

DSP GROUP INC /DE/
Form 10-Q
May 10, 2012
Table of Contents

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 10-Q

(Mark One)

QUARTERLY REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the Quarterly Period Ended March 31, 2012 March 31, 2012

or

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 1-35256

DSP GROUP, INC.

(Exact name of registrant as specified in its charter)

Edgar Filing: DSP GROUP INC /DE/ - Form 10-Q

Delaware
(State or other jurisdiction of
incorporation or organization)
2580 North First Street, Suite 460
San Jose, California
(Address of Principal Executive Offices)
Registrant's telephone number, including area code: (408) 986-4300

94-2683643
(I.R.S. employer
identification number)
95131
(Zip 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 (§232.405 of this chapter) 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, or a non-accelerated filer. See definition of accelerated filer and large accelerated filer in Rule 12b-2 of the Exchange Act.

Large accelerated filer Accelerated filer Non-accelerated filer

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 May 4, 2012, there were 21,865,283 shares of Common Stock (\$.001 par value per share) outstanding.

Table of Contents

INDEX

DSP GROUP, INC.

	Page No.
<i>PART I. FINANCIAL INFORMATION</i>	
Item 1. <u>Financial Statements (Unaudited)</u>	2
<u>Condensed consolidated balance sheets March 31, 2012 and December 31, 2011</u>	2
<u>Condensed consolidated statements of income Three months ended March 31, 2012 and 2011</u>	4
<u>Condensed consolidated statements of cash flows Three months ended March 31, 2012 and 2011</u>	5
<u>Condensed consolidated statements of stockholders' equity Three months ended March 31, 2012 and 2011</u>	6
<u>Notes to condensed consolidated financial statements March 31, 2012</u>	7
Item 2. <u>Management's Discussion and Analysis of Financial Condition and Results of Operations</u>	16
Item 3. <u>Quantitative and Qualitative Disclosures About Market Risk</u>	25
Item 4. <u>Controls and Procedures</u>	25
<i>PART II. OTHER INFORMATION</i>	
Item 1. <u>Legal Proceedings</u>	25
Item 1A. <u>Risk Factors</u>	26
Item 2. <u>Unregistered Sales of Equity Securities and Use of Proceeds</u>	41
Item 6. <u>Exhibits</u>	42
<u>SIGNATURES</u>	43

Table of Contents**PART I. FINANCIAL INFORMATION****ITEM 1. FINANCIAL STATEMENTS****DSP GROUP, INC.****CONDENSED CONSOLIDATED BALANCE SHEETS**

(U.S. dollars in thousands, except share and per share data)

	March 31, 2012 Unaudited	December 31, 2011 Audited
ASSETS		
CURRENT ASSETS:		
Cash and cash equivalents	\$ 18,683	\$ 18,109
Restricted deposit	121	128
Marketable securities and short-term deposits	29,413	30,626
Trade receivables	26,966	25,643
Deferred income taxes	117	89
Other accounts receivable and prepaid expenses	4,461	5,343
Inventories	16,605	16,434
TOTAL CURRENT ASSETS	96,366	96,372
PROPERTY AND EQUIPMENT, NET	5,212	5,803
LONG-TERM ASSETS:		
Long-term marketable securities	65,751	69,046
Long-term prepaid expenses and lease deposits	390	466
Severance pay fund	10,693	9,974
Intangible assets, net	10,101	10,688
Goodwill	3,707	3,707
	90,642	93,881
TOTAL ASSETS	\$ 192,220	\$ 196,056

Note: The balance sheet at December 31, 2011 has been derived from the audited financial statements on that date.

See notes to condensed consolidated financial statements.

Table of Contents**DSP GROUP, INC.****CONDENSED CONSOLIDATED BALANCE SHEETS**

(U.S. dollars in thousands, except share and per share data)

	March 31, 2012 Unaudited	December 31, 2011 Audited
LIABILITIES AND STOCKHOLDERS EQUITY		
CURRENT LIABILITIES:		
Trade payables	\$ 18,778	\$ 17,989
Accrued compensation and benefits	6,860	8,236
Income tax accruals and payables	2,641	2,582
Accrued expenses and other accounts payable	6,951	7,555
Total current liabilities	35,230	36,362
LONG-TERM LIABILITIES:		
Accrued severance pay	11,037	10,278
Accrued pensions	856	792
Total long-term liabilities	11,893	11,070
COMMITMENTS AND CONTINGENCIES		
STOCKHOLDERS EQUITY:		
Capital stock:		
Preferred stock, \$ 0.001 par value		
Authorized shares: 5,000,000 at March 31, 2012 and December 31, 2011; Issued and outstanding shares: none at March 31, 2012 and December 31, 2011		
Common stock, \$ 0.001 par value		
Authorized shares: 50,000,000 shares at March 31, 2012 and December 31, 2011; Issued and outstanding shares: 22,042,043 and 22,501,644 shares at March 31, 2012 and December 31, 2011, respectively	22	23
Additional paid-in capital	342,838	341,352
Treasury stock	(124,315)	(122,236)
Accumulated other comprehensive loss	(76)	(1,756)
Accumulated deficit	(73,372)	(68,759)
Total stockholders equity	145,097	148,624
Total liabilities and stockholders equity	\$ 192,220	\$ 196,056

Note: The balance sheet at December 31, 2011 has been derived from the audited financial statements on that date.

See notes to condensed consolidated financial statements.

Table of Contents**DSP GROUP, INC.****CONDENSED CONSOLIDATED STATEMENTS OF INCOME (UNAUDITED)**

(U.S. dollars in thousands, except per share amounts)

	Three months ended March 31,	
	2012	2011
Revenues	\$ 43,504	\$ 48,776
Cost of revenues (1)	27,526	31,548
Gross profit	15,978	17,228
Operating expenses:		
Research and development (2)	11,976	14,190
Sales and marketing (3)	4,034	4,019
General and administrative (4)	3,028	3,070
Intangible assets amortization	593	2,196
Restructuring income		(590)
Total operating expenses	19,631	22,885
Operating loss	(3,653)	(5,657)
Financial income, net	480	469
Loss before taxes on income	(3,173)	(5,188)
Taxes on income (income tax benefit)	89	(624)
Net loss	\$ (3,262)	\$ (4,564)
Net loss per share:		
Basic and diluted	\$ (0.14)	\$ (0.19)
Comprehensive income (loss)	\$ 1,680	\$ (98)
Weighted average number of shares used in per share computations of net loss:		
Basic and diluted	22,550	23,439

- (1) Includes equity-based compensation expense in the amount of \$110 and \$132 for the three months ended March 31, 2012 and 2011, respectively.
- (2) Includes equity-based compensation expense in the amount of \$771 and \$882 for the three months ended March 31, 2012 and 2011, respectively.
- (3) Includes equity-based compensation expense in the amount of \$251 and \$306 for the three months ended March 31, 2012 and 2011, respectively.
- (4) Includes equity-based compensation expense in the amount of \$354 and \$519 for the three months ended March 31, 2012 and 2011, respectively.

See notes to condensed consolidated financial statements.

Table of Contents**DSP GROUP, INC.****CONDENSED CONSOLIDATED STATEMENTS OF CASH FLOWS (UNAUDITED)**

(U.S. dollars in thousands)

	Three Months Ended March 31,	
	2012	2011
Net cash used in operating activities	\$ (526)	\$ (354)
Investing activities		
Purchases of marketable securities	(8,627)	(18,639)
Purchases of deposits	(27)	(3,000)
Proceeds from maturity of marketable securities	5,930	15,640
Proceeds from maturity of deposits	3,000	10,000
Proceeds from sales of marketable securities	5,068	959
Purchases of property and equipment	(281)	(765)
Net cash provided by investing activities	5,063	4,195
Financial activities		
Purchase of treasury stock	(3,968)	(1,030)
Issuance of common stock and treasury stock for cash upon exercise of options and stock appreciation rights		172
Net cash used in financing activities	(3,968)	(858)
Increase in cash and cash equivalents	\$ 569	\$ 2,983
Cash erosion due to exchange rate differences	5	(60)
Cash and cash equivalents at the beginning of the period	\$ 18,109	\$ 33,912
Cash and cash equivalents at the end of the period	\$ 18,683	\$ 36,835

See notes to condensed consolidated financial statements.

Table of Contents**DSP GROUP, INC.****CONDENSED STATEMENTS OF STOCKHOLDERS EQUITY****(UNAUDITED)****(U.S. dollars in thousands)**

	Number of Common Stock	Common Stock	Additional Paid-In Capital	Treasury Stock	Accumulated deficit	Other Comprehensive Income (Loss)	Total Stockholders Equity
Three Months Ended							
March 31, 2011							
Balance at December 31, 2010	23,253	\$ 23	\$ 335,132	\$(119,280)	\$ (49,127)	\$ 355	\$ 167,103
Net loss					(4,564)		(4,564)
Change in unrealized gain from hedging activities, net						12	12
Change in unrealized gain (loss) from marketable securities, net						(192)	(192)
Change in realized loss from pensions, net						37	37
Change in foreign currency translation adjustments, net						45	45
Purchase of treasury stock	(130)	*)		(1,030)			(1,030)
Issuance of treasury stock upon purchase of common stock under employee stock purchase plan	214	*)		2,278	(1,258)		1,020
Issuance of treasury stock upon exercise of stock options and stock appreciation rights by employees	51	*)		539	(367)		172
Equity-based compensation			1,839				1,839
Balance at March 31, 2011	23,388	\$ 23	\$ 336,971	\$(117,493)	\$ (55,316)	\$ 257	\$ 164,442
Three Months Ended March 31, 2012							
Balance at December 31, 2011	22,502	\$ 23	\$ 341,352	\$(122,236)	\$ (68,759)	\$ (1,756)	\$ 148,624
Net loss					(3,262)		(3,262)
Change in unrealized loss from hedging activities, net						562	562
Change in unrealized loss from marketable securities, net						1,096	1,096
Change in foreign currency translation adjustments, net						22	22
Purchase of treasury stock	(691)	(1)		(4,442)			(4,443)
Issuance of treasury stock upon purchase of common stock under employee stock purchase plan	228	*)		2,331	(1,319)		1,012
Issuance of treasury stock upon exercise of stock options and stock appreciation rights by employees	3	*)		32	(32)		
Equity-based compensation			1,486				1,486
Balance at March 31, 2012	22,042	\$ 22	\$ 342,838	\$(124,315)	\$ (73,372)	\$ (76)	\$ 145,097

(*) Represents an amount lower than \$1.

See notes to condensed consolidated financial statements.

Table of Contents**DSP GROUP, INC.****NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS****March 31, 2012****(UNAUDITED)****(U.S. dollars in thousands, except share and per share data)****NOTE A BASIS OF PRESENTATION AND SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES**

The accompanying unaudited condensed consolidated financial statements have been prepared in accordance with generally accepted accounting principles in the United States for interim financial information and with 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 generally accepted accounting principles for complete financial statements. In the opinion of management, all adjustments (consisting only of normal recurring accruals) considered necessary for a fair presentation have been included. Operating results for the three months ended March 31, 2012 are not necessarily indicative of the results that may be expected for the year ending December 31, 2012. For further information, reference is made to the consolidated financial statements and footnotes thereto included in the Annual Report on Form 10-K of DSP Group, Inc. (the Company) for the year ended December 31, 2011.

NOTE B INVENTORIES

Inventories are stated at the lower of cost or market value. The Company periodically evaluates the quantities on hand relative to current and historical selling prices, and historical and projected sales volume. Based on these evaluations, provisions are made in each period to write inventory down to its net realizable value. Inventories are composed of the following:

	March 31, 2012	December 31, 2011
	(Unaudited)	(Audited)
Work-in-process	\$ 8,692	\$ 8,096
Finished goods (*)	7,913	8,338
	\$ 16,605	\$ 16,434

(*) Finished goods inventory includes \$178 and \$368 of inventory held on consignment by other parties as of March 31, 2012 and December 31, 2011, respectively.

Inventory write-off amounted to \$51 and \$252 for the three months ended March 31, 2012 and 2011, respectively.

NOTE C NET LOSS PER SHARE

Basic net loss per share is computed based on the weighted average number of shares of common stock outstanding during the period. For the same periods, diluted net loss per share further include the effect of dilutive stock options and stock appreciation rights outstanding during the period, all in accordance with Financial Accounting Standards Board (FASB) Accounting Standards Codification (ASC) No. 260 Earnings per Share. The following table sets forth the computation of basic and diluted net loss per share:

Three months ended March 31,	
2012	2011

Edgar Filing: DSP GROUP INC /DE/ - Form 10-Q

Net loss	\$ (3,262)	\$ (4,564)
Loss per share:		
Basic	\$ (0.14)	\$ (0.19)
Diluted	\$ (0.14)	\$ (0.19)
Weighted average number of shares of common stock outstanding during the period used to compute basic net loss per share (in thousands)	22,550	23,439
Incremental shares attributable to exercise of outstanding options (assuming proceeds would be used to purchase treasury stock) (in thousands)		
Weighted average number of shares of common stock used to compute diluted net loss per share (in thousands)	22,550	23,439

Table of Contents**NOTE D MARKETABLE SECURITIES AND TIME DEPOSITS**

The Company accounts for investments in marketable securities in accordance with FASB ASC No.320-10 Investments in Debt and Equity Securities. Management determines the appropriate classification of its investments in government and corporate marketable debt securities at the time of purchase and reevaluates such determinations at each balance sheet date.

The Company classifies marketable securities as available-for-sale. Available-for-sale securities are carried at fair value, with the unrealized gains and losses, net of taxes, reported in other comprehensive income. The amortized cost of marketable securities is adjusted for amortization of premiums and accretion of discounts to maturity. Such amortization and interest are included in financial income, net. Interest and dividends on securities are included in financial income, net. The following is a summary of available-for-sale securities at March 31, 2012 and December 31, 2011:

	Amortized cost		Unrealized gains (losses), net		Fair value	
	March 31, 2012	December 31, 2011	March 31, 2012	December 31, 2011	March 31, 2012	December 31, 2011
	(Unaudited)	(Audited)	(Unaudited)	(Audited)	(Unaudited)	(Audited)
Short term deposits	\$ 12,920	\$ 15,803	\$	\$	\$ 12,920	\$ 15,803
U.S. GSE securities	9,245	10,725	(35)	(29)	9,210	10,696
Corporate obligations	72,933	74,173	101	(1,000)	73,034	73,173
	\$ 95,098	\$ 100,701	\$ 66	\$ (1,029)	\$ 95,164	\$ 99,672

The amortized cost of marketable debt securities and time deposits at March 31, 2012, by contractual maturities, is shown below:

	Amortized cost	Unrealized gains (losses)		Fair value
		Gains	Losses	
Due in one year or less	\$ 29,353	\$ 61	\$ (1)	\$ 29,413
Due after one year to six years	65,745	550	(544)	65,751
	\$ 95,098	\$ 611	\$ (545)	\$ 95,164

Table of Contents

The actual maturity dates may differ from the contractual maturities because debtors may have the right to call or prepay obligations without penalties.

