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): January 29, 2019

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,		95035							
	(Address of principal	executive offices)	(Zip Code)							
	Registrant's	s telephone number, including area code: (40	8) 875-3000							
_	(For	mer name or former address, if changed since last re	port)							
Check provisi		is intended to simultaneously satisfy the filin	g obligation of the registrant under any of the following							
	Written communications pursuant to Rule 425	under the Securities Act (17 CFR 230.425)								
	Soliciting material pursuant to Rule 14a-12 ur	der the Exchange Act (17 CFR 240.14a-12)								
	Pre-commencement communications pursuant	to Rule 14d-2(b) under the Exchange Act (1	7 CFR 240.14d-2(b))							
	Pre-commencement communications pursuant	to Rule 13e-4(c) under the Exchange Act (17	7 CFR 240.13e-4(c))							

Item 2.02 Results of Operations and Financial Condition.

On January 29, 2019, KLA-Tencor Corporation (the "Company") issued a press release announcing selected financial and operating results for its second quarter of fiscal year 2019. 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 filed herewith:

Exhibit No. Description

99.1 Text of press release dated January 29, 2019 issued by KLA-Tencor Corporation

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: January 29, 2019 By: /s/ TERI A. LITTLE

Name: Teri A. Little

Title: Executive Vice President and Chief Legal Officer

FOR IMMEDIATE RELEASE

Investor Relations:

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KLA-TENCOR REPORTS FISCAL 2019 SECOND QUARTER RESULTS

MILPITAS, Calif., January 29, 2019 -<u>KLA-Tencor Corporation</u> (NASDAQ: KLAC) today announced operating results for its second quarter of fiscal year 2019, which ended on December 31, 2018, and reported GAAP net income of \$369 million and GAAP earnings per diluted share of \$2.42 on revenues of \$1.120 million.

"KLA reported excellent results for the December quarter, with shipments, revenue, and earnings per share each closing above the range of guidance in the period, capping the third consecutive year of double-digit growth for the company in calendar 2018," commented President and Chief Executive Officer Rick Wallace. "Our strong performance highlights the strength and resilience of the KLA business model, and demonstrates the company's ability to consistently drive long-term growth, and deliver top-tier financial performance and strong cash returns to stockholders."

GAAP Results										
	Q2 FY 2019	Q1 FY 2019	Q2 FY 2018							
Revenues	\$1,120 million	\$1,093 million	\$976 million							
Net Income (Loss)	\$369 million	\$396 million	\$(134) million							
Earnings (Loss) per Diluted Share	\$2.42	\$2.54	\$(0.86)							

Non-GAAP Results									
Q2 FY 2019 Q1 FY 2019 Q2 FY 2018									
Net Income	\$372 million	\$384 million	\$309 million						
Earnings per Diluted Share	\$2.44	\$2.46	\$1.97						

Effective on the first day of fiscal 2019, the Company adopted Accounting Standards Update 2014-09, Revenue from Contracts with Customers ("ASC 606"). Prior periods were not retrospectively restated, and accordingly, the condensed consolidated unaudited balance sheet as of June 30, 2018, and the condensed consolidated unaudited statements of operations for the three and six months ended December 31, 2017 and cash flows for the three months ended December 31, 2017 were prepared using accounting standards that were different than those in effect for the three and six months ended December 31, 2018.

A reconciliation between GAAP operating results and non-GAAP operating results is provided following the financial statements included in this release. Non-GAAP results include the impact of stock-based compensation, but exclude the impact of acquisitions or pending acquisitions, restructuring, severance, merger and other related charges and certain discrete tax items. KLA will discuss the results for its fiscal year 2019 second quarter, along with its outlook, on a conference call today beginning at 2:00 p.m. Pacific Time. A webcast of the call will be available at: www.kla.com.

About KLA:

KLA-Tencor Corporation (aka "KLA Corporation" or "KLA") develops industry-leading equipment and services that enable innovation throughout the electronics industry. We provide advanced process control solutions for manufacturing wafers and reticles, integrated circuits and packaging. In close collaboration with leading customers across the globe, our expert teams of physicists, engineers, data scientists and problem-solvers design solutions that move the world forward. Additional information may be found at www.kla.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's financial results presented in accordance with United States GAAP.

