

CATALYST SEMICONDUCTOR INC  
Form 10-Q  
March 09, 2007

**UNITED STATES**  
**SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

**FORM 10-Q**

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

For the quarterly period ended January 28, 2007

OR

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

For the transition period from to

0-21488

(Commission File Number)

**CATALYST SEMICONDUCTOR, INC.**

(Exact name of Registrant as specified in its charter)

**Delaware**

(State or other jurisdiction of  
incorporation or organization)

**2975 Stender Way**

**Santa Clara, California**

(Address of Registrant's principal executive offices)

**77-0083129**

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

**95054**

(Zip Code)

**(408) 542-1000**

Edgar Filing: CATALYST SEMICONDUCTOR INC - Form 10-Q

(Registrant's telephone number, including area code)

Indicate by check mark whether the Registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities 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 is a large accelerated filer, an accelerated filer or a non-accelerated filer. See definition of accelerated filer and large accelerated filer in Rule 12(b)(2) of the Exchange Act. (Check one):

Large Accelerated filer  Accelerated filer  Non-accelerated Filer

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

The number of shares outstanding of the Registrant's Common Stock as of February 28, 2007 was 16,411,187 exclusive of 6,711,682 shares of treasury stock.

---

CATALYST SEMICONDUCTOR, INC.

TABLE OF CONTENTS

**PART I. FINANCIAL INFORMATION**

<b><u>Item 1.</u></b>	<u>Financial Statements:</u>	
	<u>Unaudited Condensed Consolidated Balance Sheets at January 31, 2007 and April 30, 2006</u>	<u>3</u>
	<u>Unaudited Condensed Consolidated Statements of Income for the three and nine months ended January 31, 2007 and 2006</u>	<u>4</u>
	<u>Unaudited Condensed Consolidated Statements of Cash Flows for the nine months ended January 31, 2007 and 2006</u>	<u>5</u>
	<u>Notes to Unaudited Condensed Consolidated Financial Statements</u>	<u>6</u>
<b><u>Item 2.</u></b>	<u>Management's Discussion and Analysis of Financial Condition and Results of Operations</u>	<u>19</u>
<b><u>Item 3.</u></b>	<u>Quantitative and Qualitative Disclosures About Market Risk</u>	<u>27</u>
<b><u>Item 4.</u></b>	<u>Controls and Procedures</u>	<u>27</u>

**PART II. OTHER INFORMATION**

<b><u>Item 1.</u></b>	<u>Legal Proceedings</u>	<u>28</u>
<b><u>Item 1A.</u></b>	<u>Risk Factors</u>	<u>28</u>
<b><u>Item 2.</u></b>	<u>Unregistered Sales of Equity Securities and Use of Proceeds</u>	<u>36</u>
<b><u>Item 3.</u></b>	<u>Default Upon Senior Securities</u>	<u>37</u>
<b><u>Item 4.</u></b>	<u>Submission of Matters to a Vote of Security Holders</u>	<u>37</u>
<b><u>Item 5.</u></b>	<u>Other Information</u>	<u>37</u>
<b><u>Item 6.</u></b>	<u>Exhibits</u>	<u>38</u>

**SIGNATURES**

**EXHIBIT INDEX**

**Part I. Financial Information****Item 1. Financial Statements****CATALYST SEMICONDUCTOR, INC.****UNAUDITED CONDENSED CONSOLIDATED BALANCE SHEETS****(In thousands, except per share data)**