As of March 31, 2012, the unrealized losses in the Company's investments in all types of marketable securities were temporary and no impairment loss was realized in the Company's condensed consolidated statement of income.

The total fair value of marketable securities with outstanding unrealized losses as of March 31, 2012 amounted to \$20,033. Of the unrealized losses outstanding as of March 31, 2012, the entire amount of \$545 was outstanding for less than 12 months.

Proceeds from maturity of available-for-sale marketable securities during the three months ended March 31, 2012 and 2011 were \$5,930 and \$15,640, respectively. Proceeds from sales of available-for-sale marketable securities during the three months ended March 31, 2012 and 2011 were \$5,068 and \$959, respectively. Net realized gains from the sale of available-for-sale securities for the three months ended March 31, 2012 and 2011 were \$71 and \$45, respectively. The Company determines realized gains or losses on the sale of marketable securities based on a specific identification method.

Marketable securities are periodically reviewed for impairment. If management concludes that any marketable security is impaired, management determines whether such impairment is other-than-temporary. Factors considered in making such a determination include the duration and severity of the impairment, the reason for the decline in value and the potential recovery period, and the Company's intent to sell, or whether it is more likely than not that the Company will be required to sell the marketable security before recovery of cost basis. If any impairment is considered other-than-temporary, the marketable security is written down to its fair value through a corresponding charge to financial income, net.

NOTE E TAXES ON INCOME

The effective tax rate used in computing the provision for income taxes is based on projected fiscal year income before taxes, including estimated income by tax jurisdiction. Tax provision for the three months ended March 31, 2012 and 2011 does not include tax benefits associated with equity-based compensation expenses. As of March 31, 2012 and December 31, 2011, the Company did not record any significant changes to its deferred tax assets due to its current estimation of future taxable income.

The total amount of net unrecognized tax benefits was \$1,115 at both March 31, 2012 and December 31, 2011. The Company accrues interest and penalties, relating to unrecognized tax benefits, in its provision for income taxes. At both March 31, 2012 and December 31, 2011, the Company had accrued interest and penalties relating to unrecognized tax benefits of \$276.

NOTE F SIGNIFICANT CUSTOMERS

The Company sells its products primarily through distributors and directly to original equipment manufacturers (OEMs) and original design manufacturers (ODMs) who incorporate the Company's products into consumer products. The Company's future performance will depend, in part, on the continued success of its distributors in marketing and selling its products. The loss of the Company's distributors and the Company's inability to obtain satisfactory replacements in a timely manner may harm the Company's sales and results of operations. In addition, the Company expects that a limited number of customers, varying in identity from period-to-period, will account for a substantial portion of its revenues in any period. The loss of, or reduced demand for products from, any of the Company's major customers could have a material adverse effect on the Company's business, financial condition and results of operations.

Table of Contents

Sales to VTech Holdings Ltd. represented 34% and 32% of the Company's total revenues for the three months ended March 31, 2012 and 2011, respectively. Sales to Uniden America Corporation represented 16% and 12% of the Company's total revenues for the three months ended March 31, 2012 and 2011, respectively. Sales to CCT Telecom Holdings Ltd represented 6% and 12% of the Company's total revenues for the three months ended March 31, 2012 and 2011, respectively.

Revenues derived from sales through one distributor, Tomen Electronics Corporation (Tomen Electronics), accounted for 20% and 18% of the Company's total revenues for the three months ended March 31, 2012 and 2011, respectively. The Japanese market and the OEMs that operate in that market are among the largest suppliers in the world with significant market share in the U.S. market for residential wireless products. Tomen Electronics sells the Company's products to a limited number of customers. One customer, Panasonic Communications Co., Ltd. (Panasonic), has continually accounted for a majority of the sales of Tomen Electronics. Sales to Panasonic through Tomen Electronics generated approximately 14% and 12% of the Company's total revenues for the three months ended March 31, 2012 and 2011, respectively.

NOTE G DERIVATIVE INSTRUMENTS

The Company accounts for derivative instruments in accordance with FASB. ASC No. 815 Derivatives and Hedging (ASC 815). Due to the Company's global operations, it is exposed to foreign currency exchange rate fluctuations in the normal course of its business. The Company's treasury policy allows it to offset the risks associated with the effects of certain foreign currency exposures through the purchase of foreign exchange forward contracts and put options (collectively, hedging contracts). The policy, however, prohibits the Company from speculating on hedging contracts for profit.

To protect against the increase in value of forecasted foreign currency cash flows resulting from salary and lease payments of its Israeli facilities denominated in the Israeli currency, the New Israeli Shekels (NIS), during the year, the Company instituted a foreign currency cash flow hedging program. The Company hedges portions of the anticipated payroll and lease payments denominated in NIS for a period of one to twelve months with hedging contracts. Accordingly, when the dollar strengthens against the foreign currencies, the decline in present value of future foreign currency expenses is offset by losses in the fair value of the hedging contracts. Conversely, when the dollar weakens, the increase in the present value of future foreign currency cash flows is offset by gains in the fair value of the hedging contracts. These hedging contracts are designated as cash flow hedges, as defined by ASC 815 and are all effective hedges of these expenses.

In accordance with ASC 815, for derivative instruments that are designated and qualify as a cash flow hedge (i.e. hedging the exposure to variability in expected future cash flows that is attributable to a particular risk), the effective portion of the gain or loss on the derivative instrument is reported as a component of other comprehensive income and reclassified into earnings in the same period or periods during which the hedged transaction affects earnings. Any gain or loss on a derivative instrument in excess of the cumulative change in the present value of future cash flows of the hedged item is recognized in current earnings during the period of change. As of March 31, 2012, the Company had outstanding foreign exchange forward contracts in the amount of \$2,450 and outstanding put options contracts in the amount of \$14,050. These hedging contracts do not contain any credit-risk-related contingency features. See Note K for information on the fair value of these hedging contracts.

The fair value of derivative assets and derivative liabilities were \$223 and \$138, respectively, at March 31, 2012. The Company recorded a net amount of \$85 in other accounts receivable and prepaid expenses in the condensed consolidated balance sheets at March 31, 2012.

The amount recorded as an expense in research and development expenses, sales and marketing expenses and general and administrative expenses in the condensed consolidated statements of income for the quarter ended March 31, 2012 that resulted from the above referenced hedging transactions was \$30, \$5 and \$4, respectively.

Table of Contents

The fair value of the outstanding derivative instruments at March 31, 2012 and December 31, 2011 is summarized below:

	Balance Sheet Location	Fair Value of Derivative Instruments	
		As of March 31, 2012	As of December 31, 2011
Derivative Assets			
Foreign exchange forward contracts and put options	Other accounts receivable and prepaid expenses (*)	85	
	Accrued expenses and other accounts payable (*)		(476)
Total		\$ 85	\$ (476)

*) Estimated to be reclassified into earnings during 2012.

The effect of derivative instruments in cash flow hedging transactions on income and other comprehensive income (OCI) for the three months ended March 31, 2012 and 2011 is summarized below:

	Gains on Derivatives Recognized in OCI for the three months ended March 31,	
	2012	2011
Foreign exchange forward and put options contracts	\$ 523	\$ 283

	Location	Gains (losses) on Derivatives Reclassified from OCI into Income for the three months ended March 31,	
		2012	2011
Foreign exchange forward and put options contracts	Operating expenses	\$ (39)	\$ 271

NOTE H CONTINGENCIES

From time to time, the Company may become involved in litigation relating to claims arising from its ordinary course of business. Also, as is typical in the semiconductor industry, the Company has been and may from time to time be notified of claims that the Company may be infringing patents or intellectual property rights owned by third parties. The Company currently believes that there are no claims or actions pending or threatened against it, the ultimate disposition of which would have a material adverse effect on the Company.

Table of Contents**NOTE I EQUITY-BASED COMPENSATION****Grants for the Three Months Ended March 31, 2012 and March 31, 2011:**

The weighted average estimated fair value of employee stock options and share appreciation rights (SAR) granted during the three months ended March 31, 2012 and 2011 was \$2.36 and \$3.26 per share, respectively, using the binomial model, with the following weighted average assumptions (annualized percentages):

	Three months ended March 31, 2012	Three months ended March 31, 2011
Volatility	48.30%	54.76%
Risk-free interest rate	2.24%	2.24%
Dividend yield	0%	0%
Pre-vest cancellation rate	3.62%	3.34%
Post-vest cancellation rate	2.69%	2.14%
Suboptimal exercise factor	1.57	1.59

The expected life of employee stock options and SARs is impacted by all of the underlying assumptions used in the Company's model. The binomial model assumes that employees' exercise behavior is a function of the remaining contractual life of the stock option or SAR and the extent to which the stock option or SAR is in-the-money (*i.e.*, the average stock price during the period is above the exercise price of the stock option or SAR). The binomial model estimates the probability of exercise as a function of these two variables based on the history of exercises and cancellations of past option and SAR grants made by the Company. The expected life for options and SARs granted during the three months ended March 31, 2012 and 2011 derived from the binomial model was 4.14 for both periods.

Employee Stock Benefit Plans

As of March 31, 2012, the Company had three equity incentive plans and one employee stock purchase plan. As of March 31, 2012, approximately 307,000 shares of common stock remain available for grant under the Company's employee stock purchase plan and approximately 3,051,044 shares of common stock remain available for grant under the Company's equity incentive plans.

The table below presents a summary of information relating to the Company's stock option and SAR grants pursuant to its equity incentive plans:

	Number of Options/SAR Units in thousands	Weighted Average Exercise Price	Weighted Average Remaining Contractual Term (years)	Aggregate Value (*) in thousands
Outstanding at January 1, 2012	10,564	\$ 12.22		
Options granted	250	\$ 5.59		
SAR units granted (1)	1,100	\$ 6.16		
Options / SAR units cancelled/forfeited/expired	(333)	\$ 13.27		
Options / SAR units exercised	(48)	\$ 5.97		
Outstanding at March 31, 2012 (2)	11,533	\$ 11.49	3.75	2,216
Exercisable at March 31, 2012 (3)	7,972	\$ 13.62	2.77	1,077

Table of Contents

- (*) Calculation of aggregate intrinsic value is based on the share price of the Company's common stock on March 31, 2012 (\$6.66 per share).
- (1) The SAR units in the above table, which were granted subsequent to January 1, 2012, are convertible for a maximum number of shares of the Company's common stock equal to 50% of the SAR units subject to the grant.
- (2) Due to the ceiling imposed on the SAR grants, the outstanding amount above can be exercised for a maximum of 7,979 shares of the Company's common stock as of March 31, 2012. SAR grants made prior to January 1, 2009 are convertible for a maximum number of shares of the Company's common stock equal to 50% of the SAR units subject to the grant. SAR grants made on or after January 1, 2009 and before January 1, 2010 are convertible for a maximum number of shares of the Company's common stock equal to 75% of the SAR units subject to the grant. SAR grants made on or after January 1, 2010 and before January 1, 2012 are convertible for a maximum number of shares of the Company's common stock equal to 66.67% of the SAR units subject to the grant. SAR grants made on or after January 1, 2012 are convertible for a maximum number of shares of the Company's common stock equal to 50% of the SAR units subject to the grant.
- (3) Due to the ceiling imposed on the SAR grants, the exercisable amount above can be exercised for a maximum of 5,547 shares of the Company's common stock as of March 31, 2012.

Additional information about stock options and SAR units outstanding and exercisable at March 31, 2012 with exercise prices above \$6.66 per share (the closing price of the Company's common stock on March 31, 2012) is as follows:

	Exercisable		Unexercisable		Total	
	Number of Options/ SAR Units (in thousands)	Weighted Average Exercise Price	Number of Options/ SAR Units (in thousands)	Weighted Average Exercise Price	Number of Options/ SAR Units (in thousands)	Weighted Average Exercise Price
<u>Exercise Prices</u>						
Above \$6.66	6,440	\$ 15.44	1,758	\$ 7.44	8,198	\$ 13.73
Less than \$6.66	1,532	\$ 5.96	1,803	\$ 6.03	3,335	\$ 6.00
Total	7,972	\$ 13.62	3,561	\$ 6.73	11,533	\$ 11.49

The Company's aggregate equity-based compensation expense for the three months ended March 31, 2012 and 2011 totaled \$1,486 and \$1,839, respectively. The Company did not recognize any income tax benefit relating to the Company's equity-based compensation expense for the three months ended March 31, 2012 and 2011.

As of March 31, 2012, there was \$5,985 of total unrecognized equity-based compensation expense related to unvested equity-based compensation awards granted under the Company's equity incentive plans. This amount is expected to be recognized during the period from 2012 through 2016.

Table of Contents**NOTE J PENSION LIABILITY**

The information in this note represents the net periodic pension and post-retirement benefit costs and related components in accordance with FASB ASC No. 715 Employers Disclosures about Pensions and Other Post-retirement Benefits. The components of net pension and post-retirement periodic benefit cost (income) for the quarter ended March 31, 2012 and 2011 are as follows:

	March 31, 2012	March 31, 2011
Components of net periodic benefit cost		
Service cost and amortization of loss	\$ 45	\$ 96
Interest cost	12	30
Expected return on plan assets	(1)	(28)
Curtailment gain (1)		(660)
Net periodic benefit cost (income)	\$ 56	\$ (562)

- (1) The curtailment gain is derived from the closure of the Swiss facilities and the termination of employment of the employees of the Company's Swiss subsidiary, which resulted in a curtailment and settlement of the Swiss pension plan. The net pension liability as of March 31, 2012 amounted to \$856.

NOTE K FAIR VALUE MEASUREMENTS**Assets and Liabilities Measured at Fair Value on a Recurring Basis:**

The Company measures its cash equivalents, short-term deposits, marketable securities and foreign currency derivative contracts at fair value. Cash equivalents, short-term deposits and marketable securities are classified within Level 1 or Level 2 value hierarchies as they are valued using quoted market prices or alternative pricing sources and models utilizing market observable inputs. Foreign currency derivative contracts are classified within Level 2 value hierarchy as the valuation inputs are based on quoted prices and market observable data of similar instruments.

The following table provides information by value level for assets and liabilities that are measured at fair value on a recurring basis as of March 31, 2012.

Description	Balance as of March 31, 2012	Fair Value Measurements		
		Level 1	Level 2	Level 3
Assets:				
Cash equivalents:				
Time deposits	\$ 2,353		\$ 2,353	
Money market mutual funds	\$ 1,535	\$ 1,535		
Short-term marketable securities and cash deposits:				
Time deposits	\$ 12,920		\$ 12,920	
U.S. GSE securities	\$ 262		\$ 262	
Corporate debt securities	\$ 16,231		\$ 16,231	
Long-term marketable securities:				
U.S. GSE securities	\$ 8,948		\$ 8,948	
Corporate debt securities	\$ 56,803		\$ 56,803	
Derivative assets	\$ 85		\$ 85	

Table of Contents

The following table provides information by value level for assets and liabilities that are measured at fair value on a recurring basis as of December 31, 2011.

