

**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549  
FORM 10-Q**

**Quarterly Report Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934**

For the Quarterly Period Ended July 1, 2012

**Transition Report Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934**

For the transition period from            to

Commission File Number 001-35406

**Illumina, Inc.**

(Exact name of registrant as specified in its charter)

**Delaware**

(State or other jurisdiction of  
incorporation or organization)

**33-0804655**

(I.R.S. Employer  
Identification No.)

**5200 Illumina Way,  
San Diego, CA**

(Address of principal executive offices)

**92122**

(Zip Code)

**(858) 202-4500**

(Registrant's telephone number, including area code)

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days. Yes  No

Indicate by check mark whether the registrant has submitted electronically and posted on its corporate Web site, if any, every Interactive Data File required to be submitted and posted pursuant to Rule 405 of Regulation S-T during the preceding 12 months (or for such shorter period that the registrant was required to submit and post such files). Yes  No

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, or a smaller reporting company. See the definitions of "large accelerated filer," "accelerated filer" and "smaller reporting company" in Rule 12b-2 of the Exchange Act.:

Large accelerated filer  Accelerated filer

Non-accelerated filer  (Do not check if a smaller reporting company) Smaller reporting company

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act). Yes  No

As of July 13, 2012, there were 122,989,910 shares of the registrant's Common Stock outstanding.

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ILLUMINA, INC.

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## PART I. FINANCIAL INFORMATION

## Item 1. Financial Statements.

**ILLUMINA, INC.**  
**CONDENSED CONSOLIDATED BALANCE SHEETS**  
(In thousands)

	July 1, 2012	January 1, 2012
	(Unaudited)	
<b>ASSETS</b>		
Current assets:		
Cash and cash equivalents	\$ 316,412	\$ 302,978
Short-term investments	985,274	886,590
Accounts receivable, net	188,562	173,886
Inventory, net	133,844	128,781
Deferred tax assets, current portion	23,914	23,188
Prepaid expenses and other current assets	16,366	29,196
Total current assets	1,664,372	1,544,619
Property and equipment, net	147,917	143,483
Goodwill	321,853	321,853
Intangible assets, net	89,007	106,475
Deferred tax assets, long-term portion	48,859	19,675
Other assets	76,730	59,735
Total assets	\$ 2,348,738	\$ 2,195,840
<b>LIABILITIES AND STOCKHOLDERS' EQUITY</b>		
Current liabilities:		
Accounts payable	\$ 56,668	\$ 49,806
Accrued liabilities	206,813	177,115
Long-term debt, current portion	35,660	—
Total current liabilities	299,141	226,921
Long-term debt	789,008	807,369
Other long-term liabilities	75,341	80,613
Conversion option subject to cash settlement	4,465	5,722
Stockholders' equity:		
Preferred stock	—	—
Common stock	1,685	1,668
Additional paid-in capital	2,339,049	2,249,900
Accumulated other comprehensive income	2,203	2,117
Accumulated deficit	(19,108)	(68,707)
Treasury stock, at cost	(1,143,046)	(1,109,763)
Total stockholders' equity	1,180,783	1,075,215
Total liabilities and stockholders' equity	\$ 2,348,738	\$ 2,195,840

*See accompanying notes to the condensed consolidated financial statements.*

**ILLUMINA, INC.**  
**CONDENSED CONSOLIDATED STATEMENTS OF INCOME**  
(Unaudited)  
(In thousands, except per share amounts)

	Three Months Ended		Six Months Ended	
	July 1, 2012	July 3, 2011	July 1, 2012	July 3, 2011
<b>Revenue:</b>				
Product revenue	\$ 258,839	\$ 269,871	\$ 514,475	\$ 536,588
Service and other revenue	21,768	17,579	38,902	33,377
Total revenue	<u>280,607</u>	<u>287,450</u>	<u>553,377</u>	<u>569,965</u>
<b>Cost of revenue:</b>				
Cost of product revenue	74,911	84,518	155,062	169,955
Cost of service and other revenue	9,656	6,541	18,221	12,593
Amortization of acquired intangible assets	3,043	3,035	6,086	6,020
Total cost of revenue	<u>87,610</u>	<u>94,094</u>	<u>179,369</u>	<u>188,568</u>
Gross profit	<u>192,997</u>	<u>193,356</u>	<u>374,008</u>	<u>381,397</u>
<b>Operating expense:</b>				
Research and development	71,223	50,801	120,062	101,001
Selling, general and administrative	68,516	69,233	136,485	134,894
Unsolicited tender offer related expense	6,694	—	14,786	—
Restructuring charges	674	—	3,296	—
Headquarter relocation expense	1,830	2,542	3,970	5,064
Acquisition related expense, net	1,080	4,770	2,817	5,040
Total operating expense	<u>150,017</u>	<u>127,346</u>	<u>281,416</u>	<u>245,999</u>
Income from operations	<u>42,980</u>	<u>66,010</u>	<u>92,592</u>	<u>135,398</u>
<b>Other income (expense):</b>				
Interest income	1,385	1,981	3,911	3,521
Interest expense	(9,508)	(9,418)	(18,710)	(16,809)
Other expense, net	(70)	(9,549)	(2,733)	(37,078)
Total other expense, net	<u>(8,193)</u>	<u>(16,986)</u>	<u>(17,532)</u>	<u>(50,366)</u>
Income before income taxes	<u>34,787</u>	<u>49,024</u>	<u>75,060</u>	<u>85,032</u>
Provision for income taxes	<u>11,386</u>	<u>18,404</u>	<u>25,457</u>	<u>30,275</u>
Net income	<u>\$ 23,401</u>	<u>\$ 30,620</u>	<u>\$ 49,603</u>	<u>\$ 54,757</u>
Net income per basic share	<u>\$ 0.19</u>	<u>\$ 0.25</u>	<u>\$ 0.40</u>	<u>\$ 0.44</u>
Net income per diluted share	<u>\$ 0.18</u>	<u>\$ 0.22</u>	<u>\$ 0.37</u>	<u>\$ 0.37</u>
Shares used in calculating basic net income per share	<u>123,214</u>	<u>123,456</u>	<u>122,928</u>	<u>124,987</u>
Shares used in calculating diluted net income per share	<u>133,011</u>	<u>141,765</u>	<u>133,435</u>	<u>147,447</u>

*See accompanying notes to the condensed consolidated financial statements.*

**ILLUMINA, INC.**  
**CONDENSED CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME**  
**(Unaudited)**  
**(In thousands)**

	Three Months Ended		Six Months Ended	
	July 1, 2012	July 3, 2011	July 1, 2012	July 3, 2011
Net income	\$ 23,401	\$ 30,620	\$ 49,603	\$ 54,757
Unrealized (loss) gain on available-for-sale securities, net of deferred tax	(59)	1,227	86	582
Total comprehensive income	\$ 23,342	\$ 31,847	\$ 49,689	\$ 55,339

*See accompanying notes to the condensed consolidated financial statements.*

**ILLUMINA, INC.**  
**CONDENSED CONSOLIDATED STATEMENTS OF CASH FLOWS**  
(Unaudited)  
(In thousands)

	Six Months Ended	
	July 1, 2012	July 3, 2011
<b>Cash flows from operating activities:</b>		
Net income	\$ 49,603	\$ 54,757
Adjustments to reconcile net income to net cash provided by operating activities:		
Depreciation expense	23,477	25,989
Amortization of acquired intangible assets	6,390	6,313
Share-based compensation expense	47,076	45,705
Accretion of debt discount	17,298	15,185
Loss on extinguishment of debt	—	36,856
Contingent compensation expense	2,965	2,573
Incremental tax benefit related to stock options exercised	(11,205)	(33,320)
Deferred income taxes	(27,752)	4,121
Change in fair value of contingent consideration	2,817	(378)
Impairment of in-process research and development	21,438	—
Other non-cash adjustments	5,592	4,837
Changes in operating assets and liabilities:		
Accounts receivable	(13,213)	(20,751)
Inventory	(4,810)	4,524
Prepaid expenses and other current assets	1,851	(6,539)
Other assets	(1,987)	(3,632)
Accounts payable	13,034	(9,969)
Accrued liabilities	26,295	33,509
Other long-term liabilities	4,600	1,248
Unrealized gain on foreign exchange	(1,700)	(1,230)
Net cash provided by operating activities	<u>161,769</u>	<u>159,798</u>
<b>Cash flows from investing activities:</b>		
Purchases of available-for-sale securities	(562,241)	(806,985)
Sales of available-for-sale securities	359,637	393,325
Maturities of available-for-sale securities	100,146	83,135
Net cash paid for acquisitions	—	(58,302)
Purchases of strategic investments	(15,030)	(6,708)
Purchases of property and equipment	(34,030)	(28,503)
Cash paid for intangible assets	—	(1,102)
Net cash used in investing activities	<u>(151,518)</u>	<u>(425,140)</u>
<b>Cash flows from financing activities:</b>		
Payments on current portion of long-term debt	—	(340,909)
Cash paid in business combination milestones	(3,374)	—
Proceeds from issuance of convertible notes	—	903,492
Incremental tax benefit related to stock options exercised	11,205	33,320
Common stock repurchases	(32,499)	(366,326)
Proceeds from exercises of warrants	—	5,512
Proceeds from issuance of common stock	28,020	41,909
Net cash provided by financing activities	<u>3,352</u>	<u>276,998</u>
Effect of exchange rate changes on cash and cash equivalents	(169)	481
Net increase in cash and cash equivalents	13,434	12,137
Cash and cash equivalents at beginning of period	302,978	248,947
Cash and cash equivalents at end of period	<u>\$ 316,412</u>	<u>\$ 261,084</u>

*See accompanying notes to the condensed consolidated financial statements.*

**Illumina, Inc.**  
**Notes to Consolidated Financial Statements**  
**(Unaudited)**

*Unless the context requires otherwise, references in this report to "Illumina," "we," "us," the "Company," and "our" refer to Illumina, Inc. and its consolidated subsidiaries.*

**1. Summary of Significant Accounting Policies**

***Basis of Presentation***

The accompanying unaudited condensed consolidated financial statements have been prepared in accordance with U.S. generally accepted accounting principles (GAAP) for interim financial information and the instructions to Form 10-Q and Article 10 of Regulation S-X. Accordingly, they do not include all of the information and footnotes required by GAAP for complete financial statements. The unaudited condensed consolidated financial statements include the accounts of the Company and its wholly-owned subsidiaries. All intercompany transactions and balances have been eliminated in consolidation. In management's opinion, the accompanying financial statements reflect all adjustments, consisting of normal recurring adjustments, considered necessary for a fair presentation of the results for the interim periods presented.

Interim financial results are not necessarily indicative of results anticipated for the full year. These unaudited financial statements should be read in conjunction with the Company's audited financial statements and footnotes included in the Company's Annual Report on Form 10-K for the fiscal year ended January 1, 2012, from which the balance sheet information herein was derived.

The preparation of financial statements requires management to make estimates and assumptions that affect the reported amounts of assets, liabilities, revenue, and expenses, and related disclosure of contingent assets and liabilities. Actual results could differ from those estimates.

***Fiscal Year***

The Company's fiscal year consists of 52 or 53 weeks ending the Sunday closest to December 31, with quarters of 13 or 14 weeks ending the Sunday closest to March 31, June 30, September 30, and December 31. The three and six months ended July 1, 2012 and July 3, 2011 were both 13 and 26 weeks, respectively.

***Reclassifications***

Certain prior period amounts have been reclassified to conform to the current period presentation.

***Revenue Recognition***

The Company's revenue is generated primarily from the sale of products and services. Product revenue primarily consists of sales of instrumentation and consumables used in genetic analysis. Service and other revenue primarily consists of revenue received for performing genotyping and sequencing services, instrument service contract sales, and amounts earned under research agreements with government grants, which are recognized in the period during which the related costs are incurred.

The Company recognizes revenue when persuasive evidence of an arrangement exists, delivery has occurred or services have been rendered, the seller's price to the buyer is fixed or determinable, and collectibility is reasonably assured. In instances where final acceptance of the product or system is required, revenue is deferred until all the acceptance criteria have been met. All revenue is recorded net of any discounts.

Revenue from product sales is recognized generally upon transfer of title to the customer, provided that no significant obligations remain and collection of the receivable is reasonably assured. Revenue from instrument service contracts is recognized as the services are rendered, typically evenly over the contract term, and revenue from genotyping and sequencing services is recognized when earned, which is generally at the time the genotyping or sequencing analysis data is made available to the customer or agreed upon milestones are reached. Revenue from research agreements with government grants is recognized in the period during which the related costs are incurred.