	<b>January 31, 2007</b>	<b>April 30, 2006</b>
<b>ASSETS</b>		
Current assets:		
Cash and cash equivalents	\$ 7,608	\$ 7,730
Short-term investments	18,152	21,409
Accounts receivable, net	11,073	9,502
Inventories	12,788	14,262
Deferred tax assets	2,771	2,771
Other current assets	383	484
<b>Total current assets</b>	<b>52,775</b>	<b>56,158</b>
Property and equipment, net	11,572	9,408
Deferred tax assets	4,759	4,759
Other assets	60	95
<b>Total assets</b>	<b>\$ 69,166</b>	<b>\$ 70,420</b>
<b>LIABILITIES AND STOCKHOLDERS EQUITY</b>		
Current liabilities:		
Accounts payable	\$ 5,965	\$ 7,453
Accounts payable related parties	113	143
Accrued expenses	2,543	3,002
Deferred gross profit on shipments to distributors	2,048	2,292
<b>Total current liabilities</b>	<b>10,669</b>	<b>12,890</b>
Commitments and contingencies (Note 8)		
Stockholders' equity:		
Preferred stock, \$0.001 par value, 2,000 shares authorized; no shares issued and outstanding		
Common stock, \$0.001 par value, 45,000 shares authorized; 23,117 shares issued and 16,405 shares outstanding at January 31, 2007 and 22,808 shares issued and 16,350 shares outstanding at April 30, 2006	23	23
Additional paid-in-capital	72,252	70,461
Treasury stock, 6,712 shares at January 31, 2007 and 6,458 shares at April 30, 2006	(27,560)	(26,672)
Retained earnings	13,787	13,759
Accumulated other comprehensive loss	(5)	(41)
<b>Total stockholders' equity</b>	<b>58,497</b>	<b>57,530</b>
<b>Total liabilities and stockholders' equity</b>	<b>\$ 69,166</b>	<b>\$ 70,420</b>

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

## CATALYST SEMICONDUCTOR, INC.

## UNAUDITED CONDENSED CONSOLIDATED STATEMENTS OF INCOME

(In thousands, except per share data)

	Three Months Ended January 31,		Nine Months Ended January 31,	
	2007	2006	2007	2006
Net revenues	\$ 16,417	\$ 14,423	\$ 47,952	\$ 46,030
Cost of revenues (A)	10,576	8,208	31,420	27,659
Gross profit	5,841	6,215	16,532	18,371
Operating expenses:				
Research and development (A)	1,915	1,891	5,741	5,692
Selling, general and administrative (A)	3,987	3,283	11,747	9,999
Income (loss) from operations	(61 )	1,041	(956 )	2,680
Interest income and other, net	333	362	977	841
Income before income taxes	272	1,403	21	3,521
Income tax provision (benefit)	161	539	(7 )	1,235
Net income	\$ 111	\$ 864	\$ 28	\$ 2,286
Net income per share:				
Basic	\$ 0.01	\$ 0.05	\$ 0.00	\$ 0.14
Diluted	\$ 0.01	\$ 0.05	\$ 0.00	\$ 0.13
Weighted average common shares outstanding:				
Basic	16,359	16,739	16,331	16,770
Diluted	17,200	18,090	17,246	18,174

(A) Results for the three and nine months ended January 31, 2007 and 2006 include stock-based compensation expense as follows:

	Three Months Ended January 31,		Nine Months Ended January 31,	
	2007	2006	2007	2006
	(In thousands)			
Cost of revenues	\$ 16	\$	\$ 42	\$
Research and development	215		574	
Selling, general and administrative	326		1,078	

See accompanying notes to the unaudited condensed consolidated financial statements.

## CATALYST SEMICONDUCTOR, INC.

## UNAUDITED CONDENSED CONSOLIDATED STATEMENTS OF CASH FLOWS

(In thousands)