Description	Balance as of December 31, 2011	Fair Value Measurements		
		Level 1	Level 2	Level 3
Assets:				
Cash equivalents:				
Time deposits	\$ 1,137		\$ 1,137	
Money market mutual funds	\$ 2,934	\$ 2,934		
Short-term marketable securities and time deposits:				
U.S. GSE securities	\$ 563		\$ 563	
Corporate debt securities	\$ 14,260		\$ 14,260	
Time deposits	\$ 15,803		\$ 15,803	
Long-term marketable securities:				
U.S. GSE securities	\$ 10,133		\$ 10,133	
Corporate debt securities	\$ 58,913		\$ 58,913	
Derivative liabilities	\$ (476)		\$ (476)	

In addition to the assets and liabilities described above, the Company's financial instruments also include cash and cash equivalents, restricted and short-term deposits, trade receivables, other accounts receivable, trade payables, accrued expenses and other payables. The fair value of these financial instruments was not materially different from their carrying values at March 31, 2012 due to the short-term maturity of these instruments.

NOTE L STOCKHOLDERS' EQUITY

During the first quarter of 2012, the Company repurchased 691,000 shares of common stock at an average purchase price of \$6.43 per share for an aggregate purchase price of \$4,442 of which only \$3,968 was paid in cash as of March 31, 2012, representing a total of 619,000 shares. As of March 31, 2012, approximately 900,123 shares of common stock remained authorized for repurchase under the Company's board-authorized share repurchase program.

Repurchases of common stock are accounted for as treasury stock, and result in a reduction of stockholders' equity. When treasury shares are reissued, the Company accounts for the reissuance in accordance with Accounting Principles Board Opinion No. 6, Status of Accounting Research Bulletins and charges the excess of the repurchase cost over issuance price using the weighted average method to accumulated deficit. In the case where the repurchase cost over issuance price using the weighted average method is lower than the issuance price, the Company credits the difference to additional paid-in capital.

During the first three months of 2012, the Company issued approximately 231,000 shares of common stock out of treasury stock to employees who exercised their stock options or stock appreciation rights or purchased shares from the Company's 1993 Employee Stock Purchase Plan.

Table of Contents

NOTE M RESTRUCTURING COSTS AND OTHER

During the third quarter of 2011, as part of the Company's plan to improve operating efficiencies and reduce its operating expenses for fiscal year 2012, it restructured its U.S. operations. As part of this restructuring plan, the Company executed termination agreements with certain of its U.S. employees and renegotiated the lease for its U.S. facilities. In 2011, the Company recorded an expense in the amount of \$419, consisting of employee severance costs and lease agreement termination.

As of March 31, 2012, \$375 of restructuring payments were paid in connection with the above restructuring plan. The Company anticipates that the remaining accrued restructuring balance of \$44 will be paid out in cash throughout fiscal year 2012.

In 2012, the remaining restructuring expenses related to the above restructuring plan were included in research and development expenses due to the immateriality of such expenses.

During the first quarter of 2011, the Company recorded total income of \$590 in connection with the restructuring plan implemented in the third quarter of 2010. The income resulted mainly from the closure of the Company's Swiss facilities and the termination of employment of the employees of its Swiss subsidiary, which resulted in a curtailment and settlement of the Swiss pension plan during the first quarter of 2011.

NOTE N NEW ACCOUNTING PRONOUNCEMENTS

In June 2011, Financial Accounting Standards Board (FASB) issued Accounting Standards Update (ASU) 2011-05, Presentation of Comprehensive Income, which requires companies to present reclassification adjustments and the effect of those reclassification adjustments. This guidance is effective for interim and annual periods beginning after December 15, 2011. The Company implemented this guidance in its statements of income for the first quarter of 2012.

In September 2011, FASB issued ASU 2011-08, Intangibles Goodwill and Other, which permits an entity to first assess qualitative factors to determine whether it is more likely than not that the fair value of a reporting unit is less than its carrying amount as a basis for determining whether it is necessary to perform the two-step goodwill impairment test described in Topic 350. The more-likely-than-not threshold is defined as having a likelihood of more than 50 percent. This guidance is effective for interim and annual periods beginning after December 15, 2011. The Company adopted the guidance during the first quarter of 2012 but it does not believe the adoption of this guidance has a material impact on its consolidated financial statements.

ITEM 2. MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS

This report and certain information incorporated herein by reference contain forward-looking statements, which are provided under the safe harbor protection of the Private Securities Litigation Reform Act of 1995. All statements included or incorporated by reference in this report, other than statements that are purely historical in nature, are forward-looking statements. Forward-looking statements are generally written in the future tense and/or are preceded by words such as will, may, should, could, expect, suggest, believe, anticipate, intend, plan, or other similar words. Forward-looking statements include statements regarding:

Our belief that sales of our DECT and 2.4GHz products will continue to represent a substantial percentage of our revenues for the rest of 2012;

Our belief that the rapid deployment of new communication access methods, as well as the decline in fixed-line telephony, will reduce our total revenues derived from, and unit sales of, cordless telephony products, including our DECT and 2.4GHz products, for the long term;

Our belief that the market will remain price sensitive for the rest of 2012 and that price erosion and the decrease in our average selling prices of our products will continue;

Edgar Filing: DSP GROUP INC /DE/ - Form 10-Q

Our belief that annualized revenues generated from our next generation products to increase significantly in 2012 as compared to 2011;

Our belief that the shift in focus to help our customers in bringing into production end-products based on our XpandR platform will enable us to meet customers' expectations and help us realize revenues faster from projects which are in advanced stages of development and target launch dates for end-products based on our XpandR platform in the second and third quarters of 2012;

Our belief that the shift in focus relating to the XpandR platform will result in a \$4 million decrease in our operating expenses for 2012;

Table of Contents

Our belief that the challenges associated with the European and Korea markets would negatively impact our revenues for the first half of 2012 and result in greater operating losses for the first half of 2012;

Our belief that revenues from the second half of 2012 will be higher than the first half of 2012;

Our focus on generating positive operating cash flows in 2012 and implementing additional cost cutting measures whenever necessary to ensure we achieve this objective;

Our belief that international sales will continue to account for a significant portion of our net product sales for the foreseeable future; and

Our belief that our available cash and cash equivalents at March 31, 2012 should be sufficient to finance our operations for both the short and long term.

All forward-looking statements included in this Quarterly Report on Form 10-Q are made as of the date hereof, based on information available to us as of the date hereof, and we assume no obligation to update any forward-looking statement. Many factors may cause actual results to differ materially from those expressed or implied by the forward-looking statements contained in this report. These factors include, but are not limited to, our dependence on one primary distributor, our OEM relationships and competition, as well as those risks described in Part II Item 1A Risk Factors of this Form 10-Q.

Overview

The following discussion and analysis is intended to provide investors with a narrative of our financial results and an evaluation of our financial condition and results of operations. The discussion should be read in conjunction with our condensed consolidated financial statements and notes thereto.

Business Overview

DSP Group is a leading global provider of wireless chipset solutions for converged communications at home, delivering system solutions that combine semiconductors and software with reference designs. We provide a broad portfolio of wireless chipsets integrating DECT, Wi-Fi, PSTN and VoIP technologies with state-of-the-art application processors. We also enable converged voice, audio, video and data connectivity across diverse consumer products from cordless and VoIP phones to home gateways and connected multimedia screens. Our current primary focus is digital cordless telephony with sales of our in-house developed DECT, CoIP, 2.4GHz and 5.8GHz chipsets representing approximately 94% of our total revenues for the first quarter of 2012.

Our revenues were \$43.5 million for the first three months of 2012, a decrease of 11% in comparison to the same period of 2011. The decrease in our revenues for the first quarter of 2012, in comparison to the same period of 2011, was mainly due to a decrease in sales of DECT products for the European market. Revenues derived from the sale of DECT products represented 81% of our total revenues for the first three months of 2012, as compared to 82% of our total revenues for the first three months of 2011. Our gross margin increased to 36.7% of our total revenues for the three months of 2012 from 35.3% for the first three months of 2011, primarily due to (i) a decrease in the provision for slow or obsolete inventories, (ii) an improvement in the production yield of certain of our products and (iii) a decrease in certain production costs such as gold due to the replacement of gold with copper in certain of our products. Our operating loss decreased to \$3.7 million for the first quarter of 2012, as compared to \$5.7 million for the first quarter of 2011, mainly as a result of a decrease in research and development expenses and a decrease in amortization of intangible assets expenses, offset to some extent by a decrease in our revenues for the first quarter of 2012 as compared to 2011.

Nonetheless, our business operates in a highly competitive environment. Competition has historically increased pricing pressures for our products and decreased our average selling prices, and we believe this trend will continue. As a result, we expect the market to remain price sensitive and expect price erosion to continue. Various other factors, including increases in the cost of raw materials and commodities and our suppliers passing such increases onto us, increases in silicon wafer costs and increases in production, assembly and testing costs, and shortage of capacity to fulfill

Table of Contents

our fabrication, assembly and testing needs, all may decrease our gross profit and could harm our ability to grow our revenues in future periods. Moreover, the continued uncertainty about the sustainability of the global economic recovery and outlook has resulted in accelerated erosion of prices, longer product cycles and decision-making processes at our customers' organizations, and general adverse business conditions.

In addition to general market competitiveness and weakness in consumer demands, the cordless telephony market, from which we derive most of our revenues, is undergoing a challenging period of transition. With the rapid deployment of new communication access methods, including mobile, wireless broadband, cable and other connectivity, the traditional cordless telephony market using fixed-line telephony is declining, which may reduce our revenues derived from, and unit sales of, cordless telephony products. Furthermore, our business also may be significantly affected by the outcome of the competition between cellular phone operators and fixed-line operators for the provision of residential communication. A significant majority of our revenues are currently generated from sales of chipsets used in cordless phones that are based on fixed-line telephony. If we are unable to develop new technologies to address alternative connectivity methods, our business could be materially adversely affected.

In response to market trends, we have concentrated our development efforts on new products, also referred to as next generation products, and opportunities to leverage our strong technology base and customer relationships to address evolving market opportunities and take advantage of the current market trends in our domain. Our next generation products include three main groups of products: (i) DECT/CAT-iq ICs targeted for residential gateway devices supplied by telecommunication service providers and which integrate the DECT/CAT-iq functionality and address the newly evolving market of smart home phones and home automation applications; (ii) VoIP products for enterprise, home and SoHo; and (iii) products for the mobile market in the form of fixed-mobile convergence solutions and products targeted for mobile headsets.

We are seeing strong evidence that our past research and development investments in new technologies are beginning to materialize. We have achieved a number of design wins for these new products, including multimedia products based on our XpandR-III platform, and commercial shipments for some products have begun with more shipments to occur during the rest of 2012. Based on a strong pipeline of design wins, our current mix of next generation products and anticipated commercialization schedules of customers incorporating our next generation products, we anticipate annualized revenues generated from our next generation products to increase significantly in 2012 as compared to 2011. In order to better support our leading customers and effectively leverage our investment in the XpandR platform, we have recently shifted our focus from the development of future generations of products based on XpandR and will now focus our efforts on supporting our customers in bringing into production end-products based on our XpandR platform. We believe this transition will enable us to meet customers' expectations and help us realize revenues faster from projects which are in advanced stages of development and target launch dates for end-products based on our XpandR platform in the second and third quarters of this year. This shift in focus is expected to significantly reduce our expenses and as such we expect a \$4 million decrease in our operating expenses for 2012.

However, we can provide no assurances about our success in introducing new products and penetrating new markets, as well as predictions about market trends. Although next-generation products targeted at the convergence of voice, audio, video and data connectivity and at enterprise VoIP solutions are gradually being introduced into the market, market adoption of such products is at early stages. Although we have achieved a number of design wins with top-tier OEMs for next-generation products, revenue generated from the commercialization of new products is a measured process as there is generally a long lead time from a design win to commercialization. From initial product design win to volume production, many factors could impact the timing and/or amount of sales actually realized from the design win. The introduction of next-generation productions also may lead to price erosion of older products. As a result, we expect the market to remain price sensitive for the rest of 2012 for our traditional cordless telephony products and expect that price erosion and the decrease in the average selling prices of such products to continue, both of which would negatively affect our revenues and gross margins for 2012.

Table of Contents

Furthermore, in the short term, mainly the second quarter of 2012, we are observing a slower than anticipated recovery in two main end markets, Europe and Korea. In Europe, the economic recovery is lagging and the consumer electronics market continues to face difficulties amid ongoing macroeconomic concerns, exacerbated by the ongoing debt crisis. This has resulted in softer demand from our original design manufacturer (ODM) and original equipment manufacturer customers for products targeting the European markets. This includes lower demand for European models of cordless telephony products from most of our customers and a reduction in demand for home gateways/fixed-mobile convergence (FMC) products for Europe by one Chinese ODM customer. In Korea, which for us is mainly a service provider driven market rather than a retail driven market, we are seeing a reduction in incentives, in the form of promotions or subsidies for customer premises equipments (CPEs) and terminals offered by service providers to consumers. This has resulted in a lower demand for cordless phones, Wi-Fi phones and home gateways. We anticipate that the challenges associated with the European and Korea markets would negatively impact our revenues for the first half of 2012 and result in greater operating losses for the first half of 2012. We also are observing our customers being reluctant in placing orders with normal lead times, with a shift to shorter lead-times and rush orders. This trend makes it very difficult to us to forecast our annual 2012 financial results. Bearing in mind the above trend and the usual seasonality in the cordless business but taking into account sequential revenue growth from new market verticals, we nonetheless believe revenues from the second half of 2012 will be higher than the first half of 2012. Finally, we remain focused on meeting our objective to generate positive operating cash flows in 2012, and will continue to closely monitor market trends and implement additional cost cutting measures whenever necessary to ensure we achieve this objective.

As of March 31, 2012, our principal source of liquidity consisted of cash and cash equivalents of \$18.7 million and marketable securities and short term deposits of \$95.2 million, totaling \$113.8 million.

RESULTS OF OPERATIONS

Total Revenues. Our total revenues were \$43.5 million for the first quarter of 2012, as compared to \$48.8 million for the same period in 2011. This decrease was primarily as a result of decreased sales of our 2.4GHz and DECT products. Sales of 2.4GHz products were \$3.5 million and \$5.1 million for the first quarter of 2012 and 2011, respectively, representing 8% and 10% of our total revenues for the first quarter of 2012 and 2011, respectively, representing a decrease of 30% in absolute dollars for the comparable periods. Sales of DECT products were \$35.3 million and \$40.1 million for the first quarter of 2012 and 2011, respectively, representing approximately 81% and 82% of our total revenues for the first quarter of 2012 and 2011, respectively, a decrease of 12% in absolute dollars for the comparable periods.