In order to assess whether the price is fixed or determinable, the Company evaluates whether refund rights exist. If there are refund rights or payment terms based on future performance, the Company defers revenue recognition until the price becomes fixed or determinable. The Company assesses collectibility based on a number of factors, including past transaction history with the customer and the creditworthiness of the customer. If the Company determines that collection of a payment is not reasonably assured, revenue recognition is deferred until receipt of payment.

The Company regularly enters into contracts where revenue is derived from multiple deliverables including any mix of products or services. These products or services are generally delivered within a short time frame, approximately three to six months, after the contract execution date. Revenue recognition for contracts with multiple deliverables is based on the individual units of accounting determined to exist in the contract. A delivered item is considered a separate unit of accounting when the delivered item has value to the customer on a stand-alone basis. Items are considered to have stand-alone value when they are sold separately by any vendor or when the customer could resell the item on a stand-alone basis. Consideration is allocated at the inception of the contract to all deliverables based on their relative selling price. The relative selling price for each deliverable is determined using vendor specific objective evidence (VSOE) of selling price or third-party evidence of selling price if VSOE does not exist. If neither VSOE nor third-party evidence exists, the Company uses its best estimate of the selling price for the deliverable.

In order to establish VSOE of selling price, the Company must regularly sell the product or service on a standalone basis with a substantial majority priced within a relatively narrow range. VSOE of selling price is usually the midpoint of that range. If there are not a sufficient number of standalone sales and VSOE of selling price cannot be determined, then the Company considers whether third party evidence can be used to establish selling price. Due to the lack of similar products and services sold by other companies within the industry, the Company has rarely established selling price using third-party evidence. If neither VSOE nor third party evidence of selling price exists, the Company determines its best estimate of selling price using average selling prices over a rolling 12-month period coupled with an assessment of current market conditions. If the product or service has no history of sales or if the sales volume is not sufficient, the Company relies upon prices set by the Company's pricing committee adjusted for applicable discounts. The Company recognizes revenue for delivered elements only when it determines there are no uncertainties regarding customer acceptance.

During the fiscal year ended January 1, 2012, the Company completed its Genome Analyzer trade-in program that enabled certain Genome Analyzer customers to trade in their Genome Analyzer and receive a discount on the purchase of a HiSeq 2000. The incentive was limited to customers who had purchased a Genome Analyzer prior to the beginning of the incentive program in early 2010 and was the only significant trade-in program offered by the Company to date. The Company accounted for HiSeq 2000 discounts related to the Genome Analyzer trade-in program as reductions to revenue upon recognition of the HiSeq 2000 sales revenue, which is later than the date the trade-in program was launched.

In certain markets within Europe, the Asia-Pacific region, Latin America, the Middle East, and South Africa, the Company sells products and provides services to customers through distributors that specialize in life science products. In most sales through distributors, the product is delivered directly to customers. In cases where the product is delivered to a distributor, revenue recognition is deferred until acceptance is received from the distributor, and/or the end-user, if required by the applicable sales contract. The terms of sales transactions through distributors are consistent with the terms of direct sales to customers. These transactions are accounted for in accordance with the Company's revenue recognition policy described herein.

### ***Fair Value Measurements***

The Company determines the fair value of its assets and liabilities based on the exchange price that would be received for an asset or paid to transfer a liability (an exit price) in the principal or most advantageous market for the asset or liability in an orderly transaction between market participants on the measurement date. Valuation techniques used to measure fair value maximize the use of observable inputs and minimize the use of unobservable inputs. The Company uses a fair value hierarchy with three levels of inputs, of which the first two are considered observable and the last unobservable, to measure fair value:

- *Level 1* — Quoted prices in active markets for identical assets or liabilities.
- *Level 2* — Inputs, other than Level 1, that are observable, either directly or indirectly, such as quoted prices for similar assets or liabilities; quoted prices in markets that are not active; or other inputs that are observable or can be corroborated by observable market data for substantially the full term of the assets or liabilities.
- *Level 3* — Unobservable inputs that are supported by little or no market activity and that are significant to the fair value of the assets or liabilities.

The carrying amounts of financial instruments such as cash and cash equivalents, accounts receivable, prepaid expenses



and other current assets, accounts payable, and accrued liabilities, excluding acquisition related contingent consideration liabilities, approximate the related fair values due to the short-term maturities of these instruments.

### ***Goodwill, Intangible Assets, and Other Long-Lived Assets***

Goodwill represents the excess of cost over fair value of net assets acquired. The Company's identifiable intangible assets are comprised primarily of in-process research and development ("IPR&D"), licensed technology, acquired core technologies, customer relationships, trade names, and license agreements.

The cost of all definite-lived intangible assets is amortized on a straight-line basis over the assets' estimated useful lives. The Company regularly performs reviews to determine if the carrying values of its long-lived assets are impaired. A review of intangible assets that have finite useful lives and other long-lived assets is performed when an event occurs indicating the potential for impairment. If indicators of impairment exist, the Company assesses the recoverability of the affected long-lived assets by determining whether the carrying amount of such assets exceeds the undiscounted expected future cash flows associated with such assets. If impairment is indicated, the Company compares the carrying amount to the estimated fair value of the affected assets and adjusts the value of such assets accordingly. Factors that would indicate potential impairment include a significant decline in the Company's stock price and market capitalization compared to its net book value, significant changes in the ability of a particular asset to generate positive cash flows, and significant changes in the Company's strategic business objectives and utilization of a particular asset. The Company performed quarterly reviews of its definite-lived assets and noted no indications of impairment for the three and six months ended July 1, 2012.

Goodwill and IPR&D, which have indefinite useful lives, are reviewed for impairment at least annually during the second fiscal quarter, or more frequently if an event occurs indicating the potential for impairment. The first step of the goodwill impairment test involves comparing the estimated fair value of the reporting unit with its carrying value, including goodwill. If the carrying amount of the reporting unit exceeds its fair value, the Company performs the second step of the goodwill impairment test to determine the amount of loss, which involves comparing the implied fair value of the goodwill to the carrying value of the goodwill. The Company performed its annual assessment for goodwill impairment in the second fiscal quarter of 2012, noting no impairment. In its impairment test, the Company concluded that it has a single reporting unit and that its fair value exceeded its book value, using market capitalization as a reference for the Company's fair value. Therefore, the first step recoverability test was passed and the second step analysis was not required.

The IPR&D impairment test requires the Company to assess the fair value of the asset as compared to its carrying value, and if the carrying value exceeds the fair value, record an impairment charge. The Company performed its annual impairment test of its IPR&D in the second fiscal quarter of 2012 and recorded \$21.4 million in impairment charges during the three and six months ended July 1, 2012 within research and development expenses in the condensed consolidated statements of income. Resources previously assigned to the research project were re-directed with no plans for additional investments to be made to the project in the foreseeable future.

### ***Derivatives***

The Company is exposed to foreign exchange rate risks in the normal course of business. To manage a portion of the accounting exposure resulting from changes in foreign currency exchange rates, the Company enters into foreign exchange contracts to hedge monetary assets and liabilities that are denominated in currencies other than the U.S. dollar. These foreign exchange contracts are carried at fair value and are not designated as hedging instruments. Changes in the value of the derivative are recognized in other expense, net, in the consolidated statements of income for the current period, along with an offsetting remeasurement gain or loss on the underlying foreign currency denominated assets or liabilities.

As of July 1, 2012, the Company had foreign exchange forward contracts in place to hedge exposures in the euro, Japanese yen, and Australian dollar. As of July 1, 2012, the total notional amount of outstanding forward contracts in place for foreign currency purchases was approximately \$36.2 million. Gains and losses related to the non-designated foreign exchange forward contracts for the three and six months ended July 1, 2012 were immaterial.

### ***Leases***

Leases are reviewed and classified as capital or operating at their inception. For leases that contain rent escalations, the Company records rent expense on a straight-line basis over the lease term, which includes the construction build-out period and lease extension periods, if appropriate. The difference between rent payments and straight-line rent expense is recorded as deferred rent in accrued and other long-term liabilities. Landlord allowances are amortized on a straight-line basis over the lease term as a reduction to rent expense. The Company capitalizes leasehold improvements and amortizes them over the

shorter of the lease term or their expected useful lives.

During 2011, the Company substantially completed the relocation of its headquarters to another facility in San Diego, California. In relation to this move, the Company recorded and continues to record headquarter relocation expenses consisting primarily of moving expenses, accelerated depreciation expense, cease-use loss, and additional rent expense during the transition period when both the new and former headquarters facilities are occupied. Accelerated depreciation expense is recorded for leasehold improvements based on the reassessed useful lives of less than a year. Cease-use loss and a corresponding facility exit obligation for vacating certain buildings of the Company's former facilities are calculated as the present value of the remaining lease obligation offset by estimated sublease rental receipts during the remaining lease period, adjusted for deferred items, estimated lease incentives, and the risk-adjusted discount rate.

### ***Restructuring Charges***

In late 2011, the Company announced and executed a restructuring plan to reduce the Company's workforce and to consolidate certain facilities. The Company measured and accrued the liabilities associated with employee separation costs at fair value as of the date the plan was announced and terminations were communicated to employees, which primarily included severance pay and other separation costs such as outplacement services and benefits. If a terminated employee was retained for a period of time beyond the announcement date, any retention related costs are accrued over the retention period. The Company measures and accrues the facilities exit costs at fair value upon its exit. Facilities exit costs primarily consist of cease-use losses to be recorded upon vacating the facilities, asset impairment, and accelerated depreciation expenses.

The fair value measurement of restructuring related liabilities requires certain assumptions and estimates to be made by the Company, such as the retention period of certain employees, the timing and amount of sublease income on properties to be vacated, and the operating costs to be paid until lease termination. It is the Company's policy to use the best estimates based on facts and circumstances available at the time of measurement, review the assumptions and estimates periodically, and adjust the liabilities when necessary.

### ***Net Income per Share***

Basic net income per share is computed by dividing net income by the weighted average number of common shares outstanding during the reporting period. Diluted net income per share is computed by dividing net income by the weighted average number of common shares outstanding during the reporting period increased to include dilutive potential common shares calculated using the treasury stock method. Diluted net income per share reflects the potential dilution from outstanding stock options, restricted stock units, performance stock units, employee stock purchase plan (ESPP) obligations, warrants, shares subject to forfeiture, and convertible senior notes. Under the treasury stock method, convertible senior notes will have a dilutive impact when the average market price of the Company's common stock is above the applicable conversion price of the respective notes. In addition, the following amounts are assumed to be used to repurchase shares: the amount that must be paid to exercise stock options and warrants and purchase shares under the ESPP; the amount of compensation expense for future services that the Company has not yet recognized for stock options, restricted stock units, performance stock units, ESPP shares, and shares subject to forfeiture; and the amount of tax benefits that will be recorded in additional paid-in capital when the expenses related to respective awards become deductible.

The following table presents the calculation of weighted average shares used to calculate basic and diluted net income per share (in thousands):

	Three Months Ended		Six Months Ended	
	July 1, 2012	July 3, 2011	July 1, 2012	July 3, 2011
Weighted average shares outstanding	123,214	123,456	122,928	124,987
Effect of dilutive potential common shares from:				
Convertible senior notes	131	2,408	958	6,681
Equity awards	3,527	5,607	3,858	5,698
Warrants sold in connection with convertible senior notes	6,139	10,294	5,691	10,081
Weighted average shares used in calculation of diluted net income per share	133,011	141,765	133,435	147,447
Potentially dilutive shares excluded from calculation due to anti-dilutive effect	3,348	1,194	2,943	1,012

## 2. Balance Sheet Account Details

### Short-Term Investments

The following is a summary of short-term investments (in thousands):

	July 1, 2012				January 1, 2012			
	Amortized Cost	Gross Unrealized Gains	Gross Unrealized Losses	Estimated Fair Value	Amortized Cost	Gross Unrealized Gains	Gross Unrealized Losses	Estimated Fair Value
Available-for-sale securities:								
Debt securities in government sponsored entities	\$ 328,204	\$ 210	\$ (69)	\$ 328,345	\$ 393,759	\$ 428	\$ (148)	\$ 394,039
Corporate debt securities	510,424	1,388	(331)	511,481	432,550	1,293	(461)	433,382
U.S. Treasury securities	145,182	280	(14)	145,448	58,955	214	—	59,169
Total available-for-sale securities	\$ 983,810	\$ 1,878	\$ (414)	\$ 985,274	\$ 885,264	\$ 1,935	\$ (609)	\$ 886,590

As of July 1, 2012, the Company had 112 available-for-sale securities in a gross unrealized loss position, all of which had been in such position for less than twelve months except for two securities with an aggregated fair value of \$7.8 million and an immaterial gross unrealized loss as of July 1, 2012. There were no impairments considered other-than-temporary as it is more likely than not the Company will hold the securities until maturity or until the cost basis is recovered.

