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

September 5, 2013

Date of Report (date of earliest event reported)

AMBARELLA, INC.

(Exact name of Registrant as specified in its charter)

Cayman Islands (State or other jurisdiction of incorporation) 001-35667 (Commission File Number) 98-0459628 (I. R. S. Employer Identification No.)

3101 Jay Street Santa Clara, CA 95054 (Address of principal executive offices)

Registrant's telephone number, including area code: (408) 734-8888

 $\label{eq:NA} N/A$ (Former name or former address, if changed since last report)

k the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following sions (see General Instruction A.2. below):
Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Item 2.02 Results of Operations and Financial Condition

On September 5, 2013, Ambarella, Inc. issued a press release announcing its results for the second fiscal quarter ended July 31, 2013. A copy of the press release is attached as Exhibit 99.1 to this current report on Form 8-K and is incorporated by reference herein.

The information in this current report on Form 8-K and the exhibits 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 of that section, nor shall they 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

99.1 Press Release dated September 5, 2013

Signature

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.

Dated: September 5, 2013

Ambarella, Inc.

/s/ George Laplante

George Laplante Chief Financial Officer

Exhibit Index

Exhibit Number

Number Exhibit Title

99.1 Press Release dated September 5, 2013

Ambarella, Inc. Announces Second Quarter Fiscal 2014 Results

Revenue up 35% Year over Year

Contact:

Deborah Stapleton 650.470.4200 deb@stapleton.com

September 5, 2013 -Santa Clara, CA – Ambarella, Inc. (NASDAQ: AMBA), a leading developer of low-power, HD video compression and image processing semiconductors, today announced financial results for its fiscal second quarter ended July 31, 2013.

Revenue for the second quarter of fiscal 2014 was \$37.7 million, up 35% from \$28.0 million in the same period in fiscal 2013. For the six months ended July 31, 2013, revenue was \$71.7 million, up 33% from \$53.9 million for the six months ended July 31, 2012.

Gross margin under U.S. generally accepted accounting principles (GAAP) for the second quarter of fiscal 2014 was 61.8%, compared with 69.1% for the same period in fiscal 2013. For the six months ended July 31, 2013, GAAP gross margin was 62.8%, compared with 70.0% for the six months ended July 31, 2012.

GAAP net income for the second quarter of fiscal 2014 was \$6.3 million, or \$0.21 per diluted ordinary share, compared with GAAP net income of \$5.2 million, or \$0.19 per diluted ordinary share, for the same period in fiscal 2013. GAAP net income for the six months ended July 31, 2013 was \$11.0 million, or \$0.37 per diluted ordinary share. This compares with GAAP net income of \$7.8 million, or \$0.26 per diluted ordinary share, for the six months ended July 31, 2012.

Gross margin on a non-GAAP basis for the second quarter of fiscal 2014 was 61.9%, compared with 69.2% for the same period in fiscal 2013. For the six months ended July 31, 2013, non-GAAP gross margin was 62.9%, compared with 70.1% for the six months ended July 31, 2012.

Non-GAAP net income for the second quarter of fiscal 2014 was \$7.7 million, or \$0.26 per diluted ordinary share. This compares with non-GAAP net income of \$6.2 million, or \$0.23 per diluted ordinary share for the same period in fiscal 2013. Non-GAAP net income for the six months ended July 31, 2013 was \$13.9 million, or \$0.47 per diluted ordinary share. This compares with non-GAAP net income of \$9.6 million for the six months ended July 31, 2012, or \$0.34 per diluted ordinary share.

Ambarella reports gross margin, net income and earnings per share in accordance with GAAP and, additionally, on a non-GAAP basis. Non-GAAP financial information excludes stock-based compensation expense and the associated tax impact. A reconciliation of the GAAP to non-GAAP gross margin, net income and earnings per share numbers, as well as a description of the items excluded from the non-GAAP calculations, is included in the financial statements portion of this press release.

Cash and cash equivalents at the end of the second fiscal quarter of 2014 were \$118.3 million, compared with \$104.3 million at the end of the immediately preceding quarter and \$65.2 million at the end of the same quarter a year ago.

"We continue to be very pleased with our progress, with second quarter revenue of \$37.7 million, up 35% over the \$28 million we reported in the same period a year ago," said Fermi Wang, President and CEO of Ambarella. "We continue to enjoy solid success in professional and consumer IP security markets, where we are delivering cost effective, feature rich solutions for technically demanding products. In addition to our security market success, our wearable sports and automotive camera markets continue to grow, contributing to our strong year-over-year growth."