The following table shows the breakdown of revenues for all product lines for the periods indicated by geographic location based on the geographic location of our customers (in thousands):

	Period ended March 31,	
	2012	2011
United States	\$ 275	\$ 484
Japan	\$ 15,624	\$ 14,562
Europe	\$ 2,336	\$ 2,302
Hong Kong	\$ 21,192	\$ 25,152
Korea	\$ 768	\$ 1,829
China	\$ 1,685	\$ 2,248
Taiwan	\$ 1,180	\$ 1,529
Other	\$ 444	\$ 670
Total revenues	\$ 43,504	\$ 48,776

Sales to our customers in Hong Kong decreased for the first quarter of 2012, as compared to the same period of 2011, representing a 16% decrease in absolute dollars. The decrease in our sales to Hong Kong for the comparable periods resulted from a decrease in sales to VTech Holdings Ltd. (VTech), representing a 6% decrease in absolute

Table of Contents

dollars and a decrease in sales to CCT Telecom Holdings Ltd. (CCT Telecom), representing a 55% decrease in absolute dollars. The increase in our sales to Japan for the comparable periods resulted from an increase in sales to Uniden America Corporation (Uniden), representing a 20% increase in absolute dollars.

As our products are generally incorporated into consumer products sold by our OEM customers, our revenues are affected by seasonal buying patterns of consumer products sold by our OEM customers that incorporate our products. The fourth quarter in any given year is usually the strongest quarter of sales for our OEM customers and, as a result, the third quarter in any given year is usually the strongest quarter for our revenues as our OEM customers request increased shipments of our products in anticipation of the fourth quarter holiday season. By contrast, the first quarter in any given year is usually the weakest quarter for us. This trend can be generally observed from reviewing our quarterly information and results of operations. However, the magnitude of this trend varies annually and is affected by macro-economic trends. For example, we anticipate that the challenges associated with the European and Korea markets, discussed earlier, would negatively impact our revenues for the first half of 2012 and result in greater operating losses for the first half of 2012.

Significant Customers. VTech is a significant OEM customer based in Hong Kong. Sales to VTech represented 34% and 32% of our total revenues for the three months ended March 31, 2012 and 2011, respectively. Sales to CCT Telecom, another Hong Kong based customer, represented 6% and 12% of our total revenues for the first three months of 2012 and 2011, respectively. Sales to Uniden, a Japanese based customer, represented 16% and 12% of our total revenues for the first three months of 2012 and 2011, respectively.

The Japanese market and the OEMs that operate in that market are among the largest suppliers of residential wireless products with significant market share in the U.S. market. Revenues derived from sales through our largest distributor, Tomen Electronics Corporation (Tomen Electronics), accounted for 20% of our total revenues for the first three months of 2012, as compared to 18% for the comparable period of 2011.

Tomen Electronics sells our products to a limited number of customers. One customer, Panasonic Communications Co., Ltd (Panasonic), has continually accounted for a majority of sales through Tomen Electronics. Sales to Panasonic through Tomen Electronics generated approximately 14% and 12% of our total revenues for the first three months of 2012 and 2011, respectively. The loss of Tomen Electronics as a distributor and our inability to obtain a satisfactory replacement in a timely manner would harm our sales and results of operations. Additionally, the loss of Panasonic and Tomen Electronics inability to thereafter effectively market our products would also harm our sales and results of operations.

In addition to Tomen Electronics and Panasonic, the loss of any of our other significant customers or distributors, including VTech, or reduced demand for products from, or the reduction in purchasing capability of, one of our other significant customers, could have a material adverse effect on our business, financial condition and results of operations.

Significant Products. Revenues from our DECT products represented 81% of our total revenues for the first quarter of 2012. Revenues from our 2.4GHz products represented 8% of our total revenues for the first quarter of 2012. We believe that sales of DECT and 2.4GHz products will continue to represent a substantial percentage of our revenues for 2012. We believe that the rapid deployment of new communication access methods, as well as the lack of growth in fixed-line telephony, will reduce our total revenues derived from, and unit sales of, cordless telephony products, including our DECT and 2.4GHz products, for the long term.

Gross Profit. Gross profit as a percentage of revenues was 36.7% for the first quarter of 2012 and 35.3% for the first quarter of 2011. The increase in our gross profit was primarily due to (i) a decrease in the provision for slow or obsolete inventories, (ii) an improvement in the production yield of certain of our products, and (iii) a decrease in certain production costs such as gold due to the replacement of gold with copper in certain of our products.

As gross profit reflects the sale of chips and chipsets that have different margins, changes in the mix of products sold have impacted and will continue to impact our gross profit in future periods. Our gross profit may decrease in the future due to a variety of factors, including the continued decline in the average selling prices of our products, changes in the mix of products sold, our failure to achieve cost reductions, roll-out of new products in any given period, our success

Table of Contents

in introducing new engineering processes to reduce manufacturing costs, increases in the cost of raw materials such as gold, copper, oil and silicon wafers, and increases in production, assembly and testing costs. Moreover, our suppliers may pass the increase in the cost of raw materials and commodities onto us which would further reduce the gross margins of our products. We cannot guarantee that our ongoing efforts in cost reduction and yield improvements will be successful or that they will keep pace with the anticipated continuing decline in average selling prices of our products. Steps we are taking include the implementation of cost improvement plans to reduce testing costs and offering our customers more cost effective products by, for example, replacing gold wiring with copper wiring. However, we can provide no assurance that any alternative solutions we provide to our customers will be acceptable to them or that these steps will help us offset the continued decrease in gross margins of our products.

Cost of goods sold consists primarily of costs of wafer manufacturing and fabrication, assembly and testing of integrated circuit devices and related overhead costs, and compensation and associated expenses related to manufacturing and testing support and logistics personnel.

Research and Development Expenses. Our research and development expenses decreased to \$12.0 million for the first quarter of 2012 from \$14.2 million for the first quarter of 2011. The decrease for the first quarter of 2012 in research and development expenses, as compared to 2011, was mainly due to (i) the restructuring of our U.S. operations, which was implemented during the third quarter of 2011 and reduced our research and development expenses for the first quarter of 2012, (ii) a decrease in subcontractor and materials expenses, and (iii) a decrease in labor and employees related expenses.

Our research and development expenses as a percentage of our total revenues were 28% for the three months ended March 31, 2012 and 29% for the three months ended March 31, 2011. This decrease in research and development expenses as a percentage of our total revenues was due to a decrease in absolute dollars of research and development expenses for the first quarter of 2012 as compared to 2011, offset to some extent by the decrease in total revenues for the first quarter of 2012, as compared to 2011.

Research and development expenses consist mainly of payroll expenses to employees involved in research and development activities, expenses related to tapeout and mask work, subcontracting, labor contractors and engineering expenses, depreciation and maintenance fees related to equipment and software tools used in research and development, and facilities expenses associated with and allocated to research and development activities.

Sales and Marketing Expenses. Our sales and marketing expenses were \$4.0 million for both the first quarter of 2012 and 2011.

Our sales and marketing expenses as a percentage of total revenues were 9% for the three months ended March 31, 2012 and 8% for the three months ended March 31, 2011. This increase in sales and marketing expenses as a percentage of our total revenues was due to a decrease in absolute dollars of our total revenues for the first quarter of 2012 as compared to 2011.

Sales and marketing expenses consist mainly of sales commissions, payroll expenses to direct sales and marketing employees, travel, trade show expenses, and facilities expenses associated with and allocated to sales and marketing activities.

General and Administrative Expenses. Our general and administrative expenses decreased to \$3.0 million for the first quarter of 2012 as compared to \$3.1 million for the first quarter of 2011. The decrease for the first quarter of 2012 in general and administrative expenses, as compared to the comparable period for 2011, was mainly due to a decrease in equity-based compensation expenses in the amount of \$0.2 million, which were offset to some extent by an increase in other general and administrative expenses, such as accounting and stockholders and investors relations expenses.

General and administrative expenses as a percentage of our total revenues were 7% and 6% for the first quarters of 2012 and 2011, respectively. This increase in general and administrative expenses as a percentage of our total revenues was due to a decrease in absolute dollars of our total revenues for the first quarter of 2012 as compared to 2011.

Table of Contents

Our general and administrative expenses consist mainly of payroll expenses for management and administrative employees, accounting and legal fees, expenses related to investor relations, as well as facilities expenses associated with general and administrative activities.

Amortization of Intangible Assets. During the first quarter of 2012, we recorded an expense of \$0.6 million, as compared to \$2.2 million for the three month ended March 31, 2011, relating to the amortization of intangible assets associated mainly with the acquisition of the CIPT business of NXP B.V. (the Acquisition) The decrease is consistent with, and is based on, the original amortization schedule determined following the impairment of goodwill and other intangible assets that took place in 2008.

Restructuring costs and other. During the first quarter of 2011, we recorded an income of \$0.6 million in connection with a restructuring plan that was initiated during the third quarter of 2010. The referenced income resulted mainly from the closure of our Swiss facilities and the termination of employment of the employees of our Swiss subsidiary, which resulted in a curtailment and settlement of the Swiss pension plan during the first quarter of 2011.

Financial and Other Income, net. Financial and other income, net, was \$0.5 million for both the three months ended March 31, 2012 and 2011.

Provision for Income Taxes. During the first quarter of 2012, we recorded a tax expense of \$0.1 million, as compared to income tax benefit of \$0.6 million recorded for the first quarter of 2012. The income tax benefit for the first quarter of 2011 was mainly attributed to an approval that was received from the Israeli governmental authorities with respect to the recognition for tax purposes of our research and development expenses for previous years.

As of March 31, 2012 and December 31, 2011, we did not record any significant changes to the net deferred tax assets due to our current estimation of future taxable income.

DSP Group Ltd., our Israeli subsidiary, was granted Approved Enterprise status by the Israeli government with respect to six separate investment plans. Approved Enterprise status allows our Israeli subsidiary to enjoy a tax holiday for a period of two or four years, and a reduced corporate tax rate of 10% to 25% (based on the percentage of foreign ownership) for an additional six or eight years, on each investment plan's proportionate share of taxable income. The tax benefits under our Israeli subsidiary's first four investment plans have expired and those under the fifth and sixth investment plans are scheduled to gradually expire by 2015.

On April 1, 2005, an amendment to the Israeli Investment Law came into effect (the Amendment). The Amendment revised the criteria for investments qualified to receive tax benefits. An eligible investment program under the Amendment qualifies for benefits as a Beneficiary Enterprise (rather than the previous terminology of Approved Enterprise). Among other things, the Amendment provides tax benefits to both local and foreign investors and simplified the approval process. The Amendment does not apply to investment programs approved prior to December 31, 2004. The new tax regime applies to new investment programs only.

For 2006 and 2009, DSP Group Ltd. elected the status of a Beneficiary Enterprise under the Amendment for its seventh and eight plans, respectively. The seventh and eight plans entitle DSP Group Ltd. to a corporate tax exemption for a period of two years and a reduced corporate tax rate of 10% to 25% (based on the percentage of foreign ownership) for an additional period of eight years from the first year it has taxable income. The tax benefits under the seventh and eight investment plans are scheduled to gradually expire between 2015 and 2023.

Table of Contents

In December 2010, the Knesset (Israeli parliament) passed a new amendment (the New Amendment) which prescribes, among other things, for a further amendment of the Israeli Investment Law. The New Amendment became effective as of January 1, 2011. Among other things, the New Amendment sets forth the following amended tax rates for income generated from qualified investment programs:

for 2011 and 2012 - 15%;

for 2013 and 2014 - 12.5%; and

for 2015 and thereafter - 12%.

We do not currently intend to implement the New Amendment; rather we intend to continue to comply with the Investment Law as in effect prior to enactment of the New Amendment until the earlier of such time that compliance with the Investment Law prior to enactment of the New Amendment is no longer in our best interests or until the expiration of our current investment programs. We are required to comply with the New Amendment subsequent to the expiration of our current investment programs and for any new qualified investment program after a transitional period. As a result, the New Amendment may increase our average tax rate in future years.

To be eligible for tax benefits under the investment programs, we must meet certain conditions, relating principally to adherence to the investment program filed with the investment Center of the Israeli Ministry of Industry and Trade and to periodic reporting obligations. We believe that our investment programs are currently in compliance with these requirements. However, if we fail to meet these requirements, we would be subject to corporate tax in Israel at the regular statutory rate (25% for 2012). We also could be required to refund tax benefits, with interest and adjustments for inflation based on the Israeli consumer price index.

In connection with the Acquisition, we received a tax ruling from the Swiss tax authorities with respect to the taxable income generated by our Swiss subsidiary, including the amortization period for tax purposes of goodwill and all other intangible assets acquired in the Acquisition by our Swiss subsidiary. Pursuant to the tax ruling, our Swiss subsidiary is entitled to reduced tax rates of approximately 10% to 15%, depending on the source of income, and tax amortization period of up to 10 years for the goodwill and other intangible assets acquired in the Acquisition by our Swiss subsidiary.

LIQUIDITY AND CAPITAL RESOURCES

Operating Activities. During the first quarter of 2012, we used \$0.5 million of cash and cash equivalents for our operating activities as compared to cash used for operating activities in the amount of \$0.4 million for the first quarter of 2011.

Investing Activities. We invest excess cash in marketable securities of varying maturity, depending on our projected cash needs for operations, capital expenditures and other business purposes. During the first three months of 2012, we purchased \$8.6 million of marketable securities, as compared to \$18.6 million used to purchase marketable securities and \$3.0 million for short term deposits during the first three months of 2011. During the first three months of 2012 and 2011, \$5.9 million and \$15.6 million, respectively, of marketable securities matured and were called by the issuer. During the first three months of 2012 and 2011, \$5.1 million and \$1.0 million, respectively, of marketable securities were sold. Additionally, during the first three months of 2012 and 2011, \$3.0 million and \$10.0 million, respectively, of short term deposits, matured. As of March 31, 2012, the amortized cost of our marketable securities and short term deposits was \$95.1 million and their stated market value was \$95.2 million, representing an unrealized gain of \$0.1 million.

Our capital equipment purchases for the first three months of 2012, consisting primarily of research and development software tools, computers and other peripheral equipment, engineering test and lab equipment, leasehold improvements, furniture and fixtures, totaled \$0.3 million, as compared to \$0.8 million for the first three months of 2011.

Financing Activities. During the first quarter of 2012, we repurchased 691,000 shares of common stock at an average purchase price of \$6.43 per share for an aggregate purchase price of \$4,442,000 of which only \$3,968,000 was paid in cash as of March 31, 2012. During the first quarter of 2011, we repurchased approximately 130,000 shares of our common stock at an average purchase price of \$7.95 per share for an aggregate amount of approximately \$1.0 million. In addition, during the first quarter of 2012, we received \$0.2 million upon the exercise of employee stock options and stock appreciation rights.