The following table shows the fair values and the gross unrealized losses of the Company's available-for-sale securities that were in an unrealized loss position for less than twelve months as of July 1, 2012 and January 1, 2012 aggregated by investment category (in thousands):

	July 1, 2012		January 1, 2012	
	Fair Value	Gross Unrealized Losses	Fair Value	Gross Unrealized Losses
Debt securities in government sponsored entities	\$ 106,274	\$ (69)	\$ 133,904	\$ (148)
Corporate debt securities	157,965	(304)	138,326	(461)
U.S. Treasury securities	39,320	(14)	—	—
Total	\$ 303,559	\$ (387)	\$ 272,230	\$ (609)

Realized gains and losses are determined based on the specific identification method and are reported in interest income in the consolidated statements of income. Gross realized gains and losses on sales of available-for-sale securities for the three and six months ended July 1, 2012 and July 3, 2011 were immaterial.

Contractual maturities of available-for-sale debt securities as of July 1, 2012 were as follows (in thousands):

	Estimated Fair Value
Due within one year	\$ 351,208
After one but within five years	634,066
Total	\$ 985,274

### Cost-Method Investments

As of July 1, 2012 and January 1, 2012, the aggregate carrying amounts of the Company's cost-method investments in non-publicly traded companies were \$60.3 million and \$45.3 million, respectively, which were included in other assets in the consolidated balance sheets. The Company assesses all cost-method investments for impairment quarterly. No impairment loss

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was recorded during the three and six months ended July 1, 2012 or July 3, 2011. The Company does not reassess the fair value of cost-method investments if there are no identified events or changes in circumstances that may have a significant adverse effect on the fair value of the investments.

**Headquarters Facility Exit Obligation**

Changes in the Company's facility exit obligation related to its former headquarters lease during the six months ended July 1, 2012 are as follows (in thousands):

Balance as of January 1, 2012	\$	25,049
Accretion of interest expense		751
Cash settlements		(2,490)
Balance as of July 1, 2012	\$	23,310

**Inventory**

Inventory, net, consists of the following (in thousands):

	July 1, 2012	January 1, 2012
Raw materials	\$ 57,234	\$ 58,340
Work in process	60,699	53,412
Finished goods	15,911	17,029
Total inventory, net	\$ 133,844	\$ 128,781

**Accrued Liabilities**

Accrued liabilities consist of the following (in thousands):

	July 1, 2012	January 1, 2012
Deferred revenue, current portion	\$ 65,433	\$ 52,573
Accrued compensation expenses	49,614	52,035
Accrued taxes payable	25,449	19,339
Customer deposits	16,115	17,958
Accrued legal contingencies	13,500	—
Reserve for product warranties	11,415	11,966
Acquisition related contingent consideration liability, current portion	5,861	2,335
Facility exit obligation, current portion	4,471	4,408
Accrued royalties	2,898	5,682
Accrued unsolicited tender offer related expenses	1,673	—
Other accrued expenses	10,384	10,819
Total accrued liabilities	\$ 206,813	\$ 177,115

**3. Restructuring Activities**

In late 2011, the Company implemented a cost reduction initiative that included workforce reductions and the consolidation of certain facilities. In total, the Company notified approximately 200 employees of their involuntary termination.

Charges recorded during the six months ended July 1, 2012 primarily related to severance pay and other employee separation costs. A summary of the pre-tax charge and estimated total costs associated with the initiative is as follows (in thousands):

	Employee Separation			Total
	Costs	Facilities Exit Costs	Other Costs	
Amount recorded in accrued liabilities as of January 1, 2012	\$ 3,496	\$ —	\$ 30	\$ 3,526
Activities recorded during the six months ended July 1, 2012:				
Additional expenses	2,538	221	537	3,296
Cash paid	(5,479)	(120)	(575)	(6,174)
Amount recorded in accrued liabilities as of July 1, 2012	\$ 555	\$ 101	\$ (8)	\$ 648
Cumulative expense recorded since inception	\$ 10,221	\$ 221	\$ 990	\$ 11,432
Estimated total restructuring costs to be incurred	\$ 10,880	\$ 1,614	\$ 1,418	\$ 13,912

#### 4. Acquisitions

On January 10, 2011, the Company acquired Epicentre Technologies Corporation ("Epicentre"), a provider of nucleic acid sample preparation reagents and specialty enzymes used in sequencing and microarray applications. Total consideration for the acquisition was \$71.4 million, which included \$59.4 million in net cash payments made at closing, \$4.6 million in the fair value of contingent consideration settled in stock that is subject to forfeiture if certain non-revenue based milestones are not met, and \$7.4 million in the fair value of contingent cash consideration of up to \$15.0 million based on the achievement of certain revenue based milestones by January 10, 2013.

The Company estimated the fair value of contingent stock consideration based on the closing price of its common stock as of the acquisition date. Approximately 229,000 shares of common stock were issued to Epicentre shareholders in connection with the acquisition, which are subject to forfeiture if certain non-revenue-based milestones are not met. One third of these shares issued with an assessed fair value of \$4.6 million were determined to be part of the purchase price. The remaining shares with an assessed fair value of \$10.1 million were determined to be compensation for post-acquisition service, the cost of which will be recognized as contingent compensation expense over a period of two years in research and development expense or selling, general and administrative expense.

The Company estimated the fair value of contingent cash consideration using a probability weighted discounted cash flow approach, a Level 3 measurement based on unobservable inputs that are supported by little or no market activity and reflect the Company's own assumptions in measuring fair value. The Company used a discount rate of 21% in the assessment of the acquisition date fair value for the contingent cash consideration. Future changes in significant inputs such as the discount rate and estimated probabilities of milestone achievements could have a significant effect on the fair value of the contingent consideration.

The Company allocated \$0.9 million of the total consideration to tangible assets, net of liabilities, and \$26.9 million to identified intangible assets, including additional developed technologies of \$23.3 million, customer relationships of \$1.1 million, and a trade name of \$2.5 million, with weighted average useful lives of approximately 9, 3, and 10 years, respectively. The Company recorded the excess consideration of \$43.6 million as goodwill.

As of July 1, 2012, the Company's remaining gross milestone obligations related to prior year acquisitions other than Epicentre consisted of potential employment-related milestone payments of \$1.4 million. Employment-related contingent compensation expense is recorded in operating expense.

Adjustments related to contingent compensation recorded as a result of all prior acquisitions consist of the following (in thousands):

	Three Months Ended		Six Months Ended	
	July 1, 2012	July 3, 2011	July 1, 2012	July 3, 2011
Contingent compensation, included in research and development expense	\$ 732	\$ 1,855	\$ 1,464	\$ 3,292
Contingent compensation, included in selling, general and administrative expense	(516)	851	1,844	1,538
Total contingent compensation expense	\$ 216	\$ 2,706	\$ 3,308	\$ 4,830
IPR&D, included in acquisition related expense, net	\$ —	\$ 5,425	\$ —	\$ 5,425

## 5. Fair Value Measurements

The following table presents the Company's hierarchy for assets and liabilities measured at fair value on a recurring basis as of July 1, 2012 and January 1, 2012 (in thousands):

	July 1, 2012				January 1, 2012			
	Level 1	Level 2	Level 3	Total	Level 1	Level 2	Level 3	Total
<b>Assets:</b>								
Money market funds (cash equivalent)	\$ 213,895	\$ —	\$ —	\$ 213,895	\$ 166,898	\$ —	\$ —	\$ 166,898
Debt securities in government sponsored entities	—	328,345	—	328,345	—	394,039	—	394,039
Corporate debt securities	—	511,481	—	511,481	—	433,382	—	433,382
U.S. Treasury securities	145,448	—	—	145,448	59,169	—	—	59,169
Deferred compensation plan assets	—	12,817	—	12,817	—	10,800	—	10,800
Total assets measured at fair value	\$ 359,343	\$ 852,643	\$ —	\$ 1,211,986	\$ 226,067	\$ 838,221	\$ —	\$ 1,064,288
<b>Liabilities:</b>								
Acquisition related contingent consideration liability	\$ —	\$ —	\$ 5,861	\$ 5,861	\$ —	\$ —	\$ 6,638	\$ 6,638
Deferred compensation liability	—	11,244	—	11,244	—	8,970	—	8,970
Total liabilities measured at fair value	\$ —	\$ 11,244	\$ 5,861	\$ 17,105	\$ —	\$ 8,970	\$ 6,638	\$ 15,608

The Company holds available-for-sale securities that consist of highly liquid, investment grade debt securities. The Company determines the fair value of its debt security holdings based on pricing from a service provider. The service provider values the securities based on "consensus pricing," using market prices from a variety of industry-standard independent data providers. Such market prices may be quoted prices in active markets for identical assets (Level 1 inputs) or pricing determined using inputs other than quoted prices that are observable either directly or indirectly (Level 2 inputs), such as yield curve, volatility factors, credit spreads, default rates, loss severity, current market and contractual prices for the underlying instruments or debt, broker and dealer quotes, as well as other relevant economic measures. The Company's deferred compensation plan assets consist primarily of mutual funds. The Company performs certain procedures to corroborate the fair value of its holdings, including comparing prices obtained from service providers to prices obtained from other reliable sources.

The Company reassesses the fair value of contingent consideration to be settled in cash related to acquisitions on a quarterly basis using the income approach. This is a Level 3 measurement. Significant assumptions used in the measurement include probabilities of achieving the remaining milestones and the discount rates, which depend on the milestone risk profiles. Due to changes in the estimated probabilities to achieve the relevant milestones and a shorter discounting period, the fair value of the contingent consideration liabilities changed, resulting in a \$1.1 million and \$2.8 million expense recorded in acquisition related expense, net in the condensed consolidated statements of income during the three and six months ended July 1, 2012.

Changes in estimated fair value of contingent consideration liabilities from January 1, 2012 through July 1, 2012 are as follows (in thousands):

	<b>Contingent Consideration Liability (Level 3 Measurement)</b>
Balance as of January 1, 2012	\$ 6,638
Change in estimated fair value, recorded in acquisition related expense, net	2,817
Cash settlement	(3,594)
Balance as of July 1, 2012	\$ 5,861

## 6. Warranties

The Company generally provides a one year warranty on instruments. Additionally, the Company provides a warranty on its consumables through the expiration date, which generally ranges from six to twelve months after the manufacture date. At the time revenue is recognized, the Company establishes an accrual for estimated warranty expenses based on historical experience as well as anticipated product performance. The Company periodically reviews the adequacy of its warranty reserve and adjusts, if necessary, the warranty percentage and accrual based on actual experience and estimated costs to be incurred. Warranty expense is recorded as a component of cost of product revenue. Expenses associated with instrument service contracts are recorded as a cost of service and other revenue as incurred.

Changes in the Company's reserve for product warranties from January 1, 2012 through July 1, 2012 are as follows (in thousands):

Balance as of January 1, 2012	\$ 11,966
Additions charged to cost of revenue	7,846
Repairs and replacements	(8,397)
Balance as of July 1, 2012	\$ 11,415

## 7. Convertible Senior Notes

### *0.25% Convertible Senior Notes due 2016*

In 2011, the Company issued \$920.0 million aggregate principal amount of 0.25% convertible senior notes due 2016 (the "2016 Notes") in an offering conducted in accordance with Rule 144A under the Securities Act of 1933, as amended. The 2016 Notes were issued at 98.25% of par value. Debt issuance costs of approximately \$0.4 million were primarily comprised of legal, accounting, and other professional fees, the majority of which were recorded in other noncurrent assets and are being amortized to interest expense over the five-year term of the 2016 Notes.