	Nine Months Ended January 31,	
	2007	2006
<b>Cash flows from operating activities:</b>		
Net income	\$ 28	\$ 2,286
Adjustments to reconcile net income to net cash provided by operating activities:		
Depreciation of property and equipment	1,444	1,389
Stock-based compensation	1,694	
Provision for excess and obsolete inventory	1,235	728
Benefit from sale of previously written down inventory	(358 )	(401 )
Tax benefits of options		522
Changes in assets and liabilities:		
Accounts receivable	(1,571 )	(546 )
Inventories	598	(920 )
Other assets	136	369
Accounts payable (including related parties)	(1,518 )	(802 )
Accrued expenses	(459 )	(356 )
Deferred gross profit on shipments to distributors	(244 )	(1 )
Net cash provided by operating activities	985	2,268
<b>Cash flows from investing activities:</b>		
Purchases of short-term investments	(25,511 )	(18,683 )
Proceeds from sales and maturities of short-term investments	28,803	19,790
Acquisitions of property and equipment	(3,607 )	(1,517 )
Net cash used in investing activities	(315 )	(410 )
<b>Cash flows from financing activities:</b>		
Common stock issuances	97	960
Treasury stock purchases	(889 )	(2,583 )
Net cash used in financing activities	(792 )	(1,623 )
Net increase (decrease) in cash and cash equivalents	(122 )	235
Cash and cash equivalents at beginning of the period	7,730	10,978
Cash and cash equivalents at end of the period	\$ 7,608	\$ 11,213

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

**CATALYST SEMICONDUCTOR, INC.**

**NOTES TO UNAUDITED CONDENSED CONSOLIDATED FINANCIAL STATEMENTS**

**Note 1 Basis of Presentation**

Catalyst Semiconductor, Inc. (the Company), was founded in October 1985, and designs, develops and markets a broad line of reprogrammable non-volatile memory and analog/mixed-signal products.

In the opinion of the management of the Company, the unaudited condensed consolidated interim financial statements included herein have been prepared on the same basis as the Company's April 30, 2006 audited consolidated financial statements and include all adjustments, consisting only of normal recurring adjustments, necessary to fairly state the information set forth herein. For further information, refer to the consolidated financial statements and footnotes thereto included in the Company's Annual Report on Form 10-K for the year ended April 30, 2006. The year-end condensed consolidated balance sheet data was derived from audited financial statements, but does not include all disclosures required by accounting principles generally accepted in the United States of America (U.S. GAAP).

The Company's fiscal year is the 52 or 53 week period ending on the Sunday closest to April 30. In a 52 week year, each fiscal quarter consists of 13 weeks. Fiscal year 2006 was comprised of 52 weeks. Fiscal year 2007 will be comprised of 52 weeks. For ease of presentation, all periods are presented as if they ended on month end. All references to the quarter refer to the Company's fiscal quarter. The fiscal quarter covered by this report ended on January 28, 2007.

***Principles of Consolidation***

The consolidated financial statements include the accounts of Catalyst Semiconductor, Inc. and its wholly owned subsidiaries. All significant intercompany accounts and transactions are eliminated in consolidation.

***Uses of Estimates***

The preparation of financial statements in conformity with U.S.GAAP requires management to make estimates and assumptions that affect the amounts reported in the financial statements and accompanying notes. Estimates in these financial statements include inventory valuation, stock-based compensation, deferral of gross profit on shipments of inventory not sold by the distributors at the end of the period, reserves for stock rotation on sales to distributors, the original equipment manufacturers (OEMs) sales return reserve, reserve for warranty costs, allowances for doubtful accounts receivable and income taxes. Actual results could differ from those estimates.

**Note 2 Significant Accounting Policies**

***Cash and Cash Equivalents***

All highly liquid investments purchased with an original maturity of three months or less are considered cash equivalents.

***Short-term Investments***

All of the Company's short-term investments are classified as available-for-sale. Investments in available-for-sale securities are reported at fair value with unrealized gains and losses, being recorded net of related tax, as a component of accumulated other comprehensive income (loss).

***Accounts Receivable***

The Company's accounts receivable are reported net of an allowance for doubtful accounts. The Company estimates the collectibility of its accounts receivable at the end of each reporting period. The Company analyzes the aging of accounts receivable and bad debt history, payment history, customer concentration, customer credit worthiness and current economic trends when evaluating the adequacy of the allowance for doubtful accounts. The Company maintains an allowance for doubtful accounts, which is created by charges to selling, general and administrative expenses in the condensed consolidated statements of operations.