Table of Contents

Pursuant to authorizations in March 1999, July 2003, October 2004, January 2007 and January 2008, our board of directors authorized a share repurchase program for the repurchase of an aggregate of 14.9 million shares of our common stock. Also in January 2008, our board approved the company's entry into a share repurchase plan, in accordance with Rule 10b5-1 of the Securities Exchange Act of 1934, for the repurchase of 5.0 million of the aggregate shares of our common stock authorized for repurchase, which plan has since expired. In October 2010, our board of directors authorized an increase in the number of shares available for repurchase, thereby increasing the aggregate number of shares authorized for repurchase under our share repurchase program to two million shares. In July 2011, our board of directors authorized an increase in our share repurchase program by one million shares of common stock.

As of March 31, 2012, approximately 900,123 shares of common stock remained authorized for repurchase under our board-authorized share repurchase program.

As of March 31, 2012, we had cash and cash equivalents totaling approximately \$18.7 million and marketable securities of approximately \$95.2 million.

Our working capital at March 31, 2012 was approximately \$61.1 million, compared to \$72.7 as of March 31, 2011. The decrease in working capital was mainly due to a decrease in cash and cash equivalents, mainly due to the acquisition of the remaining 70% equity interest in BoneTone Communications in December 2011 and the repurchase of our common stock in 2011 and 2012. We believe that our current cash, cash equivalents, cash deposits and marketable securities will be sufficient to meet our cash requirements for both the short and long term.

In addition, as part of our business strategy, we may evaluate potential acquisitions of businesses, products and technologies. Accordingly, a portion of our available cash may be used at any time for the acquisition of complementary products or businesses. Such potential transactions may require substantial capital resources, which may require us to seek additional debt or equity financing. We cannot assure you that we will be able to successfully identify suitable acquisition candidates, complete acquisitions, integrate acquired businesses into our current operations, or expand into new markets. Furthermore, we cannot assure you that additional financing will be available to us in any required time frame and on commercially reasonable terms, if at all. See the section of the risk factors entitled "We may engage in future acquisitions that could dilute our stockholders' equity and harm our business, results of operations and financial condition." for more detailed information.

Off-Balance Sheet Arrangements

We do not have any off-balance sheet arrangements, as such term is defined in recently enacted rules by the Securities and Exchange Commission, that have or are reasonably likely to have a current or future effect on our financial condition, changes in financial condition, revenues or expenses, results of operations, liquidity, capital expenditures or capital resources that are material to investors.

QUANTITATIVE AND QUALITATIVE DISCLOSURES ABOUT MARKET RISK

Interest Rate Risk. It is our policy not to enter into interest rate derivative financial instruments, except for hedging of foreign currency exposures discussed below. We do not currently have any significant interest rate risk since we do not have any financial obligations.

The majority of our cash and cash equivalents are invested in high grade certificates of deposits with major U.S., European and Israeli banks. Generally, cash and cash equivalents and short term deposits may be redeemed and therefore minimal credit risk exists with respect to them. Nonetheless, cash deposits with these banks exceed the Federal Deposit Insurance Corporation (FDIC) insurance limits in the U.S. or similar limits in foreign jurisdictions, to the extent such deposits are even insured in such foreign jurisdictions. While we monitor on a systematic basis the cash balances and adjust the balances as appropriate, these balances could be impacted if one or more of the financial institutions with which

Table of Contents

we deposit our funds fails or is subject to other adverse conditions in the financial or credit markets. To date we have experienced no loss of principal or lack of access to our cash; however, we can provide no assurances that access to our cash will not be affected if the financial institutions that we hold our cash fail or the financial and credit markets fail to recover fully.

We hold an investment portfolio of marketable securities consisting principally of debentures of U.S. corporations, and U.S. government sponsored enterprises. We intend, and have the ability, to hold such investments until recovery of any temporary declines in market value or maturity.

Interest rate fluctuations relating to our cash and cash equivalents and within our investment portfolio have not had, and are not currently anticipated to have, a material effect on our financial position on an annual or quarterly basis.

Foreign Currency Exchange Rate Risk. A significant part of our sales and expenses are denominated in U.S. dollars. Part of our expenses in Israel is paid in NIS, which subjects us to the risks of foreign currency fluctuations between the U.S. dollar and the NIS. Our primary expenses paid in NIS are employee salaries and lease payments on our Israeli facilities. Furthermore, due to the Acquisition, a portion of our expenses for our European operations are paid in the Euro, which subjects us to the risks of foreign currency fluctuations between the U.S. dollar and the Euro. Our primary expenses paid in Euro are employee salaries, lease and operational payments on our European facilities. To partially protect the company against an increase in value of forecasted foreign currency cash flows resulting from salary and lease payments denominated in NIS during 2012, we instituted a foreign currency cash flow hedging program. The option and forward contracts used are designated as cash flow hedges, as defined by FASB ASC No. 815, Derivatives and Hedging, and are all effective as hedges of these expenses. For more information about our hedging activity, see Note G to the attached Notes to the Condensed Consolidated Financial Statement for the period ended March 31, 2012. An increase in the value of the NIS and the Euro in comparison to the U.S. dollar could increase the cost of our research and development expenses and general and administrative expenses, all of which could harm our operating profit. Although we currently are using a hedging program to minimize the effects of currency fluctuations relating to the NIS, our hedging position is partial, may not exist at all in the future and may not succeed in minimizing our foreign currency fluctuation risks.

ITEM 3. QUANTITATIVE AND QUALITATIVE DISCLOSURES ABOUT MARKET RISK

See Management's Discussion and Analysis of Financial Condition and Results of Operations Quantitative and Qualitative Disclosures about Market Risk.

ITEM 4. CONTROLS AND PROCEDURES

As of the end of the period covered by this report, we carried out an evaluation, under the supervision and with the participation of our Chief Executive Officer and Chief Financial Officer, of the effectiveness of the design and operation of our disclosure controls and procedures. Based on this evaluation, our Chief Executive Officer and Chief Financial Officer concluded that our disclosure controls and procedures were effective as of March 31, 2012.

There has been no change in our internal control over financial reporting that occurred during our most recent fiscal quarter that has materially affected or is reasonably likely to materially affect our internal control over financial reporting.

PART II. OTHER INFORMATION

ITEM 1. LEGAL PROCEEDINGS.

From time to time, we may become involved in litigation relating to claims arising from our ordinary course of business. Also, as is typical in the semiconductor industry, we have been and may from time to time be notified of claims that we may be infringing patents or intellectual property rights owned by third parties. We currently believe that there are no claims or actions pending or threatened against us, the ultimate disposition of which would have a material adverse effect on our company.

Table of Contents**ITEM 1A. RISK FACTORS.**

This Form 10-Q contains forward-looking statements concerning our future products, expenses, revenue, liquidity and cash needs as well as our plans and strategies. These forward-looking statements are based on current expectations and we assume no obligation to update this information. Numerous factors could cause our actual results to differ significantly from the results described in these forward-looking statements, including the following risk factors.

There are no material changes to the Risk Factors described under the title "Factors That May Affect Future Performance" in our Annual Report on Form 10-K for the fiscal year ended December 31, 2011 other than (1) changes to the Risk Factor below entitled "We generate a significant amount of our total revenues from the sale of digital cordless telephony products and our business and operating results may be materially adversely affected if we do not continue to succeed in this highly competitive market or if sales within the overall cordless digital market decreases;" (2) changes to the Risk Factor below entitled "We rely significantly on revenue derived from a limited number of customers;" (3) changes to the Risk Factor below entitled "We rely on a primary distributor for a significant portion of our total revenues and the failure of this distributor to perform as expected would materially reduce our future sales and revenues;" (4) changes to the Risk Factor below entitled "Because our quarterly operating results may fluctuate significantly, the price of our common stock may decline;" (5) changes to the Risk Factor below entitled "We are subject to order and shipment uncertainties and if we are unable to accurately predict customer demand, our business may be harmed;" (6) changes to the Risk Factor below entitled "Our revenues, gross margins and profitability may be materially adversely affected by the continued decline in average selling prices of our products and other factors, including increases in assembly and testing expenses, and raw material and commodity costs;" (7) changes to the Risk Factor below entitled "Because we have significant international operations, we may be subject to political, economic and other conditions relating to our international operations that could increase our operating expenses and disrupt our business;" (8) changes to the Risk Factor below entitled "Because we have significant operations in Israel, we may be subject to political, economic and other conditions affecting Israel that could increase our operating expenses and disrupt our business;" and (9) changes to the Risk Factor below entitled: "We are exposed to fluctuations in currency exchange rates."

We generate a significant amount of our total revenues from the sale of digital cordless telephony products and our business and operating results may be materially adversely affected if we do not continue to succeed in this highly competitive market or if sales within the overall cordless digital market decreases.

Sales of our digital cordless telephony products comprised a significant majority of our total revenues for the first three months of 2012. Specifically, sales of our DECT, 2.4GHz, 5.8GHz and CoIP products comprised 94% of our total revenues for both the first quarter of 2012 and 2011, respectively. Revenues from our DECT products represented 81% and 82% of our total revenues for the first quarter of 2012 and 2011, respectively. Revenues from our 2.4 GHz products represented 8% and 10% of our total revenues for the first quarter of 2012 and 2011, respectively.

Any adverse change in the digital cordless market or in our ability to compete and maintain our competitive position in that market would harm our business, financial condition and results of operations. The digital cordless telephony market is extremely competitive and is facing intense pricing pressures, and we expect that competition and pricing pressures will only increase. Our existing and potential competitors in this market include large and emerging domestic and foreign companies, many of whom have significantly greater financial, technical, manufacturing, marketing, sales and distribution resources and management expertise than we do. It is possible that we may one day be unable to respond to increased pricing competition for digital cordless telephony processors or other products through the introduction of new products or reduction of manufacturing costs. This inability to compete would have a material adverse effect on our business, financial condition and results of operations. Likewise, any significant delays by us in developing, manufacturing or shipping new or enhanced products in this market also would have a material adverse effect on our business, financial condition and results of operations.

Table of Contents

In addition, to general market competitiveness, the digital cordless telephony market is undergoing a challenging period of transition. With the rapid deployment of new communication access methods, including mobile, wireless broadband, cable and other connectivity, the traditional cordless telephony market using fixed-line telephony is declining, which reduces our revenues derived from, and unit sales of, cordless telephony products. Macro-economic trends in the consumer electronics industry may adversely impact our future revenues. For example, we anticipate a temporary slowdown in demand for consumer electronics products, including cordless telephony products, during the first half of 2012, which would negatively impact our revenues for the first half of 2012 and result in greater operating losses for the first half of 2012.

Furthermore, our business also may be affected by the outcome of the competition between cellular phone operators and fixed-line operators for the provision of residential communication. A significant majority of our revenues are currently generated from sales of chipsets used in cordless phones that are based on fixed-line telephony, and a decline in fixed-line telephony would reduce our revenues derived from, and unit sales of, our digital cordless telephony products.

We rely significantly on revenue derived from a limited number of customers.

We expect that a limited number of customers, varying in identity from period-to-period, will account for a substantial portion of our revenues in any period. Our four largest customers – VTech, Panasonic, Uniden and CCT Telecom accounted for approximately 69% of our total revenues for both the first quarter of 2012 and 2011, respectively. Sales to VTech represented 34% and 32% of our total revenues for the first quarter of 2012 and 2011, respectively. Sales to Panasonic represented 14% and 12% of our total revenues for the first quarter of 2012 and 2011, respectively. Sales to Uniden represented 16% and 12% of our total revenues for the first quarter of 2012 and 2011, respectively. Sales to CCT Telecom represented 6% and 12% of our total revenues for the first quarter of 2012 and 2011. Typically, our sales are made on a purchase order basis, and none of our customers has entered into a long-term agreement requiring it to purchase our products. Moreover, we do not typically require our customers to purchase a minimum quantity of our products, and our customers can generally cancel or significantly reduce their orders on short notice without significant penalties. A significant amount of our revenues will continue to be derived from a limited number of large customers. Furthermore, the primary customers for our products are original equipment manufacturers (OEMs) and original design manufacturers (ODMs) in the cordless digital market. This industry is highly cyclical and has been subject to significant economic downturns at various times, particularly in recent periods. These downturns are characterized by production overcapacity and reduced revenues, which at times may affect the financial stability of our customers. Therefore, the loss of one of our major customers, or reduced demand for products from, or the reduction in purchasing capability of, one of our major customers, could have a material adverse effect on our business, financial condition and results of operations.

Because our products are components of end products, if OEMs do not incorporate our products into their end products or if the end products of our OEM customers do not achieve market acceptance, we may not be able to generate adequate sales of our products.

Our products are not sold directly to the end-user; rather, they are components of end products. As a result, we rely upon OEMs to incorporate our products into their end products at the design stage. Once an OEM designs a competitor's product into its end product, it becomes significantly more difficult for us to sell our products to that customer because changing suppliers involves significant cost, time, effort and risk for the customer. As a result, we may incur significant expenditures on the development of a new product without any assurance that an OEM will select our product for design into its own product and without this "design win" it becomes significantly difficult to sell our products. Moreover, even after an OEM agrees to design our products into its end products, the design cycle is long and may be delayed due to factors beyond our control which may result in the end product incorporating our products not to reach the market until long after the initial "design win" with the OEM. From initial product design-in to volume production, many factors could impact the timing and/or amount of sales actually realized from the design-in. These factors include, but are not limited to, changes in the competitive position of our technology, our customers financial stability, and our ability to ship products according to our customers' schedule. Moreover, the continued uncertainty about the sustainability of the global economic recovery and outlook may further prolong an OEM customer's decision-making process and design cycle.

Table of Contents

Furthermore, we rely on the end products of our OEM customers that incorporate our products to achieve market acceptance. Many of our OEM customers face intense competition in their markets. If end products that incorporate our products are not accepted in the marketplace, we may not achieve adequate sales volume of our products, which would have a negative effect on our results of operations.

We rely on a primary distributor for a significant portion of our total revenues and the failure of this distributor to perform as expected would materially reduce our future sales and revenues.

In addition to direct sales, we use a network of distributors to sell our products. Particularly, revenues derived from sales through our Japanese distributor, Tomen Electronics, accounted for 20% and 18% of our total revenues for the first quarter of 2012 and 2011, respectively. Our future performance will depend, in part, on this distributor to continue to successfully market and sell our products. Furthermore, Tomen Electronics sells our products to a limited number of customers. One customer, Panasonic, has continually accounted for a majority of the sales through Tomen Electronics. Sales to Panasonic through Tomen Electronics generated approximately 14% and 12% of our total revenues for the first quarter of 2012 and 2011, respectively. The loss of Tomen Electronics as our distributor and our inability to obtain a satisfactory replacement in a timely manner would materially harm our sales and results of operations. Additionally, the loss of Panasonic and Tomen Electronics' inability to thereafter effectively market our products would also materially harm our sales.