The 2016 Notes will be convertible into cash, shares of common stock, or a combination of cash and shares of common stock, at the Company's election, based on an initial conversion rate, subject to adjustment, of 11.9687 shares per \$1,000 principal amount of the 2016 Notes (which represents an initial conversion price of approximately \$83.55 per share), only in the following circumstances and to the following extent: (1) during the five business-day period after any 10 consecutive trading day period (the "measurement period") in which the trading price per 2016 Note for each day of such measurement period was less than 98% of the product of the last reported sale price of the Company's common stock and the conversion rate on each such day; (2) during any calendar quarter (and only during that quarter) after the calendar quarter ending March 31, 2011, if the last reported sale price of the Company's common stock for 20 or more trading days in the period of 30 consecutive trading days ending on the last trading day of the immediately preceding calendar quarter exceeds 130% of the applicable conversion price in effect on the last trading day of the immediately preceding calendar quarter; (3) upon the occurrence of specified events described in the indenture for the 2016 Notes; and (4) at any time on or after December 15, 2015 through the second scheduled trading day immediately preceding the maturity date.

As noted in the indenture for the 2016 Notes, it is the Company's intent and policy to settle conversions through combination settlement, which essentially involves repayment of an amount of cash equal to the "principal portion" and delivery of the "share amount" in excess of the conversion value over the principal portion in shares of common stock. In general, for each \$1,000 in principal, the "principal portion" of cash upon settlement is defined as the lesser of \$1,000, and the conversion value during the 20-day observation period as described in the indenture for the 2016 Notes. The conversion value is the sum of the daily conversion value which is the product of the effective conversion rate divided by 20 days and the daily volume weighted average price ("VWAP") of the Company's common stock. The "share amount" is the cumulative "daily

share amount” during the observation period, which is calculated by dividing the daily VWAP into the difference between the daily conversion value (i.e., conversion rate x daily VWAP) and \$1,000.

The Company pays 0.25% interest per annum on the principal amount of the 2016 Notes semiannually in arrears in cash on March 15 and September 15 of each year. The Company made an interest payment of \$1.2 million during the six months ended July 1, 2012. The 2016 Notes mature on March 15, 2016. If a designated event, as defined in the indenture for the 2016 Notes, such as an acquisition, merger, or liquidation, occurs prior to the maturity date, subject to certain limitations, holders of the 2016 Notes may require the Company to repurchase all or a portion of their 2016 Notes for cash at a repurchase price equal to 100% of the principal amount of the 2016 Notes to be repurchased, plus any accrued and unpaid interest to, but excluding, the repurchase date.

The Company accounts separately for the liability and equity components of the 2016 Notes in accordance with authoritative guidance for convertible debt instruments that may be settled in cash upon conversion. The guidance requires the carrying amount of the liability component to be estimated by measuring the fair value of a similar liability that does not have an associated conversion feature. Because the Company has no outstanding non-convertible public debt, the Company determined that senior, unsecured corporate bonds traded on the market represent a similar liability to the convertible senior notes without the conversion option. Based on market data available for publicly traded, senior, unsecured corporate bonds issued by companies in the same industry and with similar maturity, the Company estimated the implied interest rate of its 2016 Notes to be 4.5%, assuming no conversion option. Assumptions used in the estimate represent what market participants would use in pricing the liability component, including market interest rates, credit standing, and yield curves, all of which are defined as Level 2 observable inputs. The estimated implied interest rate was applied to the 2016 Notes, which resulted in a fair value of the liability component of \$748.5 million upon issuance, calculated as the present value of implied future payments based on the \$920.0 million aggregate principal amount. The \$155.4 million difference between the cash proceeds of \$903.9 million and the estimated fair value of the liability component was recorded in additional paid-in capital as the 2016 Notes are not considered currently redeemable at the balance sheet date.

If the 2016 Notes were converted as of July 1, 2012, the if-converted value would not exceed the principal amount. As a policy election under applicable guidance related to the calculation of diluted net income per share, the Company elected the combination settlement method as its stated settlement policy and applied the treasury stock method in the calculation of dilutive impact of the 2016 Notes, which was anti-dilutive for the three and six months ended July 1, 2012.

#### ***0.625% Convertible Senior Notes due 2014***

In 2007, the Company issued \$400.0 million principal amount of 0.625% convertible senior notes due 2014 (the "2014 Notes"). The Company pays 0.625% interest per annum on the principal amount of the 2014 Notes semi-annually in arrears in cash on February 15 and August 15 of each year. Interest payments made during the six months ended July 1, 2012 were immaterial due to conversions which occurred in prior periods. The 2014 Notes mature on February 15, 2014. The effective interest rate of the liability component was estimated to be 8.3%.

The Company entered into hedge transactions concurrently with the issuance of the 2014 Notes under which the Company is entitled to purchase up to approximately 18,322,000 shares of the Company's common stock at a strike price of approximately \$21.83 per share, subject to adjustment. The convertible note hedge transactions had the effect of reducing dilution to the Company's stockholders upon conversion of the 2014 Notes. Also concurrently with the issuance of the 2014 Notes, the Company sold to the hedge counterparties warrants exercisable, on a cashless basis, for up to approximately 18,322,000 shares of the Company's common stock at a strike price of \$31.435 per share, subject to adjustment. The proceeds from these warrants partially offset the cost to the Company of the convertible note hedge transactions.

The 2014 Notes became convertible into cash and shares of the Company's common stock in various prior periods and became convertible again from April 1, 2012 through, and including, September 30, 2012. There were no conversions of the 2014 Notes during the three and six months ended July 1, 2012. During the six months ended July 3, 2011, the principal amount of 2014 Notes converted was repaid with cash and the excess of the conversion value over the principal amount was paid in shares of common stock. The equity dilution resulting from the issuance of common stock related to the conversion of the 2014 Notes was offset by repurchase of the same amount of shares under the convertible note hedge transactions, which were automatically exercised in accordance with their terms at the time of each conversion. The balance of the convertible note hedge transactions with respect to approximately \$40.1 million principal amount of the 2014 Notes (which are convertible for up to approximately 1,838,000 shares of the Company's common stock) remained in place as of July 1, 2012. The warrants were not affected by the early conversions of the 2014 Notes and, as a result, warrants covering up to approximately 18,322,000 shares of common stock remained outstanding as of July 1, 2012.



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As a result of the conversions during the three and six months ended July 3, 2011, the Company recorded losses on extinguishment of debt calculated as the difference between the estimated fair value of the debt and the carrying value of the notes as of the settlement dates. To measure the fair value of the converted notes as of the settlement dates, the applicable interest rates were estimated using Level 2 observable inputs and applied to the converted notes using the same methodology as in the issuance date valuation. If the remaining 2014 Notes were converted as of July 1, 2012, the if-converted value would exceed the principal amount by \$33.6 million.

The following table summarizes information about the equity and liability components of the 2014 Notes and 2016 Notes (dollars in thousands). The fair values of the respective notes outstanding were measured based on quoted market prices.

	July 1, 2012		January 1, 2012	
	2016 Notes	2014 Notes	2016 Notes	2014 Notes
Principal amount of convertible notes outstanding	\$920,000	\$40,125	\$920,000	\$40,125
Unamortized discount of liability component	(130,992)	(4,465)	(147,034)	(5,722)
Net carrying amount of liability component	789,008	35,660	772,966	34,403
Less: current portion	—	(35,660)	—	—
Long-term debt	\$789,008	\$—	\$772,966	\$34,403
Conversion option subject to cash settlement	\$—	\$4,465	\$—	\$5,722
Carrying value of equity component, net of debt issuance cost	\$155,366	\$112,778	\$155,366	\$114,035
Fair value of outstanding notes (Level 2 measurement)	\$824,637	\$76,106	\$725,632	\$60,122
Remaining amortization period of discount on the liability component	3.7 years	1.6 years	4.2 years	2.1 years

Contractual coupon interest expense and accretion of discount on the liability component recorded for the 2014 Notes and 2016 Notes during the three and six months ended July 1, 2012 and July 3, 2011 were as follows (in thousands):

	Three Months Ended				Six Months Ended			
	July 1, 2012		July 3, 2011		July 1, 2012		July 3, 2011	
	2016 Notes	2014 Notes	2016 Notes	2014 Notes	2016 Notes	2014 Notes	2016 Notes	2014 Notes
Contractual coupon interest expense	\$ 575	\$ 62	\$ 562	\$ 114	\$ 1,061	\$ 136	\$ 655	\$ 688
Accretion of discount on the liability component	\$ 8,064	\$ 635	\$ 7,566	\$ 1,105	\$ 16,041	\$ 1,257	\$ 8,810	\$ 6,375

## 8. Share-based Compensation Expense

Share-based compensation expense for all stock awards consists of the following (in thousands):

	Three Months Ended		Six Months Ended	
	July 1, 2012	July 3, 2011	July 1, 2012	July 3, 2011
Cost of product revenue	\$ 1,844	\$ 1,800	\$ 3,656	\$ 3,312
Cost of service and other revenue	168	132	185	342
Research and development	7,687	8,461	15,114	16,188
Selling, general and administrative	14,348	13,273	28,121	25,863
Share-based compensation expense before taxes	24,047	23,666	47,076	45,705
Related income tax benefits	(8,135)	(8,199)	(15,959)	(15,960)
Share-based compensation expense, net of taxes	\$ 15,912	\$ 15,467	\$ 31,117	\$ 29,745

The assumptions used for the specified reporting periods and the resulting estimates of weighted-average fair value per

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share of options granted and for stock purchase rights granted under the ESPP for the six months ended July 1, 2012 are as follows:

	Stock Options	Employee Stock Purchase Rights
Risk-free interest rate	0.56% - 0.74%	0.09% - 0.13%
Expected volatility	43% - 48%	53% - 64%
Expected term	4.0 - 4.7 years	0.5 - 1.0 year
Expected dividends	—	—
Weighted average fair value per share	\$14.70	\$16.97

As of July 1, 2012, approximately \$164.7 million of unrecognized compensation cost related to stock options, restricted stock units, performance stock units, and ESPP shares is expected to be recognized over a weighted average period of approximately 2.3 years.

**9. Stockholders' Equity**

***Stock Options***

The Company's stock option activity under all stock option plans during the six months ended July 1, 2012 is as follows:

	Options (in thousands)	Weighted Average Exercise Price per Share
Outstanding as of January 1, 2012	10,378	\$ 29.69
Granted	223	39.48
Exercised	(1,227)	17.85
Cancelled	(127)	41.06
Outstanding as of July 1, 2012	9,247	\$ 31.34

At July 1, 2012, outstanding options to purchase approximately 6,878,000 shares were exercisable with a weighted average exercise price per share of \$26.88.

***Employee Stock Purchase Plan***

The price at which common stock is purchased under the ESPP is equal to 85% of the fair market value of the common stock on the first or last day of the offering period, whichever is lower. During the six months ended July 1, 2012, approximately 156,000 shares were issued under the ESPP. As of July 1, 2012, there were approximately 15,578,000 shares available for issuance under the ESPP.

***Restricted Stock Units***

A summary of the Company's restricted stock unit activity and related information for the six months ended July 1, 2012 is as follows:

	Restricted Stock Units <sup>(1)</sup> (in thousands)	Weighted Average Grant-Date Fair Value per Share
Outstanding at January 1, 2012	3,476	\$ 41.87
Awarded	635	49.36
Vested	(359)	41.03
Cancelled	(241)	44.61
Outstanding as of July 1, 2012	3,511	\$ 43.12

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- (1) The fair value of each restricted stock unit represents the fair market value of one share of the Company's common stock.

### ***Performance Stock Units***

During the six months ended July 1, 2012, the Company's Compensation Committee of the Company's Board of Directors approved changes to the Company's long-term equity incentive program for executive officers and approved the issuance of certain performance stock units at the end of a three-year performance period. The number of shares issuable will range from 50% and 150% of approximately 543,000 shares approved in the award, based on the Company's performance relative to specified earnings per share targets at the end of the three-year performance period. The performance stock units were awarded with a weighted average grant-date fair value of \$50.32, which represents the fair market value of one share of the Company's common stock on the grant date.

### ***Warrants***

As of July 1, 2012, warrants exercisable, on a cashless basis, for up to approximately 18,322,000 shares of common stock were outstanding with an exercise price of \$31.435. These warrants were sold to counterparties to the Company's convertible note hedge transactions in connection with the offering of the 2014 Notes, with the proceeds of such warrants used by the Company to partially offset the cost of such hedging transactions. All outstanding warrants expire in equal installments during the 40 consecutive scheduled trading days beginning on May 16, 2014.

### ***Share Repurchases***

On April 18, 2012, the Company's Board of Directors authorized a \$250 million stock repurchase program to be effected via a combination of Rule 10b5-1 and discretionary share repurchase programs. During the three and six months ended July 1, 2012, the Company repurchased approximately 795,000 shares for \$32.5 million.