***Fair Value of Financial Instruments***

The Company measures its financial assets and liabilities in accordance with U.S. GAAP. For financial instruments, including cash and cash equivalents, short-term investments, accounts receivable, accounts payable and accrued expenses, the carrying amounts approximate fair value

due to their short maturities.

6

---



### ***Foreign Currency Translation***

The Company uses the U.S. dollar as its functional currency. All of the Company's sales and a substantial majority of its costs are transacted in U.S. dollars. The Company purchases wafers and has test and assembly activities in Asia and supports sales and marketing activities in various countries outside of the United States. Most of these costs are paid for with U.S. dollars. Research and development personnel costs in Romania are tracked against the euro while all other activities are paid in Romanian leu. Sales and marketing activities in Japan are paid in Japanese yen. Foreign currency transaction gains and losses, resulting from remeasuring local currency to the U.S. dollar, are included in determining net income (loss) for the period. The foreign exchange gains and losses were not material for the periods presented.

### ***Recognition of Revenues***

The Company generally recognizes revenues as products are shipped if evidence of an arrangement exists, the customer has taken title to the products, services, if any, have been rendered, the sales price is fixed or determinable, collection of the resulting receivable is reasonably assured and product returns are reasonably estimable.

The Company markets and sells products directly through its sales force and sales representatives to OEMs and indirectly through distributors and resellers who sell to their end customers. Revenues are recognized upon delivery to OEMs and resellers who have no, or limited, product return rights and no price protection rights. Reserves for estimated returns and allowances are provided against net revenues at the time of recognition of revenues. The Company also sells products to certain distributors under agreements that provide for product return and price protection rights. These agreements generally permit the distributor to return up to 10% by value of the total products they purchased from the Company every six months. As a result, the Company defers recognition of revenues until the time the distributor sells the product to an end-customer, at which time the sales price becomes fixed. Upon shipment to a distributor, the Company records an account receivable from the distributor, relieves inventory for the cost of the product shipped, and records the gross profit, which equals revenues less the cost of revenues, on the consolidated balance sheet as deferred gross profit on shipments to distributors until such time as the inventory is resold by the distributor to its end-customers.

### ***Inventories***

Inventory is stated at the lower of standard cost or net realizable value. Standard cost approximates actual cost on a first-in, first-out basis. The Company periodically reviews its inventory for slow moving or obsolete items and writes down the related products to estimated net realizable value. Inventory writedown or provisions once established are not reversed until the related inventory has been sold or physically scrapped.

### ***Shipping and Handling Costs***

The Company charges inbound freight shipments within the supply chain and associated handling costs to the cost of revenues on its condensed consolidated statements of operations. The Company charges outbound freight shipments and associated handling costs to selling, general and administrative on its condensed consolidated statements of operations. Such outbound freight costs aggregated to \$189,000 and \$171,000 for the three months ended January 31, 2007 and 2006, respectively, and to \$508,000 and \$457,000 for the nine months ended January 31, 2007 and 2006, respectively.

### ***Property and Equipment***

Property and equipment are stated at cost less accumulated depreciation and amortization. Depreciation is calculated on a straight-line basis over the estimated useful lives of the assets. Furniture, office equipment and engineering/test equipment are depreciated over five years with the exception of production mask sets which are depreciated over two years. Computer hardware is depreciated over three years. Computer software is depreciated over three or five years. Buildings are generally depreciated over 30 years. Amortization of leasehold improvements is computed on a straight-line basis and amortized over the shorter of the remaining lease term or the estimated useful lives of the assets.

### ***Concentration of Credit Risk***

Financial instruments, which potentially subject the Company to concentrations of credit risk, consist principally of cash and cash equivalents, short-term investments and accounts receivable. Cash and cash equivalents and short-term investments are maintained with high quality financial institutions. The Company's accounts receivable are denominated in U.S. dollars and are derived from sales to customers located principally in North America, Europe and Asia. The Company performs ongoing credit evaluations of its customers and generally does not require collateral.