To supplement KLA'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 (benefits), as well as other supplemental information. The non-GAAP and supplemental information is provided to enhance the user's overall understanding of KLA's operating performance and its prospects in the future. Specifically, KLA believes that the non-GAAP information provides useful measures to both management and investors regarding financial and business trends relating to KLA's financial performance by excluding certain costs and expenses (benefits) 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 (benefits) 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)	Dec	 June 30, 2018	
ASSETS			
Cash, cash equivalents and marketable securities	\$	2,694,094	\$ 2,880,318
Accounts receivable, net		658,080	651,678
Inventories		1,005,990	931,845
Other current assets		127,350	85,159
Land, property and equipment, net		306,351	286,306
Goodwill		360,480	354,698
Deferred income taxes, non-current		225,124	193,200
Purchased intangible assets, net		23,818	19,333
Other non-current assets		204,000	216,819
Total assets	\$	5,605,287	\$ 5,619,356
LIABILITIES AND STOCKHOLDERS' EQUITY			
Current liabilities:			
Accounts payable	\$	152,491	\$ 169,354
Deferred system revenue		196,242	_
Deferred service revenue		168,936	69,255
Deferred system profit		_	279,581
Current portion of long-term debt		249,996	_
Other current liabilities		714,873	699,893
Total current liabilities		1,482,538	1,218,083
Non-current liabilities:			
Long-term debt		1,988,382	2,237,402
Deferred service revenue		90,466	71,997
Other non-current liabilities		446,279	471,363
Total liabilities		4,007,665	3,998,845
Stockholders' equity:			
Common stock and capital in excess of par value		619,265	617,999
Retained earnings		1,048,804	1,056,445
Accumulated other comprehensive income (loss)		(70,447)	(53,933)
Total stockholders' equity		1,597,622	1,620,511
Total liabilities and stockholders' equity	\$	5,605,287	\$ 5,619,356

KLA-Tencor Corporation
Condensed Consolidated Unaudited Statements of Operations

	 Three months ended December 31,					Six months ended December 31,				
(In thousands, except per share amounts)	 2018		2017		2018		2017			
Revenues:			_				_			
Product	\$ 852,201	\$	761,587	\$	1,681,428	\$	1,522,374			
Service	267,697		214,235		531,730		423,029			
Total revenues	1,119,898		975,822		2,213,158		1,945,403			
Costs and expenses:										
Costs of revenues	408,260		347,002		789,647		700,119			
Research and development	165,903		156,700		319,433		303,387			
Selling, general and administrative	112,462		105,265		226,900		212,697			
Interest expense and other, net	17,310		19,548		33,647		45,741			
Income before income taxes	415,963		347,307		843,531		683,459			
Provision for income taxes	46,863		481,626		78,487		536,842			
Net income (loss)	\$ 369,100	\$	(134,319)	\$	765,044	\$	146,617			
Net income (loss) per share:										
Basic	\$ 2.43	\$	(0.86)	\$	4.98	\$	0.94			
Diluted	\$ 2.42	\$	(0.86)	\$	4.96	\$	0.93			
Weighted-average number of shares:										
Basic	152,148		156,587		153,684		156,707			
Diluted	152,648		156,587		154,389		157,688			