### ***Stockholder Rights Plan***

In connection with the unsolicited tender offer by Roche (refer to note "12. Unsolicited Tender Offer"), on January 25, 2012, the Company's Board of Directors declared a dividend of one preferred share purchase right (a "Right") for each outstanding share of the Company's common stock. Each Right entitles the registered holder to purchase from the Company one one-thousandth of a share of the Company's Series A Junior Participating Preferred Stock, par value \$0.01 per share (the "Preferred Shares"), at a price of \$275.00 per one thousandth of a Preferred Share, subject to adjustment. The Rights will not be exercisable until such time, if ever, that the Board of Directors determines to eliminate its deferral of the date on which separate Rights certificates are issued and the Rights trade separately from the Company's common stock (the "Distribution Date"). If a person or group ("triggering party") acquires 15% or more of the Company's outstanding common stock, each Right will entitle holders other than the triggering party to purchase, at the exercise price of the Right, a number of shares of common stock having a market value of two times the exercise price of the Right. If the Company is acquired in a merger or other business combination transaction after a person acquires 15% or more of the Company's common stock, each Right will entitle holders other than the triggering party to purchase, at the Right's then-current exercise price, a number of common shares of the acquiring company that at the time of such transaction have a market value of two times the exercise price of the Right. The Board of Directors will be entitled to redeem the Rights at a price of \$0.001 per Right at any time before the Distribution Date. The Board of Directors will also be entitled to exchange the Rights at an exchange ratio per Right of one share of common stock after any person acquires beneficial ownership of 15% or more of the Company's outstanding common stock, and prior to the acquisition of 50% or more of the Company's outstanding common stock. The Rights will expire on January 26, 2017.

## **10. Income Taxes**

The Company's effective tax rate may vary from the U.S. statutory tax rate due to the change in the mix of earnings in tax jurisdictions with different statutory rates, benefits related to tax credits, and the tax impact of non-deductible expenses and other permanent differences between income before income taxes and taxable income. The effective tax rate for the three and six months ended July 1, 2012 were 32.7% and 33.9%, respectively. For the three and six months ended July 1, 2012, the variance from the U.S. federal statutory rate of 35% is primarily attributable to the tax treatment of the \$21.4 million in impairment of IPR&D, which was recorded as a discrete item.

## **11. Legal Proceedings**

On February 28, 2012, a federal jury in Wilmington, Delaware, found that certain of the Company's sample preparation and cluster generation kits and products sold in the United States infringe U.S. Patent No. 6,107,023, owned by LadaTech LLC, a patent holding company. The parties have executed a settlement agreement resolving the litigation, which includes dismissal of the litigation with prejudice.

In connection with the unsolicited tender offer by Roche (refer to note "12. Unsolicited Tender Offer"), the Company became involved in three stockholder class action lawsuits, with one case in the U.S. District Court for the Southern District of California, one case in the California Superior Court (County of San Diego), and one consolidated case in the Court of Chancery for the State of Delaware. Following termination of Roche's tender offer, the plaintiffs in the actions filed in California Superior Court (County of San Diego) and the Court of Chancery for the State of Delaware voluntarily dismissed the class action lawsuits.

The Company is also involved in various other lawsuits and claims arising in the ordinary course of business, including actions with respect to intellectual property, employment, and contractual matters. In connection with these matters, the Company assesses contingencies to determine the degree of probability and range of possible loss for potential accrual in its financial statements. An estimated loss contingency is accrued in the financial statements if it is probable that a liability has been incurred and the amount of the loss can be reasonably estimated.

During the three and six months ended July 1, 2012, the Company recorded incremental legal contingency loss accruals of \$0.8 million and \$3.0 million, respectively, in aggregate within cost of product revenue. Because litigation is inherently unpredictable and unfavorable resolutions could occur, assessing contingencies is highly subjective and requires judgments about future events. The Company regularly reviews contingencies to determine the adequacy of the accruals and related disclosures. However, the amount of ultimate loss may differ from these estimates. Because of the uncertainties related to the occurrence, amount, and range of loss on any pending litigation or claim, management is currently unable to predict their ultimate outcome, to determine whether a liability has been incurred, or, other than with respect to amounts already recorded, to make a meaningful estimate of the reasonably possible loss or range of loss that could result from an unfavorable outcome. The Company believes, however, that the liability, if any, resulting from the aggregate amount of losses for any outstanding litigation or claim will not have a material adverse effect on the Company's consolidated financial position, liquidity, or results of operations.

## **12. Unsolicited Tender Offer**

On January 27, 2012, CKH Acquisition Corporation and Roche Holding Ltd. (together, "Roche") commenced an unsolicited tender offer (the "Offer") to purchase all outstanding shares of the Company's common stock for \$44.50 per share. As more fully described in the Company's Solicitation/Recommendation on Schedule 14D-9 filed with the SEC on February 7, 2012 in response to the Offer, the Company's Board of Directors unanimously recommended that the Company's stockholders reject the Offer and not tender their shares to Roche for purchase.

On March 28, 2012, Roche revised the Offer to purchase all outstanding shares of the Company's common stock for \$51.00 per share. As more fully described in the Amendment No. 11 to Solicitation/Recommendation on Schedule 14D-9 filed with the SEC on April 2, 2012 in response to the revised Offer, the Company's Board of Directors unanimously recommended that the Company's stockholders reject the Roche offer and not tender their shares to Roche for purchase. The Offer expired, without being extended, on April 20, 2012.

During the three and six months ended July 1, 2012, the Company recorded \$6.7 million and \$14.8 million in expenses in relation to the Offer, respectively, consisting primarily of legal, advisory, proxy solicitation, and other professional services fees.

## Item 2. Management's Discussion and Analysis of Financial Condition and Results of Operations.

Our Management's Discussion and Analysis of Financial Condition and Results of Operations (MD&A) is provided in addition to the accompanying condensed consolidated financial statements and notes to assist readers in understanding our results of operations, financial condition, and cash flows. This MD&A is organized as follows:

- *Business Overview and Outlook*. High level discussion of our operating results and significant known trends that affect our business.
- *Results of Operations*. Detailed discussion of our revenues and expenses.
- *Liquidity and Capital Resources*. Discussion of key aspects of our statements of cash flows, changes in our financial position, and our financial commitments.
- *Off-Balance Sheet Arrangements*. We have no significant off-balance sheet arrangements.
- *Critical Accounting Policies and Estimates*. Discussion of significant changes since our most recent Annual Report on Form 10-K that we believe are important to understanding the assumptions and judgments underlying our financial statements.

This MD&A discussion contains forward-looking statements that involve risks and uncertainties. Please see "Consideration Regarding Forward-Looking Statements" at the end of this MD&A section for additional factors relating to such statements. This MD&A should be read in conjunction with our condensed consolidated financial statements and accompanying notes included in this report and our Annual Report on Form 10-K for the fiscal year ended January 1, 2012. Operating results are not necessarily indicative of results that may occur in future periods.

### Business Overview and Outlook

This overview and outlook provides a high level discussion of our operating results and significant known trends that affect our business. We believe that an understanding of these trends is important to understanding our financial results for the periods being reported herein as well as our future financial performance. This summary is not intended to be exhaustive, nor is it intended to be a substitute for the detailed discussion and analysis provided elsewhere in this Quarterly Report on Form 10-Q.

#### *About Illumina*

We are a leading developer, manufacturer, and marketer of life science tools and integrated systems for the analysis of genetic variation and function. Using our proprietary technologies, we provide a comprehensive line of genetic analysis solutions, with products and services that address a broad range of highly interconnected markets, including sequencing, genotyping, gene expression, and molecular diagnostics. Our customers include leading genomic research centers, academic institutions, government laboratories, and clinical research organizations, as well as pharmaceutical, biotechnology, agrigenomics, and consumer genomics companies.

Our broad portfolio of instruments, consumables, and analysis tools are designed to simplify and accelerate genetic analysis. This portfolio addresses the full range of genomic complexity, price points, and throughputs, enabling researchers to select the best solution for their scientific challenge. In 2007, through our acquisition of Solexa, Inc., we acquired our proprietary sequencing by synthesis (SBS) technology that is at the heart of our leading-edge sequencing instruments. These systems can be used to efficiently perform a range of nucleic acid (DNA, RNA) analyses on large numbers of samples. For more focused studies, our array-based solutions provide ideal tools to perform genome-wide association studies (GWAS) involving single-nucleotide polymorphism (SNP) genotyping and copy number variation (CNV) analyses, as well as gene expression profiling and other DNA, RNA, and protein studies. In 2010, through our acquisition of Helixis, Inc., we expanded our instrument portfolio to include real-time polymerase chain reaction (PCR), one of the most widely used technologies in life sciences. To further enhance our genetic analysis workflows, in 2011 we acquired Epicentre Technologies Corporation, a leading provider of nucleic acid sample preparation reagents and specialty enzymes for sequencing and microarray applications.

Our financial results have been, and will continue to be, impacted by several significant trends, which are described below. While these trends are important to understanding and evaluating our financial results, this discussion should be read in conjunction with our condensed consolidated financial statements and the notes thereto in Item 1, Part I of this report, and the other transactions, events, and trends discussed in "Risk Factors" in Item 1A, Part II of this report and Item 1A of our Annual Report on Form 10-K for the fiscal year ended January 1, 2012.

#### *Funding Environment*

We believe the uncertainty surrounding the levels of government and academic research funding in the United States and Europe will continue in the second half of 2012 and into 2013, which could lead to purchasing delays and could negatively impact our business. There remains significant uncertainty concerning government and academic research funding worldwide as governments in the United States and Europe, in particular, focus on reducing fiscal deficits while at the same time confronting slow economic growth.

While many of our customers receive funding from government agencies to purchase our products we are seeing less of a dependence on government funding, exemplified by MiSeq orders that are weighted more heavily to non-academic customers. However, we estimate that approximately one-third of our total revenue is derived, directly or indirectly, from funding provided by the U.S. National Institute of Health (NIH). Based on the fiscal year 2012 Congressional budget, the adjusted fiscal 2012 NIH budget increased 1% as compared to fiscal 2011 levels. The significance and timing of any reductions to the NIH budget beyond fiscal 2012 may be significantly impacted by the sequestration provisions of the Budget Control Act of 2011 and by whether these provisions remain in effect. In addition, the U.S. Department of Health and Human Services (HHS), of which the NIH is a part, has the ability to reallocate

funds within its budget to spare the NIH from the full effect of HHS budget reductions. Accordingly, although there is no clarity on sequestration and the NIH budget for 2013 remains uncertain, we continue to believe that a dramatic reduction in NIH funding is unlikely. In that regard, the Obama administration has already proposed a flat NIH budget for 2013, while complying with the Budget Control Act with reductions in other areas. Also, in June 2012 the Senate Committee on Appropriations approved a \$100 million increase to the NIH budget for 2013 from fiscal 2012 levels. We further believe that allocations within the NIH budget will continue to favor genetic analysis tools generally and, in particular, next-generation sequencing.

### ***Next-Generation Sequencing***

Next-generation sequencing has become a core technology for modern life science research. Over the next several years, expansion of the sequencing market, including an increase in the number of samples available, and enhancements in our product portfolio will continue to drive demand for our next-generation sequencing technologies. Full commercial shipments of the HiSeq 2500 announced in Q1 2012 are expected to commence in the second half of 2012.

We experienced a sequential increase in sequencing consumable sales in Q2 2012, driven by an increase in consumable revenue per HiSeq system and growth of the installed base of our sequencing instruments. We believe that our sequencing consumable revenue will grow in future periods with the continued expansion of our installed base.

### ***MicroArrays***

As a complement to next-generation sequencing, we believe microarrays offer a less expensive, faster, and highly accurate technology for use when genetic content is already known. The information content of microarrays is fixed and reproducible. As such, microarrays provide repeatable, standardized assays for certain subsets of nucleotide bases within the overall genome. We believe that focused studies will drive future microarray sales; however, as the cost of sequencing continues to decrease, we believe that researchers will migrate certain whole genome array studies to sequencing at some point in the future.