Quarterly Conference Call

Ambarella plans to hold a conference call at 5 p.m. Eastern Time / 2 p.m. Pacific Time today with Fermi Wang, Chief Executive Officer, and George Laplante, Chief Financial Officer, to discuss second quarter fiscal 2014 results. The call can be accessed by dialing 877-304-8963 in the USA; international callers should dial 760-666-4834, participant passcode: 33440884. Please dial in ten minutes prior to the scheduled conference call time. A live and archived webcast of the call will be available on Ambarella's website at http://www.ambarella.com/ for up to 30 days after the call.

About Ambarella

Ambarella, Inc. (NASDAQ: AMBA), is a leading developer of low-power, high-definition (HD) video compression and image processing solutions. The company's products are used in a variety of HD cameras including security IP-cameras, wearable sports cameras, and automotive video camera recorders. Ambarella technology is also used in television broadcasting with TV programs being transmitted worldwide using Ambarella compression chips. For more information about Ambarella, please visit www.ambarella.com.

"Safe harbor" statement under the Private Securities Litigation Reform Act of 1995

This press release contains forward-looking statements that are not historical facts and often can be identified by terms such as "outlook," "projected," "intends," "will," "estimates," "anticipates," "expects," "believes," "could," or similar expressions, including the comments of our CEO relating to expansion of our target markets and the ability of our technology and product features to gain market acceptance and design wins. The achievement or success of the matters covered by such forward-looking statements involves risks, uncertainties and assumptions. Our actual results could differ materially from those predicted or implied, and reported results should not be considered as an indication of our future performance.

The success of our business is subject to risks and uncertainties that include, but are not limited to, risks associated with revenue being generated from new customers or design wins, neither of which is

assured; our growth strategy; our ability to anticipate future market demands and future needs of our customers; our plans for future products; our ability to retain and expand customer relationships and to achieve design wins; our ability to successfully enter new markets; anticipated trends and challenges, including competition, in the markets in which we operate; our ability to effectively manage growth; our ability to retain key employees; and the potential for intellectual property disputes or other litigation.

Further information on these and other factors that could affect our financial results is included in the company's Annual Report on Form 10-K, which is on file with the Securities and Exchange Commission. Additional information will also be set forth in the company's quarterly reports on Form 10-Q, future annual reports on Form 10-K and other filings the company makes with the Securities and Exchange Commission from time to time, copies of which may be obtained by visiting the Investor Relations portion of our web site at www.ambarella.com or the SEC's web site at www.sec.gov. Undue reliance should not be placed on the forward-looking statements in this release, which are based on information available to us on the date hereof. The results we report in our Quarterly Report on Form 10-Q for the fiscal quarter ended July 31, 2013 could differ from the preliminary results announced in this press release.

Ambarella assumes no obligation and does not intend to update the information contained in this press release, except as required by law.

Non-GAAP Financial Measures

The company has provided in this release non-GAAP financial information including non-GAAP gross margin, net income, and earnings per share, as a supplement to the condensed consolidated financial statements, which are prepared in accordance with generally accepted accounting principles ("GAAP"). Management uses these non-GAAP financial measures internally in analyzing the company's financial results to assess operational performance and liquidity. The company believes that both management and investors benefit from referring to these non-GAAP financial measures in assessing its performance and when planning, forecasting and analyzing future periods. Further, the company believes these non-GAAP financial measures are useful to investors because they allow for greater transparency with respect to key financial metrics that the company uses in making operating decisions and because the company believes that investors and analysts use them to help assess the health of its business and for comparison to other companies. Non-GAAP results are presented for supplemental informational purposes only for understanding the company's operating results. The non-GAAP information should not be considered a substitute for financial information presented in accordance with GAAP, and may be different from non-GAAP measures used by other companies.

The company has provided below reconciliations between its non-GAAP financial measures to its most directly comparable GAAP financial measures.

AMBARELLA, INC. CONDENSED CONSOLIDATED STATEMENTS OF OPERATIONS

(in thousands, except share and per share data) (unaudited)