Because our quarterly operating results may fluctuate significantly, the price of our common stock may decline.

Our quarterly results of operations may vary significantly in the future for a variety of reasons, many of which are outside our control, including the following:

fluctuations in volume and timing of product orders;

timing, rescheduling or cancellation of significant customer orders and our ability, as well as the ability of our customers, to manage inventory;

changes in demand for our products due to seasonal consumer buying patterns and other factors;

timing of new product introductions by us, including our XpandR, VoIP and CAT-iq products, and by our customers or competitors;

changes in the mix of products sold by us or our competitors;

fluctuations in the level of sales by our OEM customers and other vendors of end products incorporating our products;

timing and size of expenses, including expenses to develop new products and product improvements and expenses resulting from restructuring activities;

entry into new markets, including China, Korea and South America;

our ability to scale our operations in response to changes in demand for our existing products and services or demand for new products requested by our customers;

Edgar Filing: DSP GROUP INC /DE/ - Form 10-Q

mergers and acquisitions by us, our competitors and our existing and potential customers; and

general economic conditions, including current economic conditions in the United States and worldwide, and the adverse effects on the semiconductor and consumer electronics industries.

Table of Contents

Each of the above factors is difficult to forecast and could harm our business, financial condition and results of operations. Also, we sell our products to OEM customers that operate in consumer markets. As a result, our revenues are affected by seasonal buying patterns of consumer products sold by our OEM customers that incorporate our products and the market acceptance of such products supplied by our OEM customers. The fourth quarter in any given year is usually the strongest quarter for sales by our OEM customers in the consumer markets, and thus, our third quarter in any given year is usually the strongest quarter for revenues as our OEM customers request increased shipments of our products in anticipation of the increased activity in the fourth quarter. By contrast, the first quarter in any given year is usually the weakest quarter for us. However, the magnitude of this trend varies annually and is affected by macro-economic trends. For example, we believe the second quarter of 2012 will be a challenging period for us mainly due to the slower than anticipated recovery in two of our main end markets, Europe and Korea. We believe the difficulties in these two markets will result in softer demand from our ODM and OEM customers mainly for our cordless products targeting the European and Korean markets. This trend would negatively impact our revenues for the first half of 2012 and result in greater operating losses for the first half of 2012

Our revenues, gross margins and profitability may be materially adversely affected by the continued decline in average selling prices of our products and other factors, including increases in assembly and testing expenses, and raw material and commodity costs.

We have experienced and will continue to experience a decrease in the average selling prices of our products. Decreasing average selling prices could result in decreased revenues even if the volume of products sold increases. Decreasing average selling prices may also require us to sell our products at much lower gross margin than in the past and reduce profitability. Although we have to date been able to partially offset on an annual basis the declining average selling prices of our products through general operational efficiencies and manufacturing cost reductions by achieving a higher level of product integration and improving our yield percentages, there is no guarantee that our ongoing efforts will be successful or that they will keep pace with the anticipated, continued decline in average selling prices of our products.

Moreover, we believe there are significant pressures in the supply chain as a result principally of the uncertainty about the global economic recovery, which has negatively affected the consumer electronics industry. The pressures in the supply chain make it very difficult for us to increase or even maintain our product pricing, which further adversely affects our gross margins.

In addition to the continued decline in the average selling prices of our products, our gross profit may decrease in the future due to other factors, including the roll-out of new products in any given period and the penetration of new markets which may require us to sell products at a lower margin, our failure to introduce new engineering processes and mix of products sold.

Our gross margins also are affected by the product mix. For example, DECT products have lower average gross margins than 2.4GHz products and increased sales of DECT products would lower our gross margins.

Furthermore, increases in the price of silicon wafers, testing costs and commodities such as gold and oil, which may result in increased production costs, mainly assembly and packaging costs, may result in a decrease in our gross margins. Moreover, our suppliers may pass the increase in raw materials and commodity costs onto us which would further reduce the gross margin of our products. In addition, as we are a fabless company, global market trends such as over-capacity problems so that there is a shortage of capacity to fulfill our fabrication needs also may increase our raw material costs and thus decrease our gross margin.

We are subject to order and shipment uncertainties and if we are unable to accurately predict customer demand, our business may be harmed.

We typically sell products pursuant to purchase orders rather than long-term purchase commitments. Customers can generally cancel, change or defer purchase orders on short notice without incurring a significant penalty. Given current market conditions, we have less ability to accurately predict what or how many products our customers will need in the future. In addition, we have little visibility into and no control of the demand by our customer s customers

Table of Contents

generally consumer electronics retailers. Based on discussions with our customers, we understand that our customers also have less ability to accurately product their product demands. A decrease in the consumer electronics retailers demand or a build up of their inventory, both of which are out of our control, may cause a cancellation, change or deferral of purchase orders on at short notice by our customers. Anticipating demand is difficult because our customers and their customers face volatile pricing and unpredictable demand for their own products, and are increasingly focused on cash preservation and tighter inventory management. Based on these trends, our customers are reluctant to place orders with normal lead times, and we are seeing a shift to shorter lead-times and rush orders. However, we place orders with our suppliers based on forecasts of our customers demand and, in some instances, may establish buffer inventories to accommodate anticipated demand. Our forecasts are based on multiple assumptions, each of which may introduce error into our estimates. If we overestimate our customers demand or our customers overestimate their demand, we may allocate resources to manufacturing products that we may not be able to sell when we expect to, if at all. As a result, we could hold excess or obsolete inventory, which would reduce our profit margins and adversely affect our financial results. Conversely, if we underestimate our customers demand or our customers underestimate their demand and insufficient manufacturing capacity is available, we could forego revenue opportunities and potentially lose market share and damage our customer relationships.

As a result of the acquisition of the cordless and VoIP terminals (CIPT) business of NXP B.V. (NXP), we now maintain inventory, or hubbing, arrangements with certain of our customers. Pursuant to these arrangements, we deliver products to a customer or a designated third party warehouse based upon the customer s projected needs, but do not recognize product revenue unless and until the customer reports that it has removed our product from the warehouse to incorporate into its end products. Since we own inventory that is physically located in a third party s warehouse, our ability to effectively manage inventory levels may be impaired, causing our total inventory turns to decrease, which could increase expenses associated with excess and obsolete product and negatively impact our cash flow.

Because we have significant international operations, we may be subject to political, economic and other conditions relating to our international operations that could increase our operating expenses and disrupt our business.

Although the majority of end users of the consumer products that incorporate our products are located in the U.S., we are dependent on sales to OEM customers, located outside of the U.S., that manufacture these consumer products. Also, we depend on a network of distributors to sell our products that also are primarily located outside of the U.S. Export sales, primarily consisting of digital cordless telephony products shipped to manufacturers in Europe and Asia, including Japan and Asia Pacific, represented 99% of our total revenues for both the first quarter of 2012 and 2011, respectively. Furthermore, pursuant to the acquisition of the CIPT business from NXP, we established new foreign subsidiaries, and currently have material operations, in Germany, Hong Kong and India and employ a number of individuals within those foreign operations. As a result, the occurrence of any negative international political, economic or geographic events, as well as our failure to mitigate the challenges in managing an organization operating in various countries, could result in significant revenue shortfalls and disrupt our workforce within our foreign operations. These shortfalls and disruptions could cause our business, financial condition and results of operations to be harmed. Some of the risks of doing business internationally include:

unexpected changes in foreign government regulatory requirements;

fluctuations in the exchange rate for the United States dollar;

import and export license requirements;

imposition of tariffs and other barriers and restrictions;

burdens of complying with a variety of foreign laws, treaties and technical standards;

uncertainty of laws and enforcement in certain countries relating to the protection of intellectual property;

Table of Contents

difficulty in collecting accounts receivable and longer payment cycles for international customers than existing customers;

difficulty in staffing and managing foreign operations and maintaining the morale and productivity of employees within foreign operations;

multiple and possibly overlapping tax structures and potentially adverse tax consequences;

political and economic instability; and

changes in diplomatic and trade relationships.

One or more of these factors may have a material adverse effect on our future operations and consequently, on our business, financial conditions and operating results.

In order to sustain the future growth of our business, we must penetrate new markets and our new products must achieve widespread market acceptance.

In order to increase our sales volume and expand our business, we must penetrate new markets and introduce new products. We are exploring opportunities to expand sales of our products to China, Japan, Korea and South America. However, there are no assurances that we will gain significant market share in those competitive markets. In addition, many North American, European and Japanese OEMs are moving their manufacturing sites to Southeast Asia as a result of the cyclical nature of manufacturing capacity issues and cost of silicon integrated circuits, the continued decline of average selling prices of chipsets and other industry-wide factors. This trend may cause the mix of our OEM customers to change in the future, thereby further necessitating our need to penetrate new markets. Furthermore, to sustain the future growth of our business, we need to introduce new products as sales of our older products taper off. Moreover, the penetration of new competitive markets and introduction of new products could require us to reduce the sale prices of our products or increase the cost per product and thus reducing our total gross profit in future periods. As an example, we introduced to the market the XpandR and CAT-iq platforms to enable multimedia and web-related applications in our future products. Our future growth is dependent on market acceptance and penetration of our new products, such as the XpandR-based and CAT-iq-based products, for which we can provide no assurances. Our revenue growth is also dependent on the successful deployment of our new VoIP and BoneTone products. Our inability to penetrate the market or lack of customer acceptance of these products may harm our business and potential growth.

There are several emerging market trends that may challenge our ability to continue to grow our business.

New technological developments in the home connectivity market may adversely affect our operating results. For example, the rapid deployment of new communication access methods, including mobile, wireless broadband, cable and other connectivity, as well as the lack of growth in products using fixed-line telephony would reduce our total revenues derived from, and unit sales of, cordless fixed-line telephony products. Our ability to maintain our growth will depend on the expansion of our product lines to capitalize on the emerging access methods and on our success in developing and selling a portfolio of system-on-a-chip solutions that integrate video, voice, data and communication technologies in a wider multimedia market, as well as on our success in developing and selling DECT, XpandR, CAT-iq and video products. We cannot assure you that we will succeed in expanding our product lines or portfolio of system-on-a-chip solutions, or that they would receive market acceptance.

Furthermore, there is a growing threat from alternative technologies accelerating the decline of the fixed-line telephony market. This competition comes from mobile telephony, including emerging dual-mode mobile Wi-Fi phones and other innovative applications, such as Skype and iChat. Given that we derive a significant amount of revenues from chipsets incorporated into fixed-line telephony products, if we are unable to develop new technologies in the face of the decline of this market, our business could be materially adversely affected.

Table of Contents

Because we depend on independent foundries and other third party suppliers to manufacture and test all of our integrated circuit products, we are subject to additional risks that may materially disrupt our business.

All of our integrated circuit products are manufactured and tested by independent foundries and other third party suppliers. While these foundries and other third party suppliers have been able to adequately meet the demands of our increasing business, we are and will continue to be dependent upon these foundries and third party suppliers to achieve acceptable manufacturing yields, quality levels and costs, and to allocate to us a sufficient portion of their foundry, assembly and test capacity to meet our needs in a timely manner.

While we currently believe we have adequate capacity to support our current sales levels pursuant to our arrangement with our foundries and other third party suppliers, we may encounter capacity shortage issues in the future. In the event of a worldwide shortage in foundry, assembly and/or test capacity, we may not be able to obtain a sufficient allocation of such capacity to meet our product needs or we may incur additional costs to ensure specified quantities of products and services. Over-capacity at the current foundries and other third party suppliers we use, or future foundries or other third party suppliers we may use, to manufacture and test our integrated circuit products may lead to increased operating costs and lower gross margins. In addition, such a shortage could lengthen our products' manufacturing and testing cycle and cause a delay in the shipment of our products to our customers. This could ultimately lead to a loss of sales of our products, harm our reputation and competitive position, and our revenues could be materially reduced. Our business could also be harmed if our current foundries or other third party suppliers terminate their relationship with us and we are unable to obtain satisfactory replacements to fulfill customer orders on a timely basis and in a cost-effective manner. Moreover, we do not have long term capacity guarantee agreements with our foundries and with other third party suppliers.

In addition, as TSMC produces a significant portion of our integrated circuit products and ASE tests and assembles a significant portion of them, earthquakes, aftershocks or other natural disasters in Asia, or adverse changes in the political situation in Taiwan, could preclude us from obtaining an adequate supply of wafers to fill customer orders. Such events could harm our reputation, business, financial condition, and results of operations.

Because NXP still manufactures certain of the CIPT business products, we are subject to additional risks that may materially disrupt our business

As part of the acquisition of NXP's CIPT business, we entered into a Manufacturing Services Collaboration Agreement (MSCA), as amended, with NXP pursuant to which NXP agreed to provide us with specified manufacturing, pre-testing, assembling and final-testing services relating to the CIPT business products.

The services under the MSCA were to be provided by NXP at agreed upon prices initially for up to seven years following the closing of the Acquisition with the provision of certain specified services initially terminating at the end of 2010. In December 2010, NXP agreed to extend a number of specified services that were to terminate at the end of 2010 to December 31, 2011 with an option for an additional one-year extension. In December 2011, we exercised the option to extend NXP's provision of services for an additional year to December 31, 2012. We are currently working with NXP and third party fabrication companies to move the manufacturing, pre-testing, assembling and final-testing services relating to CIPT business products away from NXP by December 31, 2012. Notwithstanding our implementation of a detailed transition plan, we may experience difficulty in finding a suitable replacement manufacturer for the CIPT business products, which may result in a disruption in product shipments, harm our customer relationships and generally disrupt our business. Even in the event we are able to find a suitable replacement manufacturer, transitioning of manufacturing processes, including re-qualification of CIPT business products, may be a difficult process. There are inherent and unforeseen risks and delays associated with the transfer of manufacturing capacities from one facility to another, including production and shipment delays, capacity constraints with the replacement manufacturer, IP incompatibility, logistical and administrative concerns or general difficulties associated with starting a new manufacturing process. Therefore, even with a suitable replacement manufacturer, we may experience a significant disruption in product shipments, harm to our customer relationships and generally a disruption of our business. In addition, we may incur higher manufacturing costs with the replacement manufacturer which may decrease our gross margins and generally adversely affect our results of operations.

Table of Contents

Our operating results are affected by general economic conditions and the highly cyclical nature of the semiconductor industry.

During the global downturn that started in the second half of 2008 and continued throughout 2009, general worldwide economic conditions significantly deteriorated, and resulted in decreased consumer confidence and spending, reduced corporate profits and capital spending, adverse business conditions and liquidity concerns. Notwithstanding improvements in business conditions since the second half of 2009, there continues to be uncertainty about the global economy and outlook, which continue to make it difficult for our customers, the end-product customers, our vendors and us to accurately forecast and plan future business activities and make reliable projections.