### ***Financial Overview***

Financial highlights for the first half of 2012 include the following:

- Net revenue decreased by 2.9% during the first half of 2012 compared to the same period in 2011. Revenue in the first half of 2011 benefited significantly from a large number of HiSeq 2000 units shipped, driven by the considerable backlog entering the period and the demand generated by our Genome Analyzer trade-in program. Revenue for the first half of 2012 was driven by an increase in sequencing and microarray consumable sales resulting from an increase in consumable revenue per HiSeq system, the continued growth in our instrument system installed base and strong demand for focused content arrays. Furthermore, two full quarters of MiSeq system and related consumable shipments further contributed to revenue in the first half of 2012.
- Gross profit as a percentage of revenue (gross margin) was 67.6% for the first half of 2012, an increase from 66.9% for the first half of 2011. We saw the positive effects of a shift in sales mix from instrument systems to consumables, the latter having a higher gross margin. We believe our gross margin in future periods will depend on several factors, including market conditions that may impact our ability to set pricing, product mix changes between consumable and instrument sales, cost structure for manufacturing operations, and creation of innovative and high premium products that meet or stimulate customer demand.
- Income from operations decreased 31.6% in the first half of 2012 compared to the same period in 2011 primarily due to a 14.4% increase in total operating expenses, which was driven primarily by impairment of in-process research and development ("IPR&D") acquired in a prior business combination, costs incurred to address Roche's unsolicited tender offer, and restructuring charges related to the restructuring and reduction in force announced in Q4 2011. We expect to incur additional expenses related to the unsolicited tender offer and our headquarters relocation through 2012.
- Our effective tax rate was 33.9% for the first half of 2012. The provision for income taxes is dependent on the mix of earnings in tax jurisdictions with different statutory tax rates and the other factors discussed in the risk factor "We are subject to risks related to taxation in multiple jurisdictions and the possible loss of the tax deduction on our outstanding convertible notes" in Item 1A of our Annual Report on Form 10-K for the fiscal year ended January 1, 2012. For the remainder of 2012 and beyond, we anticipate that our effective tax rate will trend lower than the U.S. federal statutory rate as the portion of our earnings subject to lower statutory tax rates increases and the U.S. research and development tax credit is passed and retroactively applied for 2012.
- We ended Q2 2012 with cash, cash equivalents, and short-term investments totaling \$1.3 billion. During the first half of 2012, we generated \$161.8 million in cash from operations, a \$2.0 million, or 1%, increase from the first half of 2011. During the same period, we used \$32.5 million to repurchase shares of our common stock.

## Results of Operations

To enhance comparability, the following table sets forth our unaudited condensed consolidated statements of operations for the specified reporting periods stated as a percentage of total revenue.

	Q2 2012	Q2 2011	YTD 2012	YTD 2011
<b>Revenue:</b>				
Product revenue	92.2 %	93.9 %	93.0 %	94.1 %
Service and other revenue	7.8	6.1	7.0	5.9
Total revenue	100.0	100.0	100.0	100.0
<b>Cost of revenue:</b>				
Cost of product revenue	26.7	29.4	28.0	29.8
Cost of service and other revenue	3.4	2.3	3.3	2.2
Amortization of acquired intangible assets	1.1	1.1	1.1	1.1
Total cost of revenue	31.2	32.8	32.4	33.1
Gross profit	68.8	67.3	67.6	66.9
<b>Operating expense:</b>				
Research and development	25.4	17.7	21.7	17.7
Selling, general and administrative	24.4	24.1	24.7	23.7
Unsolicited tender offer related expense	2.4	—	2.7	—
Restructuring charges	0.2	—	0.6	—
Headquarter relocation expense	0.7	0.9	0.7	0.9
Acquisition related expense, net	0.4	1.7	0.5	0.9
Total operating expense	53.5	44.4	50.9	43.2
Income from operations	15.3	23.0	16.7	23.8
<b>Other income (expense):</b>				
Interest income	0.5	0.7	0.7	0.6
Interest expense	(3.4)	(3.3)	(3.4)	(2.9)
Other expense, net	—	(3.3)	(0.5)	(6.5)
Total other expense, net	(2.9)	(5.9)	(3.2)	(8.8)
Income before income taxes	12.4	17.1	13.6	14.9
Provision for income taxes	4.1	6.4	4.6	5.3
Net income	8.3 %	10.7 %	9.0 %	9.6 %

Our fiscal year consists of 52 or 53 weeks ending the Sunday closest to December 31, with quarters of 13 or 14 weeks ending the Sunday closest to March 31, June 30, September 30, and December 31. The three and six month periods ended July 1, 2012 and July 3, 2011 were both 13 and 26 weeks, respectively.

### Revenue

(Dollars in thousands)	Q2 2012	Q2 2011	Change	Percentage Change	YTD 2012	YTD 2011	Change	Percentage Change
Product revenue	\$ 258,839	\$ 269,871	\$ (11,032)	(4)%	\$ 514,475	\$ 536,588	\$ (22,113)	(4)%
Service and other revenue	21,768	17,579	4,189	24	38,902	33,377	5,525	17
Total revenue	\$ 280,607	\$ 287,450	\$ (6,843)	(2)%	\$ 553,377	\$ 569,965	\$ (16,588)	(3)%

Product revenue consists primarily of revenue from the sales of consumables and instruments. Our service and other revenue is primarily generated from instrument service contracts and genotyping and sequencing services.

### Q2 2012 Compared to Q2 2011

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Consumables revenue increased \$24.7 million, or 16%, to \$183.7 million in Q2 2012 compared to \$159.0 million in Q2 2011. The increase was attributable to increased sales of sequencing consumables, driven by higher consumable sales per HiSeq system and the growth of our installed base of sequencing instruments.

Instrument revenue decreased \$34.5 million, or 32%, to \$72.2 million in Q2 2012 compared to \$106.7 million in Q2 2011, driven by a decrease in HiSeq and HiScanSQ instrument shipments, partially offset by a full quarter of MiSeq system shipments. In Q2 2011, we shipped a high volume of HiSeq 2000 units, driven by the significant backlog entering the quarter and demand from the Genome Analyzer trade-in program.

Revenue in Q2 2011 reflects the impact of discounts provided to customers under our Genome Analyzer trade-in program. The estimated incremental sales incentive provided under this trade-in program was approximately \$3.7 million in Q2 2011, based on the total discount provided from list price in excess of our average discount on HiSeq 2000 sales during the period. The Genome Analyzer trade-in program was completed in Q4 2011. See "Revenue Recognition" in note "1. Summary of Significant Accounting Policies" in Part I, Item 1, of this Form 10-Q for additional information on the Genome Analyzer trade-in program.

The increase in service and other revenue in Q2 2012 compared to Q2 2011 was driven by the increase in our instrument service contract revenue as a result of our growing installed base.

*YTD 2012 Compared to YTD 2011*

Consumables revenue increased \$49.4 million, or 16%, to \$356.6 million in the first half of 2012 compared to \$307.2 million in the same period in 2011. The increase was primarily attributable to increased sales of sequencing consumables, driven by higher consumable sales per HiSeq system and the growth of our installed base.

Instrument revenue decreased \$69.2 million, or 31%, to \$151.8 million in the first half of 2012 compared to \$221.0 million in the same period in 2011, driven by a decrease in HiSeq, HiScan, and HiScanSQ instrument shipments, partially offset by two full quarters of MiSeq system shipments. In the first half of 2011, we shipped a high volume of HiSeq 2000 units, driven by the significant backlog entering the period and demand from the Genome Analyzer trade-in program.

Revenue in the first two quarters of 2011 reflects the impact of discounts provided to customers under our Genome Analyzer trade-in program. The estimated incremental sales incentive provided under this trade-in program was approximately \$10.8 million for this period, based on the total discount provided from list price in excess of our average discount on HiSeq 2000 sales during the period. The Genome Analyzer trade-in program was completed in Q4 2011. See "Revenue Recognition" in note "1. Summary of Significant Accounting Policies" in Part I, Item 1, of this Form 10-Q for additional information on the Genome Analyzer trade-in program.

The increase in service and other revenue in the first half of 2012 compared to the same period in 2011 was driven by the increase in our instrument service contract revenue as a result of our growing installed base.

**Gross Margin**

(Dollars in thousands)	Q2 2012	Q2 2011	Change	Percentage Change	YTD 2012	YTD 2011	Change	Percentage Change
Gross profit	\$ 192,997	\$ 193,356	\$ (359)	—%	\$ 374,008	\$ 381,397	\$ (7,389)	(2)%
Gross margin	68.8%	67.3%			67.6%	66.9%		

*Q2 2012 Compared to Q2 2011*

Gross profit in Q2 2012 is largely unchanged from Q2 2011 as the decrease in revenue was offset by a corresponding decrease in cost of goods sold. Gross margin improved in Q2 2012 due in large part to the shift in sales mix from lower margin instruments to higher margin consumables. Q2 2011 instrument sales were affected by promotional discounts provided to customers on HiSeq 2000 sales, including the Genome Analyzer trade-in program. Based on the estimated amount of incremental sales incentive provided, the Genome Analyzer trade-in program negatively impacted our gross margin by approximately 0.4% in Q2 2011. The trade-in program was completed in Q4 2011.

*YTD 2012 Compared to YTD 2011*



Gross profit in the first half of 2012 decreased in comparison to the same period in 2011 primarily due to lower sales. Gross margin improved in the first half of 2012 due in large part to the shift in sales mix from lower margin instruments to higher margin consumables. Instrument sales from the first half of 2011 were affected by promotional discounts provided to customers on HiSeq 2000 sales, including the Genome Analyzer trade-in program. Based on the estimated amount of incremental sales incentive provided, the Genome Analyzer trade-in program negatively impacted our gross margin by approximately 0.6% in the first half of 2011. The trade-in program was completed in Q4 2011.

***Operating Expense***

(Dollars in thousands)	Q2 2012	Q2 2011	Change	Percentage Change	YTD 2012	YTD 2011	Change	Percentage Change
Research and development	\$ 71,223	\$ 50,801	\$ 20,422	40 %	\$ 120,062	\$ 101,001	\$ 19,061	19 %
Selling, general and administrative	68,516	69,233	(717)	(1)	136,485	134,894	1,591	1
Unsolicited tender offer related expense	6,694	—	6,694	100	14,786	—	14,786	100
Restructuring charge	674	—	674	100	3,296	—	3,296	100
Headquarter relocation expense	1,830	2,542	(712)	(28)	3,970	5,064	(1,094)	(22)
Acquisition related expense, net	1,080	4,770	(3,690)	(77)	2,817	5,040	(2,223)	(44)
Total operating expense	\$ 150,017	\$ 127,346	\$ 22,671	18 %	\$ 281,416	\$ 245,999	\$ 35,417	14 %

*Q2 2012 Compared to Q2 2011*

Research and development expense increased by \$20.4 million, or 40%, in Q2 2012 from Q2 2011, primarily due to a \$21.4 million impairment loss recognized for IPR&D recorded as a result of a prior acquisition, offset by a decrease in personnel expenses as a result of a restructuring and reduction in workforce in Q4 2011. Personnel expenses included salaries, share-based compensation, and benefits.

Selling, general and administrative expense in Q2 2012 is largely unchanged from Q2 2011. Although our restructuring plan and reduction in workforce announced in Q4 2011 resulted in cost savings, these benefits were offset by an increase in facilities expense as the rental fees for our current headquarters are higher than the prior facilities occupied in Q2 2011.

During Q1 2012, CKH Acquisition Corporation and Roche Holding Ltd. (together, "Roche") made an unsolicited tender offer to purchase all outstanding shares of our common stock for \$51.00 per share. We recorded \$6.7 million of expenses incurred in relation to the offer during Q2 2012, consisting primarily of legal, advisory, and other professional fees. Refer to note "12. Unsolicited Tender Offer" in Part I, Item 1 of this Form 10-Q for further information.

In late 2011, we announced restructuring plans to reduce our global workforce and to consolidate certain facilities. As a result of the restructuring effort, we recorded additional restructuring charges of \$0.7 million during Q2 2012, comprised primarily of severance pay and other employee separation costs.

In 2011, we relocated our headquarters to another facility in San Diego, California. During Q2 2012, we incurred \$1.8 million in additional headquarter relocation expense, primarily consisting of double rent expense during the transition to our new facility. Headquarter relocation expense recorded in Q2 2011 consisted of accelerated depreciation.

Acquisition related expense, net, in Q2 2012 consisted of changes in fair value of contingent consideration. Acquisition related expense, net in Q2 2011 consisted of \$5.4 million in milestone payments for a prior acquisition recorded as acquired IPR&D, offset by gains related to changes in fair value of contingent consideration.

*YTD 2012 Compared to YTD 2011*

Research and development expense increased by \$19.1 million, or 19%, in the first half of 2012 from the same period in 2011, primarily due to a \$21.4 million impairment loss recognized for IPR&D recorded as a result of a prior acquisition, offset by a decrease in personnel expenses as a result of a restructuring and reduction in workforce in Q4 2011. Personnel expenses

included salaries, share-based compensation, and benefits.

