of common stock 4,677 41,047 Tax withholding payments related to vested and released restricted stock units (27,168)(48,264)Common stock repurchases (124,839)(60,504)Payment of dividends to stockholders (82,413)(74,617)Excess tax benefit from equity awards 14,223 18,605 Net cash used in financing activities (215,520)(123,733)Effect of exchange rate changes on cash and cash equivalents (6,132) 2,712 Net increase (decrease) in cash and cash equivalents 38,822 (80,441) Cash and cash equivalents at beginning of period 630,861 985,390 904,949 669,683 Cash and cash equivalents at end of period Supplemental cash flow disclosures: \$ 19,052 Income taxes paid, net \$ 20,361 \$ \$

136

3,571

217

1,798

KLA-Tencor Corporation Condensed Consolidated Unaudited Supplemental Information (In thousands, except per share data)

Reconciliation of GAAP Net Income to Non-GAAP Net Income

	Three months ended					
	Septe	mber 30, 2014	į	June 30, 2014	Sept	ember 30, 2013
GAAP net income	\$	72,233	\$	128,731	\$	111,197
Adjustments to reconcile GAAP net income to non-GAAP net income						
Acquisition related charges	a	3,998		4,216		4,169
Restructuring, severance and other related charges	b	4,057		2,459		1,237
Income tax effect of non-GAAP adjustments	c	(1,539)		(2,168)		(1,672)
Non-GAAP net income	\$	78,749	\$	133,238	\$	114,931
GAAP net income per diluted share	\$	0.43	\$	0.77	\$	0.66
Non-GAAP net income per diluted share	\$	0.47	\$	0.80	\$	0.68
Shares used in diluted shares calculation		166,580		167,345		168,734

<u>Pre-tax impact of items included in Condensed Consolidated Unaudited Statements of Operations</u>

	Acquisition related charges		Restructuring, severance and other related charges		Total pre-tax GAAP to non-GAAP adjustment	
Three months ended September 30, 2014						
Costs of revenues	\$	2,577	\$	355	\$	2,932
Engineering, research and development		700		2,933		3,633
Selling, general and administrative		721		769		1,490
Total in three months ended September 30, 2014	\$	3,998	\$	4,057	\$	8,055
Three months ended June 30, 2014						_
Costs of revenues	\$	2,623	\$	245	\$	2,868
Engineering, research and development		872		1,811		2,683
Selling, general and administrative		721		403		1,124
Total in three months ended June 30, 2014	\$	4,216	\$	2,459	\$	6,675
Three months ended September 30, 2013						
Costs of revenues	\$	1,921	\$	651	\$	2,572
Engineering, research and development		836		306		1,142
Selling, general and administrative		1,412		280		1,692
Total in three months ended September 30, 2013	\$	4,169	\$	1,237	\$	5,406

To supplement our condensed consolidated financial statements presented in accordance with GAAP, we provide certain non-GAAP financial information, which is adjusted from results based on GAAP to exclude certain costs and expenses, as well as other supplemental information. The non-GAAP and supplemental information is provided to enhance the user's overall understanding of our operating performance and our prospects in the future. Specifically, we believe that the non-GAAP information provides useful measures to both management and investors regarding financial and business trends relating to our financial performance by excluding certain costs and expenses that we believe are not indicative of our core operating results. The non-GAAP information is among the budgeting and planning tools that management uses for future forecasting. However, because there are no standardized or generally accepted definitions for most non-GAAP financial metrics, definitions of non-GAAP financial metrics (for example, determining which costs and expenses to exclude when calculating such a metric) are inherently subject to significant discretion. As a result, non-GAAP financial metrics may be defined very differently from company to company, or even from period to period within the same company, which can potentially limit the usefulness of such information to an investor. The presentation of non-GAAP and supplemental information is not meant to be considered in isolation or as a substitute for results prepared and presented in accordance with United States GAAP.

- a. Acquisition related charges includes amortization of intangible assets associated with acquisitions. Management believes that the expense associated with the amortization of acquisition related intangible assets are appropriate to be excluded because a significant portion of the purchase price for acquisitions may be allocated to intangible assets that have short lives, and exclusion of these expenses allows comparisons of operating results that are consistent over time for both KLA-Tencor's newly acquired and longheld businesses. Management believes excluding these items helps investors compare our operating performance with our results in prior periods as well as with the performance of other companies.
- b. Restructuring, severance and other related charges include costs associated with employee severance and other exit costs. Management believes excluding these items helps investors compare our operating performance with our results in prior periods as well as with the performance of other companies.
- c. Income tax effect of non-GAAP adjustments includes the income tax effects of the excluded items noted above. Management believes that it is appropriate to exclude the tax effects of the items noted above in order to present a more meaningful measure of non-GAAP net income.