Edgar Filing: CATALYST SEMICONDUCTOR INC - Form 10-Q

As of January 31, 2007, Avnet, Inc., an international distributor, represented 11.4% of gross accounts receivable. As of April 30, 2006, no single customer accounted for greater than 10% of gross accounts receivable.

7

---

### ***Concentration of Other Risks***

The semiconductor industry is characterized by rapid technological change, competitive pricing pressures and cyclical market patterns. The Company's financial results are affected by a wide variety of factors, including general economic conditions worldwide, economic conditions specific to the semiconductor industry, the timely implementation of new manufacturing process technologies and the ability to safeguard patents and intellectual property in a rapidly evolving market. In addition, the semiconductor market has historically been cyclical and subject to significant economic downturns at various times. As a result, the Company may experience significant period to period fluctuations in operating results due to the factors mentioned above or other factors.

### ***Advertising Costs***

Costs related to advertising and promotional expenditures are charged to selling, general and administrative on the Company's consolidated statements of operations. Such advertising and promotional expenditures were less than \$50,000 in each of the three months ended January 31, 2007 and 2006 and less than \$125,000 in each of the nine months ended January 31, 2007 and 2006.

### ***Accumulated Other Comprehensive Income (Loss)***

Accumulated other comprehensive income (loss) includes all changes in stockholders' equity during a period from non-owner sources. Accumulated other comprehensive income (loss) for the Company is comprised of unrealized gains (losses) on securities available-for-sale, net of tax.

### ***Segment Reporting***

The Company reports in accordance with Statement of Financial Accounting Standards (SFAS) No. 131, *Disclosures about Segments of an Enterprise and Related Information* (SFAS No. 131). SFAS No. 131 requires the management approach in identifying reportable segments. The management approach designates the internal organization that is used by management for making operating decisions and assessing performance as the source of the company's reportable segments. Based on its operating structure and management reporting, the Company has concluded it has one reporting segment: the semiconductor segment.

### ***Reclassifications***

Certain prior year balances have been reclassified to conform to current year presentations. These reclassifications had no impact on total assets, income (loss) from operations or net income (loss).

### ***Recent Accounting Pronouncements***

In September 2006, the Financial Accounting Standards Board (FASB) issued SFAS No. 157, *Fair Value Measurements* (SFAS No. 157). SFAS No. 157 defines fair value, establishes a framework and gives guidance regarding the methods used for measuring fair value, and expands disclosures about fair value measurements. SFAS No. 157 is effective for financial statements issued for fiscal years beginning after November 15, 2007, and interim periods within those fiscal years. The adoption of this standard is not expected to have a material impact on the consolidated financial statements.

In July 2006, the FASB issued FASB Interpretation Number 48, *Accounting for Uncertainty in Income Taxes - an interpretation of FAS 109*. This Interpretation clarifies the accounting for uncertainty in income taxes recognized in an enterprise's financial statements in accordance with FASB Statement No. 109, *Accounting for Income Taxes*. This interpretation prescribes a recognition threshold and measurement attribute for the financial statement recognition and measurement of a tax position taken or expected to be taken in a tax return. This interpretation also provides guidance on derecognition, classification, interest and penalties, accounting in interim periods, disclosure, and transition. The guidance will become effective as of the beginning of a company's fiscal year beginning after December 15, 2006. The Company is currently assessing the impact, if any, of adopting this standard on the Company's financial position, results of operations and liquidity.

On September 13, 2006, the Securities and Exchange Commission (SEC) issued Staff Accounting Bulletin No. 108, which provides interpretive guidance on how the effects of the carryover or reversal of prior year misstatements should be considered in quantifying a current year misstatement. The guidance is applicable for the Company's fiscal 2007. The Company is currently assessing the impact, if any, of adopting this standard on the Company's financial position, results of operations and liquidity.