Selling, general and administrative expense increased slightly in the first half of 2012 from the same period in 2011. Although our restructuring plan and reduction in workforce announced in Q4 2011 resulted in cost savings, these benefits were offset by increases in share-based compensation and facilities expense as the rental fees for our current headquarters are higher than the prior facilities occupied in the first half of 2011.

During the first half of 2012, we recorded \$14.8 million of expenses incurred in relation to Roche's unsolicited tender offer, consisting primarily of legal, advisory, and other professional fees.

In late 2011, we announced restructuring plans to reduce our global workforce and to consolidate certain facilities. As a result of the restructuring effort, we recorded additional restructuring charges of \$3.3 million during the first half of 2012, comprised primarily of severance pay and other employee separation costs.

In 2011, we relocated our headquarters to another facility in San Diego, California. During the first half of 2012, we incurred \$4.0 million in additional headquarter relocation expense, primarily consisting of double rent expense during the transition to our new facility. Headquarter relocation expense recorded in the first half of 2011 consisted of accelerated depreciation.

Acquisition related expense, net in the first half of 2012 consisted of changes in fair value of contingent consideration. Acquisition related expense, net in the first half of 2011 consisted of \$5.4 million in milestone payments for a prior acquisition recorded as acquired IPR&D, offset by gains related to changes in fair value of contingent consideration.

***Other Expense, Net***

(Dollars in thousands)	Q2 2012	Q2 2011	Change	Percentage Change	YTD 2012	YTD 2011	Change	Percentage Change
Interest income	\$ 1,385	\$ 1,981	\$ (596)	(30)%	\$ 3,911	\$ 3,521	\$ 390	11 %
Interest expense	(9,508)	(9,418)	(90)	1	(18,710)	(16,809)	(1,901)	11
Other expense, net	(70)	(9,549)	9,479	(99)	(2,733)	(37,078)	34,345	(93)
Total other expense, net	\$ (8,193)	\$ (16,986)	\$ 8,793	(52)%	\$ (17,532)	\$ (50,366)	\$ 32,834	(65)%

*Q2 2012 Compared to Q2 2011*

Interest income and interest expense in Q2 2012 remained largely unchanged from Q2 2011. Interest income is primarily comprised of activities resulting from our investment portfolio balance. Interest expense is primarily comprised of amortization of the discount on our convertible senior notes.

Other expense, net, in Q2 2012 primarily consisted of foreign exchange losses. Other expense, net, in Q2 2011 primarily consisted of a loss on the extinguishment of debt recorded on conversions of our 0.625% convertible senior notes due 2014. The loss on extinguishment of debt was calculated as the difference between the carrying amount of the converted notes and their fair value as of the settlement dates. Refer to note "7. Convertible Senior Notes" in Part I, Item 1 of this Form 10-Q for further description.

*YTD 2012 Compared to YTD 2011*

Interest income and interest expense in the first half of 2012 remained largely unchanged from the same period in 2011. Interest income is primarily comprised of activities resulting from our investment portfolio balance. Interest expense is primarily comprised of amortization of the discount on our convertible senior notes.

Other expense, net, in Q2 2012 primarily consisted of foreign exchange losses. Other expense, net, in the first half of 2011 primarily consisted of a loss on the extinguishment of debt recorded on conversions of our 0.625% convertible senior notes due 2014. The loss on extinguishment of debt was calculated as the difference between the carrying amount of the converted notes and their fair value as of the settlement dates. Refer to note "7. Convertible Senior Notes" in Part I, Item 1 of this Form 10-Q for further description.

***Provision for Income Taxes***

(Dollars in thousands)	Q2 2012	Q2 2011	Change	Percentage Change	YTD 2012	YTD 2011	Change	Percentage Change
Income before income taxes	\$ 34,787	\$ 49,024	\$ (14,237)	(29)%	\$ 75,060	\$ 85,032	\$ (9,972)	(12)%
Provision for income taxes	\$ 11,386	\$ 18,404	\$ (7,018)	(38)%	\$ 25,457	\$ 30,275	\$ (4,818)	(16)%
Effective tax rate	32.7%	37.5%			33.9%	35.6%		

*Q2 2012 Compared to Q2 2011*

Our effective tax rate was 32.7% in Q2 2012. The variance from the U.S. statutory rate of 35% was primarily attributable to the tax treatment of the \$21.4 million impairment charge for IPR&D, which was recorded as a discrete item in the quarter. Our future effective tax rate may vary from the U.S. statutory tax rate due to the change in the mix of earnings in tax jurisdictions with different statutory rates, benefits related to tax credits, and the tax impact of non-deductible expenses and other permanent differences between income before income taxes and taxable income. In Q2 2011, the tax rate was 37.5%. The variance from the U.S. statutory rate was primarily attributable to the tax impact of the loss on extinguishment of debt, which was recorded as a discrete item during Q2 2011.

*YTD 2012 Compared to YTD 2011*

Our effective tax rate was 33.9% for the first half of 2012. The variance from the U.S. statutory rate of 35% was primarily attributable to the tax treatment of the \$21.4 million impairment charge for IPR&D, which was recorded as a discrete item during in Q2 2012. Our future effective tax rate may vary from the U.S. statutory tax rate due to the change in the mix of earnings in tax jurisdictions with different statutory rates, benefits related to tax credits, and the tax impact of non-deductible expenses and other permanent differences between income before income taxes and taxable income. In the first half of 2011, the tax rate was 35.6%. The variance from the U.S. statutory rate was primarily attributable to the tax impact of the loss on extinguishment of debt, which was recorded as a discrete item during the first half of 2011.

**Liquidity and Capital Resources**

*Cash flow summary*

(In thousands)	YTD 2012	YTD 2011
Net cash provided by operating activities	\$ 161,769	\$ 159,798
Net cash used in investing activities	(151,518)	(425,140)
Net cash provided by financing activities	3,352	276,998
Effect of exchange rate changes on cash and cash equivalents	(169)	481
Net increase in cash and cash equivalents	\$ 13,434	\$ 12,137

*Operating Activities*

Cash provided by operating activities in the first half of 2012 consisted of net income of \$49.6 million plus net non-cash adjustments of \$88.1 million in addition to changes in net operating assets of \$24.1 million. The primary non-cash expenses added back to net income included share-based compensation of \$47.1 million, depreciation and amortization expenses related to property and equipment and acquired intangible assets of \$29.9 million, impairment of IPR&D of \$21.4 million, and the accretion of the debt discount of \$17.3 million. These non-cash add-backs were partially offset by the \$11.2 million incremental tax benefit related to stock options exercised. The main drivers in the change in net operating assets included increases in accounts receivable, accounts payable, and accrued liabilities due to increased business activity.

Cash provided by operating activities in the first half of 2011 consisted of net income of \$54.8 million plus net non-cash adjustments of \$107.8 million offset by a \$2.8 million decrease in net operating assets. The primary non-cash expenses added back to net income included loss on extinguishment of debt of \$36.9 million, share based compensation of \$45.7 million, depreciation and amortization expenses related to property and equipment and intangible assets of \$32.3 million, and accretion of the debt discount on our convertible notes totaling \$15.2 million. These non-cash add-backs were partially offset by the \$33.3 million incremental tax benefit related to stock options exercised.

*Investing Activities*

Cash used in investing activities totaled \$151.5 million for the first half of 2012. We purchased \$562.2 million of available-for-sale securities and \$459.8 million of our available-for-sale securities matured or were sold during the period. We used \$15.0 million for purchases of strategic investments. We also invested \$34.0 million in capital expenditures primarily associated with the purchase of manufacturing and servicing equipment, leasehold improvements, and information technology equipment and systems.

Cash used in investing activities totaled \$425.1 million for the first half of 2011. During the period, we purchased \$807.0 million of available-for-sale securities, and \$476.5 million of our available-for-sale securities matured or were sold. We also paid net cash of \$58.3 million for acquisitions, used \$28.5 million for capital expenditures primarily associated with the purchase of manufacturing, servicing, and R&D equipment, infrastructure for manufacturing facilities, and information technology equipment and systems.

#### *Financing Activities*

Cash provided by financing activities totaled \$3.4 million for the first half of 2012. We received \$28.0 million in proceeds from the issuance of our common stock through the exercise of stock options and warrants and the sale of shares under our employee stock purchase plan and used \$32.5 million to repurchase our common stock. In addition, we received \$11.2 million in incremental tax benefit related to stock options exercised.

Cash provided by financing activities totaled \$277.0 million for the first half of 2011. We received \$903.5 million in proceeds from the issuance of our 0.25% Convertible Senior Notes due 2016, net of issuance discounts. We also received \$47.4 million in proceeds from the issuance of our common stock through the exercise of stock options and warrants and sales of shares under our employee stock purchase plan. Additionally, we received \$33.3 million in incremental tax benefit related to stock options exercised. These increases were partially offset by common stock repurchases of \$366.3 million and payments on the principal amount of our 0.625% Convertible Senior Notes due 2014 of \$340.9 million upon conversions.

#### *Liquidity*

We manage our business to maximize operating cash flows as the primary source of our liquidity. Our ability to generate cash from operations provides us with the financial flexibility we need to meet operating, investing, and financing needs. Historically, we have issued debt and equity securities to finance our requirements to the extent that cash provided by operating activities was not sufficient to fund our needs.

At July 1, 2012, we had approximately \$1.3 billion in cash, cash equivalents, and short-term investments. Our short-term investments include marketable securities consisting of debt securities in government sponsored entities, corporate debt securities, and U.S. Treasury notes. Cash and cash equivalents held by our foreign subsidiaries at July 1, 2012 were approximately \$173.1 million. It is our intention to indefinitely reinvest all current and future foreign earnings in foreign subsidiaries.

Our primary short-term needs for capital, which are subject to change, include expenditures related to:

- support of commercialization efforts related to our current and future products, including expansion of our direct sales force and field support resources both in the United States and abroad;
- acquisitions of equipment and other fixed assets for use in our current and future manufacturing and research and development facilities;
- repurchases of our outstanding common stock;
- the continued advancement of research and development efforts;
- potential strategic acquisitions and investments; and
- the expansion needs of our facilities, including costs of leasing additional facilities.

We expect that our revenue and the resulting operating income, as well as the status of each of our new product development programs, will significantly impact our cash management decisions.

We anticipate that our current cash and cash equivalents and cash provided by operating activities will be sufficient to fund our operating needs for at least the next 12 months, barring unforeseen circumstances. Operating needs include the planned costs to operate our business, including amounts required to fund working capital and capital expenditures. At the

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present time, we have no material commitments for capital expenditures. Our future capital requirements and the adequacy of our available funds will depend on many factors, including:

- our ability to successfully commercialize and further develop our technologies and create innovative products in our markets;
- scientific progress in our research and development programs and the magnitude of those programs;
- competing technological and market developments; and
- the need to enter into collaborations with other companies or acquire other companies or technologies to enhance or complement our product and service offerings.

### **Off-Balance Sheet Arrangements**

We do not participate in any transactions that generate relationships with unconsolidated entities or financial partnerships, such as entities often referred to as structured finance or special purpose entities, which would have been established for the purpose of facilitating off-balance sheet arrangements or other contractually narrow or limited purposes. During the first six months of 2012, we were not involved in any “off-balance sheet arrangements” within the meaning of the rules of the SEC.

### **Critical Accounting Policies and Estimates**

In preparing our financial statements, we make estimates, assumptions and judgments that can have a significant impact on our net revenue, operating income and net income, as well as on the value of certain assets and liabilities on our balance sheet. We believe that the estimates, assumptions and judgments involved in the accounting policies described in Management’s Discussion and Analysis of Financial Condition and Results of Operations in Item 7 of our Annual Report on Form 10-K for the fiscal year ended January 1, 2012 have the greatest potential impact on our financial statements, so we consider them to be our critical accounting policies and estimates. There were no material changes to our critical accounting policies and estimates during the first half of 2012.

### **Consideration Regarding Forward-Looking Statements**

This Quarterly Report on Form 10-Q contains forward-looking statements that involve risks and uncertainties, such as statements of our plans, strategies, objectives, expectations, intentions, and adequacy of resources. Words such as “anticipate,” “believe,” “continue,” “estimate,” “expect,” “intend,” “may,” “plan,” “potential,” “predict,” “project,” or similar words or phrases, or the negatives of these words, may identify forward-looking statements, but the absence of these words does not necessarily mean that a statement is not forward looking. Examples of forward-looking statements include, among others, statements regarding the integration of our acquired technologies with our existing technology, the commercial launch of new products, the entry into new business segments or markets, and the duration which our existing cash and other resources is expected to fund our operating activities.