KLA-Tencor Corporation Condensed Consolidated Unaudited Statements of Cash Flows

	Three months end December 31,				
(In thousands)		2018	,	2017	
Cash flows from operating activities:					
Net income (loss)	\$	369,100	\$	(134,319)	
Adjustments to reconcile net income to net cash provided by operating activities:	*	207,222	4	(===,===)	
Depreciation and amortization		15,806		16,130	
Loss (gain) on unrealized foreign exchange and other		895		(4,154)	
Stock-based compensation expense		15,695		13,739	
Changes in assets and liabilities, net of business acquisitions:		.,		,,,,,,	
Accounts receivable		(55,869)		(73,877)	
Inventories		(15,109)		(24,240)	
Other assets		34,978		86,512	
Accounts payable		(2,440)		11,069	
Deferred system revenue		(19,723)		_	
Deferred service revenue		12,211		_	
Deferred system profit		_		40,773	
Other liabilities		(73,372)		197,738	
Net cash provided by operating activities		282,172		129,371	
Cash flows from investing activities:					
Acquisition of non-marketable securities		_		(3,377)	
Businesses acquisitions, net of cash acquired		_		(4,780)	
Capital expenditures		(26,366)		(13,369)	
Purchases of available-for-sale securities		(2,686)		(134,268)	
Proceeds from sale of available-for-sale securities		107,370		56,506	
Proceeds from maturity of available-for-sale securities		128,052		123,095	
Purchases of trading securities		(27,481)		(18,914)	
Proceeds from sale of trading securities		29,722		21,062	
Net cash provided by investing activities		208,611		25,955	
Cash flows from financing activities:					
Proceeds from revolving credit facility, net of debt issuance costs		_		248,693	
Repayment of debt		_		(540,000)	
Issuance of common stock		20,556		20,579	
Tax withholding payments related to equity awards		(3,233)		(2,567)	
Common stock repurchases		(250,213)		(40,427)	
Payment of dividends to stockholders		(114,562)		(92,575)	
Net cash used in financing activities		(347,452)		(406,297)	
Effect of exchange rate changes on cash and cash equivalents		1,137		3,668	
Net increase (decrease) in cash and cash equivalents		144,468		(247,303)	
Cash and cash equivalents at beginning of period		1,649,514		1,320,697	
Cash and cash equivalents at end of period	\$	1,793,982	\$	1,073,394	
Supplemental cash flow disclosures:					
Income taxes paid	\$	87,854	\$	123,625	
Interest paid	\$		\$	55,693	
Non-cash activities:		,		,	
Accrued purchase of land, property and equipment - investing activities	\$	7,705	\$	5,548	
Business acquisition holdback amounts - investing activities	\$		\$	_	
Contingent consideration payable - financing activities	\$		\$		
Unsettled common stock repurchase - financing activities	\$		\$	1,289	
Dividends payable - financing activities	\$		\$	7,590	
	Ψ	2,101	*	,,5,0	

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

Reconciliation of GAAP Net Income (Loss) to Non-GAAP Net Income

	Three months ended						Six months ended			
	December 31, 2018		September 30, 2018		December 31, 2017		December 31, 2018		De	ecember 31, 2017
GAAP net income (loss)	\$	369,100	\$	395,944	\$	(134,319)	\$	765,044	\$	146,617
Adjustments to reconcile GAAP net income (loss) to non-GAAP net income:										
Acquisition-related charges	a	4,281		5,551		1,608		9,832		3,195
Merger-related charges	b	_		_		_		_		3,015
Income tax effect of non-GAAP adjustments	c	(276)		(310)		(465)		(586)		(2,064)
Discrete tax items	d	(765)		(17,106)		441,894		(17,871)		441,894
Non-GAAP net income	\$	372,340	\$	384,079	\$	308,718	\$	756,419	\$	592,657
GAAP net income (loss) per diluted share	\$	2.42	\$	2.54	\$	(0.86)	\$	4.96	\$	0.93
Non-GAAP net income per diluted share	\$	2.44	\$	2.46	\$	1.97	\$	4.90	\$	3.76
Shares used in diluted shares calculation		152,648		156,083		156,587		154,389		157,688

Pre-tax impact of GAAP to non-GAAP adjustments included in Condensed Consolidated Unaudited Statements of Operations

		ition- related charges
Three months ended December 31, 2018		
Costs of revenues	\$	967
Selling, general and administrative		3,314
Total in three months ended December 31, 2018	\$	4,281
Three months ended September 30, 2018		_
Costs of revenues	\$	890
Selling, general and administrative		4,661
Total in three months ended September 30, 2018	\$	5,551
Three months ended December 31, 2017		_
Costs of revenues	\$	1,530
Selling, general and administrative		78
Total in three months ended December 31, 2017	\$	1,608

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 include amortization of intangible assets and inventory fair value adjustments, and transaction costs associated with acquisitions or pending acquisitions, including the pending acquisition of Orbotech. Management believes that the expense associated with the amortization of acquisition related intangible assets and acquisition related costs 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's newly acquired and long-held businesses. Management believes excluding these items helps investors compare our operating performances with our results in prior periods as well as with the performance of other companies.
- b. Merger-related charges associated with the terminated merger agreement between KLA and Lam Research Corporation ("Lam") primarily includes employee retention-related expenses, legal expenses and other costs. Management believes that it is appropriate to exclude these items as they are not indicative of ongoing operating results and therefore limit comparability and 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.
- d. Discrete tax item includes the income tax effects of an income tax expense from the enacted tax reform legislation through the Tax Cuts and Jobs-Act (the "Act"), which was signed into law on December 22, 2017, of which the impact is primarily related to the provisional tax amounts recorded for the transition tax on accumulated foreign earnings and the re-measurement of certain deferred tax assets and liabilities as a result of the enactment of the Act. 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.