	<u>T</u>	hree Months l			Six Months Ended July 31,					
		2013		2012		2013		2012		
Revenue	\$	37,710	\$	27,958	\$	71,651	\$	53,879		
Cost of revenue		14,419		8,626		26,667		16,142		
Gross profit		23,291		19,332		44,984		37,737		
Operating expenses:					· <u> </u>					
Research and development		10,974		9,356		22,291		20,829		
Selling, general and administrative		5,385		4,184		10,542		8,209		
Total operating expenses		16,359		13,540		32,833		29,038		
Income from operations		6,932		5,792		12,151		8,699		
Other income (loss), net		(11)		4		(16)		2		
Income before income taxes		6,921		5,796		12,135		8,701		
Provision for income taxes		667		570		1,140		873		
Net income	\$	6,254	\$	5,226	\$	10,995	\$	7,828		
Net income per share attributable to ordinary shareholders:										
Basic	\$	0.23	\$	0.20	\$	0.40	\$	0.28		
Diluted	\$	0.21	\$	0.19	\$	0.37	\$	0.26		
Weighted-average shares used to compute net income per share attributable to ordinary shareholders:			_							
Basic	_27	,409,343	7,604,443		_27	7,232,142	_7	,557,345		
Diluted	29	,848,676	9,	114,927	29	9,456,374	9	,068,762		

The following table presents details of stock-based compensation expense included in each functional line item in the consolidated statements of operations above:

	Th	Three Months Ended July 31,			Six Months Ended July			July 31,	
		2013		2012		2013		2012	
		(unaudited, in thousands)							
Stock-based compensation:									
Cost of revenue	\$	34	\$	15	\$	68	\$	29	
Research and development		900		542		1,874		1,074	
Selling, general and administrative		659		456		1,257		853	
Total stock-based compensation	\$	1,593	\$	1,013	\$	3,199	\$	1,956	

AMBARELLA, INC.

RECONCILIATION OF GAAP TO NON-GAAP DILUTED EARNINGS PER SHARE (in thousands, except share and per share data)

		Three Months Ended July 31,				Six Months E			
		2013		2012	2013			2012	
GAAP net income	\$	6,254	\$	5,226	idited) \$	10,995	\$	7,828	
Two-class method - allocation to participating securities		(8)		(3,704)		(17)		(5,745)	
Treasury stock method - additional allocation to ordinary shares		1		179		1		248	
GAAP net income - diluted	\$	6,247	\$	1,701	\$	10,979	\$	2,331	
Non-GAAP adjustments:									
Stock-based compensation expense, net of tax effect		1,449		924		2,911		1,778	
Two-class method - additional allocation to participating securities		(2)		(589)		(4)		(1,137)	
Treasury stock method - additional allocation to ordinary shares				40				77	
Non-GAAP net income - diluted	\$	7,694	\$	2,076	\$	13,886	\$	3,049	
GAAP - diluted weighted average shares	29	,848,676	9,	114,927	29	,456,374	9,	068,762	
Non-GAAP - diluted weighted average shares	29	,848,676	9,	114,927	29	,456,374	9,	068,762	
GAAP - diluted net income per share	\$	0.21	\$	0.19	\$	0.37	\$	0.26	
Non-GAAP adjustments:									
Stock-based compensation expense, net of tax effect		0.05		0.10		0.10		0.20	
Non-GAAP adjustment to two-class method diluted net income		_		(0.06)		—		(0.13)	
Non-GAAP adjustment to treasury stock method diluted net income				_				0.01	
Non-GAAP - diluted net income per share	\$	0.26	\$	0.23	\$	0.47	\$	0.34	

The difference between GAAP and non-GAAP gross margin was 0.1% for each period. The difference was due to the effect of stock-based compensation, as disclosed in the table above, and the associated tax impact recorded for GAAP purposes.

AMBARELLA, INC. CONDENSED CONSOLIDATED BALANCE SHEETS (in thousands)

	July 31, <u>2013</u> (unaudited)	January 31, 2013
ASSETS		
Current assets:		
Cash	\$ 118,310	\$ 100,494
Accounts receivable, net	21,881	20,153
Inventories	9,913	8,918
Restricted cash	3	3
Deferred tax assets, current	1,219	1,220
Prepaid expenses and other current assets	1,478	2,360
Total current assets	152,804	133,148
Property and equipment, net	3,219	2,536
Deferred tax assets, non-current	1,135	938
Other assets	1,995	1,981
Total assets	\$ 159,153	\$ 138,603
LIABILITIES AND SHAREHOLDERS' EQUITY		
Current liabilities:		
Accounts payable	11,440	7,051
Accrued liabilities	12,177	14,042
Income taxes payable	381	286
Deferred revenue, current	4,891	3,451
Total current liabilities	28,889	24,830
Other long-term liabilities	1,461	1,441
Total liabilities	30,350	26,271
Preference shares	_	_
Shareholders' equity:		
Ordinary shares	12	12
Additional paid-in capital	97,387	91,911
Retained earnings	31,404	20,409
Total shareholders' equity	128,803	112,332
Total liabilities and shareholders' equity	\$ 159,153	\$ 138,603