Forward-looking statements are subject to known and unknown risks and uncertainties and are based on potentially inaccurate assumptions that could cause actual results to differ materially from those expected or implied by the forward-looking statements. Among the important factors that could cause actual results to differ materially from those in any forward-looking statements include the following:

- reductions in the funding levels to our primary customers, including as a result of significant uncertainty concerning government and academic research funding worldwide;
- our ability to develop and commercialize further our sequencing, array, PCR, and consumables technologies and to deploy new sequencing, genotyping, gene expression, and diagnostics products and applications for our technology platforms;
- our ability to manufacture robust instrumentation and consumables;
- our expectations and beliefs regarding future conduct and growth of the business;
- our ability to maintain our revenue and profitability during periods of research funding reduction or uncertainty, adverse economic and business conditions, including as a result of slowing economic growth in the United States or worldwide;
- the assumptions underlying our Critical Accounting Policies and Estimates, including our estimates regarding stock volatility and other assumptions used to estimate the fair value of share-based compensation; the fair value of goodwill; and expected future amortization of acquired intangible assets;
- our belief that the investments we hold are not other-than-temporarily impaired;
- our assessments and estimates that determine our effective tax rate;

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- our belief that our cash and cash equivalents, investments and cash generated from operations will be sufficient to meet our working capital, capital expenditures and other liquidity requirements for at least the next 12 months; and
- our assessments and beliefs regarding the future outcome of pending legal proceedings and the liability, if any, that Illumina may incur as a result of those proceeding.

The foregoing factors should be considered together with other factors detailed in our filings with the Securities and Exchange Commission, including our most recent filings on Forms 10-K and 10-Q, or in information disclosed in public conference calls, the date and time of which are released beforehand. We undertake no obligation, and do not intend, to update these forward-looking statements, to review or confirm analysts' expectations, or to provide interim reports or updates on the progress of the current financial quarter. Accordingly, you should not unduly rely on these forward-looking statements, which speak only as of the date of this Quarterly Report on Form 10-Q.

Additionally, our business is subject to various risks, including those described in Item 1A of our Annual Report on Form 10-K for the fiscal year ended January 1, 2012, which we strongly encourage you to review.

### **Item 3. Quantitative and Qualitative Disclosures About Market Risk.**

There were no substantial changes to our market risks in the six months ended July 1, 2012, when compared to the disclosures in Item 7A of our Annual Report on Form 10-K for the fiscal year ended January 1, 2012.

### **Item 4. Controls and Procedures.**

We design our internal controls to provide reasonable assurance that (1) our transactions are properly authorized; (2) our assets are safeguarded against unauthorized or improper use; and (3) our transactions are properly recorded and reported in conformity with U.S. generally accepted accounting principles. We also maintain internal controls and procedures to ensure that we comply with applicable laws and our established financial policies.

Based on management's evaluation (under the supervision and with the participation of our chief executive officer (CEO) and chief financial officer (CFO)), as of the end of the period covered by this report, our CEO and CFO concluded that our disclosure controls and procedures (as defined in Rules 13a-15(e) and 15d-15(e) under the Securities Exchange Act of 1934, as amended (the "Exchange Act")), are effective to provide reasonable assurance that information required to be disclosed by us in reports that we file or submit under the Exchange Act is recorded, processed, summarized, and reported within the time periods specified in SEC rules and forms, and is accumulated and communicated to management, including our principal executive officer and principal financial officer, as appropriate, to allow timely decisions regarding required disclosure.

During Q2 2012, there were no changes in our internal control over financial reporting (as defined in Rules 13a-15(f) and 15d-15(f) of the Exchange Act) that materially affected or are reasonably likely to materially affect internal control over financial reporting.

An evaluation was also performed under the supervision and with the participation of our management, including our chief executive officer and chief financial officer, of any change in our internal control over financial reporting that occurred during Q2 2012 and that has materially affected, or is reasonably likely to materially affect, our internal control over financial reporting. The evaluation did not identify any such change.

## **PART II — OTHER INFORMATION**

### **Item 1. Legal Proceedings.**

On February 28, 2012, a federal jury in Wilmington, Delaware, found that certain of the Company's sample preparation and cluster generation kits and products sold in the United States infringe U.S. Patent No. 6,107,023, owned by LadaTech LLC, a patent holding company. The parties have executed a settlement agreement resolving the litigation, which includes dismissal of the litigation with prejudice.

In connection with the unsolicited tender offer by Roche (see note "12. Unsolicited Tender Offer" in Part I, Item 1 of this Form 10-Q), the Company became involved in three stockholder class action lawsuits, with one case in the U.S. District Court for the Southern District of California, one case in the California Superior Court (County of San Diego), and one consolidated case in the Court of Chancery for the State of Delaware. Following termination of Roche's tender offer, the plaintiffs in the actions filed in California Superior Court (County of San Diego) and the Court of Chancery for the State of Delaware voluntarily dismissed the class action lawsuits.

The Company is also involved in various other lawsuits and claims arising in the ordinary course of business, including actions with respect to intellectual property, employment, and contractual matters. In connection with these matters, the Company assesses contingencies to determine the degree of probability and range of possible loss for potential accrual in its financial statements. An estimated loss contingency is accrued in the financial statements if it is probable that a liability has been incurred and the amount of the loss can be reasonably estimated.

During the three and six months ended July 1, 2012, the Company recorded incremental legal contingency loss accruals of \$0.8 million and \$3.0 million, respectively, in aggregate within cost of product revenue. Because litigation is inherently unpredictable and unfavorable resolutions could occur, assessing contingencies is highly subjective and requires judgments about future events. The Company regularly reviews contingencies to determine the adequacy of the accruals and related disclosures. However, the amount of ultimate loss may differ from these estimates. Because of the uncertainties related to the occurrence, amount, and range of loss on any pending litigation or claim, management is currently unable to predict their ultimate outcome, to determine whether a liability has been incurred, or, other than with respect to amounts already recorded, to make a meaningful estimate of the reasonably possible loss or range of loss that could result from an unfavorable outcome. The Company believes, however, that the liability, if any, resulting from the aggregate amount of losses for any outstanding litigation or claim will not have a material adverse effect on the Company's consolidated financial position, liquidity, or results of operations.

### Item 1A. Risk Factors.

Our business is subject to various risks, including those described in Item 1A of our Annual Report on Form 10-K for the fiscal year ended January 1, 2012, which we strongly encourage you to review. There have been no material changes from the risk factors disclosed in Item 1A of our Form 10-K.

### Item 2. Unregistered Sales of Equity Securities and Use of Proceeds.

#### Unregistered Sales of Equity Securities

None during the quarterly period ended July 1, 2012.

#### Issuer Purchases of Equity Securities

On April 18, 2012, the Company's Board of Directors authorized a \$250 million stock repurchase program to be effected via a combination of Rule 10b5-1 and discretionary share repurchase programs. The following table summarizes shares repurchased pursuant to these programs during the quarter ended July 1, 2012.

<u>Period</u>	<u>Total Number of Shares Purchased (1)</u>	<u>Average Price Paid per Share</u>	<u>Total Number of Shares Purchased as Part of Publicly Announced Programs</u>	<u>Approximate Dollar Value of Shares that May Yet Be Purchased Under the Programs</u>
April 30, 2012 - May 27, 2012	348,738	\$43.01	348,738	\$235,002,376
May 28, 2012 - July 1, 2012	446,162	39.19	446,162	217,518,873
Total	<u>794,900</u>	<u>\$40.86</u>	<u>794,900</u>	<u>\$217,518,873</u>

(1) All shares purchased during the three months ended July 1, 2012 were made in open-market transactions.

### Item 3. Defaults Upon Senior Securities.

None.

### Item 4. Mine Safety Disclosures.

Not applicable.

### Item 5. Other Information.

None.

**Item 6. Exhibits.**

<b>Exhibit Number</b>	<b>Description of Document</b>
31.1	Certification of Jay T. Flatley pursuant to Section 302 of the Sarbanes-Oxley Act of 2002.
31.2	Certification of Marc A. Stapley pursuant to Section 302 of the Sarbanes-Oxley Act of 2002.
32.1	Certification of Jay T. Flatley pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002.
32.2	Certification of Marc A. Stapley pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002.
101.INS	XBRL Instance Document
101.SCH	XBRL Taxonomy Extension Schema
101.CAL	XBRL Taxonomy Extension Calculation Linkbase
101.LAB	XBRL Taxonomy Extension Label Linkbase
101.PRE	XBRL Taxonomy Extension Presentation Linkbase
101.DEF	XBRL Taxonomy Extension Definition Linkbase



**SIGNATURES**

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

Illumina, Inc.  
(registrant)

Date: July 30, 2012

/s/ MARC A. STAPLEY

Marc A. Stapley  
Senior Vice President and Chief Financial Officer

**CERTIFICATION OF JAY T. FLATLEY PURSUANT TO SECTION 302 OF THE SARBANES-OXLEY ACT OF 2002**

I, Jay T. Flatley, certify that:

1. I have reviewed this Quarterly Report on Form 10-Q of Illumina, Inc.;
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
4. The registrant's other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
  - a) designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
  - b) designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
  - c) evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
  - d) disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
5. The registrant's other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):
  - a) all significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
  - b) any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Dated: July 30, 2012

/s/ JAY T. FLATLEY

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Jay T. Flatley  
President and Chief Executive Officer

**CERTIFICATION OF MARC A. STAPLEY PURSUANT TO SECTION 302 OF THE  
SARBANES-OXLEY ACT OF 2002**

I, Marc A. Stapley, certify that:

1. I have reviewed this Quarterly Report on Form 10-Q of Illumina, Inc.;
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
4. The registrant's other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
  - a) designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
  - b) designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
  - c) evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
  - d) disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
5. The registrant's other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):
  - a) all significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
  - b) any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Dated: July 30, 2012

/s/ MARC A. STAPLEY

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Marc A. Stapley

Senior Vice President and Chief Financial Officer

**CERTIFICATION OF JAY T. FLATLEY PURSUANT TO 18 U.S.C. SECTION  
1350, AS ADOPTED PURSUANT TO SECTION 906 OF THE SARBANES-  
OXLEY ACT OF 2002**

In connection with the Quarterly Report of Illumina, Inc. (the "Company") on Form 10-Q for the three months ended July 1, 2012, as filed with the Securities and Exchange Commission on the date hereof (the "Report"), I, Jay T. Flatley, Chief Executive Officer of the Company, certify, pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, that:

- (1) The Report fully complies with the requirements of Section 13(a) or 15(d) of the Securities Exchange Act of 1934; and
- (2) The information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Company.

Dated: July 30, 2012

By: /s/ JAY T. FLATLEY

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Jay T. Flatley  
President and Chief Executive Officer

This certification accompanying the Report is not deemed filed with the Securities and Exchange Commission for purposes of Section 18 of the Securities Exchange Act of 1934, as amended, or otherwise subject to the liabilities such Section, and is not to be incorporated by reference into any filing of the Company under the Securities Act of 1933, as amended, or the Securities Exchange Act of 1934, as amended (whether made before, on or after the date of the Report), irrespective of any general incorporation language contained in such filing.

**CERTIFICATION OF MARC A. STAPLEY PURSUANT TO 18 U.S.C.  
SECTION 1350, AS ADOPTED PURSUANT TO SECTION 906 OF THE  
SARBANES-OXLEY ACT OF 2002**

In connection with the Quarterly Report of Illumina, Inc. (the "Company") on Form 10-Q for the three months ended July 1, 2012, as filed with the Securities and Exchange Commission on the date hereof (the "Report"), I, Marc A. Stapley, Chief Financial Officer of the Company, certify, pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, that:

- (1) The Report fully complies with the requirements of Section 13(a) or 15(d) of the Securities Exchange Act of 1934; and
- (2) The information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Company.

Dated: July 30, 2012

By: /s/ MARC A. STAPLEY

Marc A. Stapley

Senior Vice President and Chief Financial Officer

This certification accompanying the Report is not deemed filed with the Securities and Exchange Commission for purposes of Section 18 of the Securities Exchange Act of 1934, as amended, or otherwise subject to the liabilities such Section, and is not to be incorporated by reference into any filing of the Company under the Securities Act of 1933, as amended, or the Securities Exchange Act of 1934, as amended (whether made before, on or after the date of the Report), irrespective of any general incorporation language contained in such filing.