Moreover, we operate within the semiconductor industry which experiences significant fluctuations in sales and profitability. The industry was materially adversely affected by the 2008-2009 global downturn. Downturns in the semiconductor industry are characterized by diminished product demand, excess customer inventories, accelerated erosion of prices and excess production capacity. These factors could cause substantial fluctuations in our revenues and in our results of operations.

If global economic and market conditions remain uncertain or deteriorate, we could experience a material adverse impact on our business and results of operations.

Because the manufacture of our products is complex, the foundries on which we depend may not achieve the necessary yields or product reliability that our business requires.

The manufacture of our products is a highly complex and precise process, requiring production in a highly controlled environment. Changes in manufacturing processes or the inadvertent use of defective or contaminated materials by a foundry could adversely affect the foundry's ability to achieve acceptable manufacturing yields and product reliability. If the foundries we currently use do not achieve the necessary yields or product reliability, our ability to fulfill our customers' needs could suffer. This could ultimately lead to a loss of sales of our products and have a negative effect on our gross margins and results of operations.

Furthermore, there are other significant risks associated with relying on these third-party foundries, including:

risks due to the fact that we have reduced control over production cost, delivery schedules and product quality;

less recourse if problems occur as the warranties on wafers or products supplied to us are limited; and

increased exposure to potential misappropriation of our intellectual property.

As we depend on independent subcontractors, located in Asia, to assemble and test our semiconductor products, we are subject to additional risks that may materially disrupt our business.

Independent subcontractors, located in Asia, assemble and test our semiconductor products. Because we rely on independent subcontractors to perform these services, we cannot directly control our product delivery schedules or quality levels. We are dependent on these subcontractors to allocate to us a sufficient portion of their capacity to meet our needs in a timely manner. Our future success also depends on the financial viability of our independent subcontractors. If the capital structures of our independent subcontractors weaken, we may experience product shortages, production delays, quality assurance problems, increased manufacturing costs, and/or supply chain disruption. All of this could ultimately lead to a loss of sales of our products, harm our reputation and competitive position, and our revenues could be materially harmed.

Table of Contents

Moreover, the economic, market, social, and political situations in countries where some of our independent subcontractors are located are unpredictable, can be volatile, and can have a significant impact on our business because we may not be able to obtain product in a timely manner. Market and political conditions, including currency fluctuation, terrorism, political strife, war, labor disruption, and other factors, including natural or man-made disasters, adverse changes in tax laws, tariff, import or export quotas, power and water shortages, or interruption in air transportation, in areas where our independent subcontractors are located also could have a severe negative impact on our operating capabilities.

We are dependent on a small number of OEM customers, and our business could be harmed by the loss of any of these customers or reductions in their purchasing volumes.

We sell our products to a limited number of OEM customers directly or through a network of distributors. Moreover, many North American, European and Japanese OEMs are moving their manufacturing sites to Southeast Asia, as a result of the cyclical nature of manufacturing capacity issues and cost of silicon integrated circuits, the continued decline of average selling prices of chipsets and other industry-wide factors. In addition, OEMs located in Southeast Asia are growing and gaining competitive strength. As a result, the mix of our OEM customers may change in the future. However, we may not succeed in attracting new customers as these potential customers may have pre-existing relationships with our current or potential competitors. This trend also may promote the consolidation of OEMs located in North America, Europe and Japan with OEMs located in Southeast Asia, which may reduce the number of our potential customers and reduce the volume of chipsets the combined OEM customer may purchase from us. However, as is common in our industry, we typically do not enter into long term contracts with our customers in which they commit to purchase products from us. The loss of any of our OEM customers may have a material adverse effect on our results of operations. To attract new customers, we may be faced with intense price competition, which may affect our revenues and gross margins.

The possible emerging trend of our OEM customers outsourcing their production may cause our revenue to decline.

We believe there may be an emerging trend of our OEM customers outsourcing their production to third parties. We have invested substantial resources to build relationships with our OEM customers. However the outsourcing companies whom our OEM customers may choose to outsource production may not have prior business relationship with us or may instead have prior or ongoing relationships with our competitors. The emergence of this trend may require us to expend substantial additional resources to build relationships with these outsourcing companies, which would increase our operating expenses. Even if we do expend such resources, there are no assurances that these outsourcing companies will choose to incorporate our chipsets rather than chipsets of our competitors. Our inability to retain an OEM customer once such customer chooses to outsource production would have a material adverse effect on our future revenue.

Because we have significant operations in Israel, we may be subject to political, economic and other conditions affecting Israel that could increase our operating expenses and disrupt our business.

Our principal research and development facilities are located in the State of Israel and, as a result, at March 31, 2012, 267 of our 396 employees were located in Israel, including 186 out of 238 of our research and development personnel. In addition, although we are incorporated in Delaware, a majority of our directors and executive officers are residents of Israel. Although substantially all of our sales currently are being made to customers outside of Israel, we are nonetheless directly influenced by the political, economic and military conditions affecting Israel. Any major hostilities involving Israel, or the interruption or curtailment of trade between Israel and its present trading partners, could significantly harm our business, operating results and financial condition.

Israel's economy has been subject to numerous destabilizing factors, including a period of rampant inflation in the early to mid-1980s, low foreign exchange reserves, fluctuations in world commodity prices, military conflicts and civil unrest. In addition, Israel and companies doing business with Israel have been the subject of an economic boycott by the Arab countries since Israel's establishment. Although they have not done so to date, these restrictive laws and policies may have an adverse impact on our operating results, financial condition or expansion of our business.

Table of Contents

Since the establishment of the State of Israel in 1948, a state of hostility has existed, varying in degree and intensity, between Israel and the Arab countries. Although Israel has entered into various agreements with certain Arab countries and the Palestinian Authority, and various declarations have been signed in connection with efforts to resolve some of the economic and political problems in the Middle East, hostilities between Israel and some of its Arab neighbors have recently escalated and intensified. We cannot predict whether or in what manner these conflicts will be resolved. Our results of operations may be negatively affected by the obligation of key personnel to perform military service. In addition, certain of our officers and employees are currently obligated to perform annual reserve duty in the Israel Defense Forces and are subject to being called for active military duty at any time. Although we have operated effectively under these requirements since our inception, we cannot predict the effect of these obligations on the company in the future. Our operations could be disrupted by the absence, for a significant period, of one or more of our officers or key employees due to military service.

The tax benefits available to us under Israeli law require us to meet several conditions, and may be terminated or reduced in the future, which would increase our taxes.

Our facilities in Israel have been granted Approved Enterprise and Beneficiary Enterprise status under the Law for the Encouragement of Capital Investments, 1959, commonly referred to as the Investment Law, as amended. The Investment Law provides that capital investments in a production facility (or other eligible assets) designated as an Approved Enterprise or Beneficiary Enterprise receive certain tax benefits in Israel. Our investment programs that generate taxable income are currently subject to an average tax rate of up to approximately 10% based on a variety of factors, including percentage of foreign ownership and approvals for the erosion of the tax basis of our investment programs. To be eligible for tax benefits, we must meet certain conditions, relating principally to adherence to the investment program filed with the Investment Center of the Israeli Ministry of Industry and Trade and periodic reporting obligations. Although we believe we have met such conditions in the past, should we fail to meet such conditions in the future, we would be subject to corporate tax in Israel at the standard corporate tax rate (25% for 2012) and could be required to refund tax benefits (including with interest and adjustments for inflation based on the Israeli consumer price index) already received. Our average tax rate for our investment programs also may change in the future due to circumstances outside of our control, including changes to legislation. Therefore, we cannot provide any assurances that our average tax rate for our investment programs will continue in the future at their current levels, if at all. The tax benefits under a majority of our current investment plans are scheduled to gradually expire in 2015. The termination or reduction of certain programs and tax benefits or a requirement to refund tax benefits (including with interest and adjustments for inflation based on the Israeli consumer price index) already received may have a material adverse effect on our business, operating results and financial condition.

We may engage in future acquisitions that could dilute our stockholders' equity and harm our business, results of operations and financial condition.

We have pursued, and will continue to pursue, growth opportunities through internal development and acquisition of complementary businesses, products and technologies. We are unable to predict whether or when any other prospective acquisition will be completed. The process of integrating an acquired business may be prolonged due to unforeseen difficulties and may require a disproportionate amount of our resources and management's attention. We cannot assure you that we will be able to successfully identify suitable acquisition candidates, complete acquisitions, integrate acquired businesses into our operations, or expand into new markets. Further, once integrated, acquisitions may not achieve comparable levels of revenues, profitability or productivity as our existing business or otherwise perform as expected. The occurrence of any of these events could harm our business, financial condition or results of operations. Future acquisitions may require substantial capital resources, which may require us to seek additional debt or equity financing.

Future acquisitions by us could result in the following, any of which could seriously harm our results of operations or the price of our stock:

issuance of equity securities that would dilute our current stockholders' percentages of ownership;

Table of Contents

large one-time write-offs;

the incurrence of debt and contingent liabilities;

difficulties in the assimilation and integration of operations, personnel, technologies, products and information systems of the acquired companies;

diversion of management's attention from other business concerns;

contractual disputes;

risks of entering geographic and business markets in which we have no or only limited prior experience; and

potential loss of key employees of acquired organizations.

Because the markets in which we compete are subject to rapid changes, our products may become obsolete or unmarketable.

The markets for our products and services are characterized by rapidly changing technology, short product life cycles, evolving industry standards, changes in customer needs, demand for higher levels of integration, growing competition and new product introductions. Our future growth is dependent not only on the continued success of our existing products but also successful introduction of new products. Our ability to adapt to changing technology and anticipate future standards, and the rate of adoption and acceptance of those standards, will be a significant factor in maintaining or improving our competitive position and prospects for growth. If new industry standards emerge, our products or our customers' products could become unmarketable or obsolete, and we could lose market share. We may also have to incur substantial unanticipated costs to comply with these new standards. If our product development and improvements take longer than planned, the availability of our products would be delayed. Any such delay may render our products obsolete or unmarketable, which would have a negative impact on our ability to sell our products and our results of operations.

Because of changing customer requirements and emerging industry standards, we may not be able to achieve broad market acceptance of our products. Our success is dependent, in part, on our ability to:

successfully develop, introduce and market new and enhanced products at competitive prices and in a timely manner in order to meet changing customer needs;

convince leading OEMs to select our new and enhanced products for design into their own new products;

respond effectively to new technological changes or new product announcements by others;

effectively use and offer leading technologies; and

maintain close working relationships with our key customers.

There are no assurances that we will be successful in these pursuits, that the demand for our products will continue or that our products will achieve market acceptance. Our failure to develop and introduce new products that are compatible with industry standards and that satisfy

customer requirements, and the failure of our products to achieve broad market acceptance, could have a negative impact on our ability to sell our products and our results of operations.

Table of Contents

Third party claims of infringement or other claims against us could adversely affect our ability to market our products, require us to redesign our products or seek licenses from third parties, and seriously harm our operating results and disrupt our business.

As is typical in the semiconductor industry, we and our customers have been and may from time to time be notified of claims that we may be infringing patents or intellectual property rights owned by third parties. In addition, patent infringement claims are increasingly being asserted by patent holding companies (so-called patent trolls), which do not use technology and whose sole business is to enforce patents against companies, such as us, for monetary gain. Because such patent holding companies do not provide services or use technology, the assertion of our own patents by way of counter-claim may be ineffective. We have received claims that our products infringe upon the proprietary rights of such patent holding companies. In addition, third parties have asserted and may in the future assert intellectual property infringement claims against our customers, which we have agreed in certain circumstances to indemnify and defend against such claims. If litigation becomes necessary to determine the validity of any third party claims, it could result in significant expense to us and could divert the efforts of our technical and management personnel, whether or not the claim has merit and notwithstanding that the litigation is determined in our favor.

If it appears necessary or desirable, we may try to obtain licenses for those patents or intellectual property rights that we are allegedly infringing. Although holders of these types of intellectual property rights commonly offer these licenses, we cannot assure you that licenses will be offered or that the terms of any offered licenses will be acceptable to us. Our failure to obtain a license for key intellectual property rights from a third party for technology used by us could cause us to incur substantial liabilities, suspend the manufacturing of products utilizing the technology or damage the relationship with our customers. Alternatively, we could be required to expend significant resources to develop non-infringing technology. We cannot assure you that we would be successful in developing non-infringing technology. The occurrence of any of these events could harm our business, financial condition or results of operations.

We may not be able to adequately protect or enforce our intellectual property rights, which could harm our competitive position.

Our success and ability to compete is in part dependent upon our internally-developed technology and other proprietary rights, which we protect through a combination of copyright, trademark and trade secret laws, as well as through confidentiality agreements and licensing arrangements with our customers, suppliers, employees and consultants. In addition, we have filed a number of patents in the United States and in other foreign countries with respect to new or improved technology that we have developed. However, the status of any patent involves complex legal and factual questions, and the breadth of claims allowed is uncertain. Accordingly, we cannot assure you that any patent application filed by us will result in a patent being issued, or that the patents issued to us will not be infringed by others. Also, our competitors and potential competitors may develop products with similar technology or functionality as our products, or they may attempt to copy or reverse engineer aspects of our product line or to obtain and use information that we regard as proprietary. Moreover, the laws of certain countries in which our products are or may be developed, manufactured or sold, including Hong Kong, Japan, Korea and Taiwan, may not protect our products and intellectual property rights to the same extent as the laws of the United States. Policing the unauthorized use of our products is difficult and may result in significant expense to us and could divert the efforts of our technical and management personnel. Even if we spend significant resources and efforts to protect our intellectual property, we cannot assure you that we will be able to prevent misappropriation of our technology. Use by others of our proprietary rights could materially harm our business and expensive litigation may be necessary in the future to enforce our intellectual property rights.

Because our products are complex, the detection of errors in our products may be delayed, and if we deliver products with defects, our credibility will be harmed, the sales and market acceptance of our products may decrease and product liability claims may be made against us.

Our products are complex and may contain errors, defects and bugs when introduced. If we deliver products with errors, defects or bugs, our credibility and the market acceptance and sales of our products could be significantly harmed. Furthermore, the nature of our products may also delay the detection of any such error or defect. If our products contain

Table of Contents

errors, defects and bugs, then we may be required to expend significant capital and resources to alleviate these problems. This could result in the diversion of technical and other resources from our other development efforts. Any actual or perceived problems or delays may also adversely affect our ability to attract or retain customers. Furthermore, the existence of any defects, errors or failures in our products could lead to product liability claims or lawsuits against us or against our customers. We generally provide our customers with a standard warranty for our products, generally lasting one year from the date of purchase. Although we attempt to limit our liability for product defects to product replacements, we may not be successful, and customers may sue us or claim liability for the defective products. A successful product liability claim could result in substantial cost and divert management's attention and resources, which would have a negative impact on our financial condition and results of operations.

We are exposed to the credit risk of our customers and to credit exposures in weakened markets, which could result in material losses.

Most of our sales are on an open credit basis. Because of current conditions in the global economy, our exposure to credit risks relating to sales on an open credit basis has increased. We expect demand for enhanced open credit terms, for example, longer payment terms, to continue and believe that such arrangements are a competitive factor in obtaining business. Although we monitor and attempt to mitigate credit risks, including through insurance coverage from time to time, there can be no assurance that our efforts will be effective. Moreover, even if we attempt to mitigate credit risks through insurance coverage, such coverage may not be sufficient to cover all of our losses and we would be subject to a deductible under any insurance coverage. As a result, our future credit risk exposure may increase. Although any losses to date relating to credit exposure of our customers have not been material, future losses, if incurred, could harm our business and have a material adverse effect on our operating results and financial condition. Moreover, the loss of a customer due to its financial default also could harm our future business and potential growth.

Our executive officers and key personnel are critical to our business, and because there is significant competition for personnel in our industry, we may not be able to attract and retain such qualified personnel.

Our success depends to a significant degree upon the continued contributions of our executive management team, and our technical, marketing, sales customer support and product development personnel. The loss of significant numbers of such personnel could significantly harm our business, financial condition and results of operations. We do not have any life insurance or other insurance covering the loss of any of our key employees. Because our products are specialized and complex, our success depends upon our ability to attract, train and retain qualified personnel, including qualified technical, marketing and sales personnel. However, the competition for personnel is intense and we may have difficulty attracting and retaining such personnel.

We may have exposure to additional tax liabilities as a result of our foreign operations.

We are subject to income taxes in both the United States and various foreign jurisdictions. In addition to our significant operations in Israel, pursuant to the Acquisition, we currently have operations in Germany, Hong Kong and India. Significant judgment is required in determining our worldwide provision for income taxes and other tax liabilities. In the ordinary course of a global business, there are many intercompany transactions and calculations where the ultimate tax determination is uncertain. We are regularly under audit by tax authorities. Our intercompany transfer pricing may be reviewed by the U.S. Internal Revenue Service and by foreign tax jurisdictions. Although we believe that our tax estimates are reasonable, due to the complexity of our corporate structure, the multiple intercompany transactions and the various tax regimes, we cannot assure you that a tax audit or tax dispute to which we may be subject will result in a favorable outcome for us. If taxing authorities do not accept our tax positions and impose higher tax rates on our foreign operations, our overall tax expenses could increase.

Legislative action in the United States could materially and adversely affect us from a tax perspective.

Legislative action may be taken by the U.S. Congress which, if ultimately enacted, would adversely affect our effective tax rate and/or require us to take further action, at potentially significant expense, to seek to preserve our effective tax rate. President Obama's administration has announced budgets, which included proposed future tax

Table of Contents

legislation that could substantially modify the rules governing the U.S. taxation of certain non-U.S. affiliates. These potential changes include, but are not limited to, curbing the deferral of U.S. taxation of certain foreign earnings and limiting the ability to use foreign tax credits. Many details of the proposal remain unknown, and any legislation enacting such modifications would require Congressional support and approval. We cannot predict the outcome of any specific legislative proposals. However, if any of these proposals are enacted into law, they could significantly impact our effective tax rate.

We are exposed to fluctuations in currency exchange rates.

A significant portion of our business is conducted outside the United States. Export sales to manufacturers in Europe and Asia, including Japan and Asia Pacific, represented 99% of our total revenues for the first quarter of 2012. Although most of our revenue and expenses are transacted in U.S. dollars, we may be exposed to currency exchange fluctuations in the future as business practices evolve and we are forced to transact business in local currencies. Moreover, part of our expenses in Israel are paid in Israeli currency, which subjects us to the risks of foreign currency fluctuations between the U.S. dollar and the New Israeli Shekel (NIS) and to economic pressures resulting from Israel's general rate of inflation. Our primary expenses paid in NIS are employee salaries and lease payments on our Israeli facilities. Furthermore, a portion of our expenses for our European operations are paid in the Euro, which subjects us to the risks of foreign currency fluctuations between the U.S. dollar and the Euro. Our primary expenses paid in the Euro are employee salaries, lease and operational payments on our European facilities. As a result, an increase in the value of the NIS and Euro in comparison to the U.S. dollar, which has been the trend in most of the year due to the devaluation of the U.S. dollar, could increase the cost of our technology development, research and development expenses and general and administrative expenses, all of which could harm our operating profit. From time to time, we use derivative instruments in order to minimize the effects of currency fluctuations, but our hedging positions may be partial, may not exist at all in the future or may not succeed in minimizing our foreign currency fluctuation risks. Our financial results may be harmed if the trend relating to the devaluation of the U.S. dollars continues for an extended period.

Because the markets in which we compete are highly competitive, and many of our competitors have greater resources than we do, we cannot be certain that our products will be accepted in the marketplace or capture market share.

The markets in which we operate are extremely competitive and characterized by rapid technological change, evolving standards, short product life cycles and price erosion. We expect competition to intensify as current competitors expand their product offerings and new competitors enter the market. Given the highly competitive environment in which we operate, we cannot be sure that any competitive advantages enjoyed by our current products would be sufficient to establish and sustain our new products in the market. Any increase in price or competition could result in the erosion of our market share, to the extent we have obtained market share, and would have a negative impact on our financial condition and results of operations.

In each of our business activities, we face current and potential competition from competitors that have significantly greater financial, technical, manufacturing, marketing, sales and distribution resources and management expertise than we do. These competitors may also have pre-existing relationships with our customers or potential customers. Further, in the event of a manufacturing capacity shortage, these competitors may be able to manufacture products when we are unable to do so. Our principal competitors in the cordless market include Lantiq and Dialog Semiconductors, and we have also noted efforts by Beken, a Chinese supplier of basebands for analog cordless phones, to penetrate the DECT market. Our principal competitors in the VoIP market include Broadcom, Dialog Semiconductors, Infineon, Texas Instruments and new Taiwanese IC vendors. Our principal competitors in the multimedia market include Wi-Fi and multimedia application processor IC vendors like Atheros, Broadcom, CSR, Freescale, Intel, Marvel, Ralink, Samsung and Texas Instruments.

As discussed above, various new developments in the home residential market may require us to enter into new markets with competitors that have more established presence, and significantly greater financial, technical, manufacturing, marketing, sales and distribution resources and management expertise than we do. The expenditure of greater resources to expand our current product lines and develop a portfolio of system-on-a-chip solutions that

Table of Contents

integrate video, voice, data and communication technologies in a wider multimedia market may increase our operating expenses and reduce our gross profit. We cannot assure you that we will succeed in developing and introducing new products that are responsive to market demands.

An unfavorable government review of our federal income tax returns or changes in our effective tax rates could adversely affect our operating results.

Our future effective tax rates could be adversely affected by earnings being lower than anticipated in countries where we have lower statutory rates and higher than anticipated in countries where we have higher statutory rates, by changes in the valuation of our deferred tax assets and liabilities, or by changes in tax laws, regulations, accounting principles or interpretations thereof. In addition, we are subject to the periodic examination of our income tax returns by the IRS and other tax authorities. We regularly assess the likelihood of adverse outcomes resulting from these examinations to determine the adequacy of our provision for income taxes. The outcomes from these examinations may have an adverse effect on our operating results and financial condition.

Our business operations would be disrupted if the information technology systems we rely on fail to function properly.

We rely on complex information technology systems to manage our business which operates in many geographical locations. For example, to achieve short delivery lead times and superior levels of customer service while maintaining low levels of inventory, we constantly adjust our production schedules with manufacturers and subcontractors. We develop and adjust these schedules based on end customer demand as communicated by our customers and distributors and based on our inventory levels, manufacturing cycle times, component lead times, and projected production yields. We combine and distribute all of this information electronically over a complex global communications network. Our ability to estimate demand and to adjust our production schedules is highly dependent on this network. Any delay in the implementation of, or disruption in the transition to, new or enhanced processes, systems or controls, could adversely affect our ability to manage customer orders and manufacturing schedules, as well as generate accurate financial and management information in a timely manner. These systems are also susceptible to power and telecommunication disruptions and other system failures. Failure of our IT systems or difficulties in managing them could result in business disruption. Our business could be significantly disrupted and we could be subject to third party claims associated with such disruptions.

We may experience difficulties in transitioning to smaller geometry process technologies or in achieving higher levels of design integration, which may result in reduced manufacturing yields, delays in product deliveries and increased expenses.

A growing trend in our industry is the integration of greater semiconductor content into a single chip to achieve higher levels of functionality. In order to remain competitive, we must achieve higher levels of design integration and deliver new integrated products on a timely basis. This will require us to expend greater research and development resources, and may require us to modify the manufacturing processes for some of our products, to achieve greater integration. We periodically evaluate the benefits, on a product-by-product basis, of migrating to smaller geometry process technologies to reduce our costs. Although this migration to smaller geometry process technologies has helped us to offset the declining average selling prices of our products, this effort may not continue to be successful. Also, because we are a fabless semiconductor company, we depend on our foundries to transition to smaller geometry processes successfully. We cannot assure you that our foundries will be able to effectively manage the transition. In case our foundries or we experience significant delays in this transition or fail to efficiently implement this transition, our business, financial condition and results of operations could be materially and adversely affected.

The anti-takeover provisions in our certificate of incorporation and bylaws, as well as our rights plan, could prevent or discourage a third party from acquiring us.

Our certificate of incorporation and bylaws contain provisions that may prevent or discourage a third party from acquiring us, even if the acquisition would be beneficial to our stockholders. We have a staggered board, which means it will generally take two years to change the composition of our board. Our board of directors also has the authority to fix

Table of Contents

the rights and preferences of shares of our preferred stock and to issue such shares without a stockholder vote. Only the Chairman of the board, our Chief Executive Officer or the collective of at least three directors on our board is authorized to call a special meeting of stockholders. Our stockholders may take action only at a meeting of stockholders and not by written consent. We have advance notice procedures for stockholders desiring to nominate candidates for election as directors or to bring matters before an annual meeting of stockholders. We also have a rights plan in place. It is possible that these provisions as well as the rights plan may prevent or discourage third parties from acquiring us. In addition, these factors may also adversely affect the market price of our common stock, and the voting and other rights of the holders of our common stock.

Our stock price may be volatile so you may not be able to resell your shares of our common stock at or above the price you paid for them.

Announcements of developments related to our business, announcements by competitors, quarterly fluctuations in our financial results, changes in the general conditions of the highly dynamic industry in which we compete or the national economies in which we do business, and other factors could cause the price of our common stock to fluctuate, perhaps substantially. In addition, in recent years, the stock market has experienced extreme price fluctuations, which have often been unrelated to the operating performance of affected companies. These factors and fluctuations could have a material adverse effect on the market price of our common stock.

ITEM 2. UNREGISTERED SALES OF EQUITY SECURITIES AND USE OF PROCEEDS.

During the first quarter of 2012, we repurchased approximately 691,000 shares of common stock at an average purchase price of \$6.43 per share for an aggregate purchase price of \$4,442 of which only \$3,968 was paid in cash as of March 31, 2012. The table below sets forth the information with respect to repurchases of our common stock during the three months ended March 31, 2012.

Period	(a) Total Number of Shares Purchased	(b) Average Price Paid per Share	(c) Total Number of Shares Purchased as Part of Publicly Announced Plans or Programs	(d) Maximum Number of Shares that May Yet Be Purchased Under the Plans or Programs (1)
Month #1 (January 1, 2012 to January 31, 2012)				1,591,179
Month #2 (February 1, 2012 to February 29, 2012)	269,429	6.36	269,429	1,321,750
Month #3 (March 1, 2012 to March 31, 2012)				
TOTAL	421,627	6.47	421,627	900,123(1)

(1) The number represents the number of shares of our common stock that remain available for repurchase pursuant to our board's authorizations as of March 31, 2012.

Pursuant to authorizations in March 1999, July 2003, October 2004, January 2007 and January 2008, our board of directors authorized a share repurchase program for the repurchase of an aggregate of 14.9 million shares of our common stock. Also in January 2008, our board approved the company's entry into a share repurchase plan, in accordance with Rule 10b5-1 of the Securities Exchange Act of 1934 (the "Exchange Act"), for the repurchase of 5.0 million of the aggregate shares of our common stock authorized for repurchase, which plan has since expired. In October 2010, our board of directors authorized an increase in the number of shares available for repurchase, thereby increasing the aggregate number of shares authorized for repurchase under our share repurchase program to 2 million shares. In July 2011, our board of directors authorized an increase in the Company's share repurchase program by one million shares of common stock.

In March 2012, our board of directors authorized the entry by the Company into a share repurchase plan, in accordance with Rule 10b5-1 of the Exchange Act, for the repurchase of 750,000 shares of the aggregate number of shares of our common stock authorized for repurchase.

Table of Contents

At March 31, 2012, 900,123 shares of our common stock remained available for repurchase under our board authorized share repurchase program, including the Rule 10b5-1 plan. The repurchase program is being affected from time to time, depending on market conditions and other factors, through open market purchases and privately negotiated transactions. The repurchase program has no set expiration or termination date.

ITEM 6. EXHIBITS.

Exhibit 10.1	Settlement Agreement, dated April 4, 2012, by and between DSP Group, Inc. and Starboard (filed as Exhibit 10.1 to the Registrant's Current Report on Form 8-K filed with the Securities and Exchange Commission on April 5, 2012).
Exhibit 10.2	Amendment to the DSP Group, Inc. Bylaws (filed as Exhibit 10.2 to the Registrant's Current Report on Form 8-K filed with the Securities and Exchange Commission on April 5, 2012).
Exhibit 31.1	Certification of the Chief Executive Officer Pursuant to Section 302 of the Sarbanes-Oxley Act of 2002.
Exhibit 31.2	Certification of the Chief Financial Officer Pursuant to Section 302 of the Sarbanes-Oxley Act of 2002.
Exhibit 32.1	Certification of the Chief Executive Officer Pursuant to Section 906 of the Sarbanes-Oxley Act of 2002.
Exhibit 32.2	Certification of the Chief Financial Officer Pursuant to Section 906 of the Sarbanes-Oxley Act of 2002.
Exhibit 101.INS	XBRL Instance Document
Exhibit 101.SCH	XBRL Taxonomy Extension Schema Document
Exhibit 101.CAL	XBRL Taxonomy Extension Calculation Linkbase Document
Exhibit 101.DEF	XBRL Taxonomy Extension Definition Linkbase Document
Exhibit 101.LAB	XBRL Taxonomy Extension Labels Linkbase Document
Exhibit 101.PRE	XBRL Taxonomy Extension Presentation Linkbase Document

Table of Contents

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.

DSP GROUP, INC.

(Registrant)

Date: May 10, 2012

By: /s/ Dror Levy
Dror Levy, Chief Financial Officer and Secretary
(Principal Financial Officer and Principal Accounting Officer)