In February 2007, the FASB issued SFAS No. 159, *The Fair Value Option for Financial Assets and Financial Liabilities, including an amendment of FASB Statement No. 115* ( SFAS No. 159 ). SFAS No. 159 permits entities to choose to measure many financial instruments and certain other items at fair value that are not currently required to be measured at fair value. Unrealized gains and losses on items for which the fair value option has been elected are reported in earnings. SFAS No. 159 does not affect any existing accounting literature that requires certain assets and liabilities to be carried at fair value. SFAS No. 159 is effective for fiscal years beginning after November 15, 2007. We do not expect our adoption of this new standard to have a material effect on our financial position, results of operations or cash flows.

### Note 3 Stock-Based Compensation

Effective May 1, 2006, the Company adopted the provisions of SFAS No. 123 (revised 2004), *Share-Based Payments* ( SFAS No. 123(R) ). SFAS No. 123(R) establishes accounting for stock-based awards exchanged for employee services. Accordingly, stock-based compensation cost is measured at the grant date, based on the fair value of the awards, and is recognized as expense over the requisite employee service period.

#### *Prior to the adoption of SFAS No. 123(R)*

Prior to the adoption of SFAS No. 123(R), the Company applied APB Opinion No. 25, *Accounting for Stock Issued to Employees* ( APB No. 25 ), and related interpretations to account for stock-based employee compensation plans. As such, compensation expense was recorded if, on the date of grant, the current fair value per share of the underlying stock exceeded the exercise price per share. The Company provided the disclosures required under SFAS No. 123, *Accounting for Stock-Based Compensation* ( SFAS No. 123 ), as amended by SFAS No. 148, *Accounting for Stock-Based Compensation - Transition and Disclosures*, in periodic reports.

The pro forma information required under SFAS No. 123(R) for periods prior to fiscal 2007, as if the Company had applied the fair value recognition provisions of SFAS No. 123 to awards granted under equity incentive plans, was as follows for the three and nine months ended January 31, 2006 (in thousands, except per share amounts):

	<b>Three Months Ended January 31, 2006</b>	<b>Nine Months Ended January 31, 2006</b>
Reported net income	\$ 864	\$ 2,286
Deduct: Stock-based employee compensation expense determined under fair value based method for all awards, net of tax	(492)	(1,549)
As adjusted net income	\$ 372	\$ 737
As adjusted net income per share:		
Basic	\$ 0.02	\$ 0.05
Diluted	\$ 0.02	\$ 0.04
Reported net income per share:		
Basic	\$ 0.05	\$ 0.14
Diluted	\$ 0.05	\$ 0.13

**Impact of the adoption of SFAS No. 123(R)**

The Company elected to adopt the modified prospective application method beginning May 1, 2006 as provided by SFAS No. 123(R).

Accordingly, during the three and nine months ended January 31, 2007, the Company recorded stock-based compensation expense equal to the amount that would have been recognized if the fair value method required for pro forma disclosure under SFAS No. 123 had been in effect for expense recognition purposes, adjusted for estimated forfeitures, and stock-based compensation expense for the fair value of options granted or modified during the three and nine months ended January 31, 2007, net of forfeitures as calculated under SFAS No.123(R). The Company recognized stock-based compensation expense using the straight-line attribution method. Previously reported amounts have not been restated. The effect of recording stock-based compensation for the three and nine months ended January 31, 2007 was as follows (in thousands, except per share amounts):

	<b>Three Months Ended January 31, 2007</b>	<b>Nine Months Ended January 31, 2007</b>
Stock-based compensation expense:		
Employee stock options	\$ 527	\$ 1,664
Restricted stock	30	30
Total stock-based compensation expense	557	1,694
Tax effect of stock-based compensation	(105)	(246)
Net effect on net income	\$ 452	\$ 1,448
Effect on net income per share:		
Basic	\$ 0.03	\$ 0.09
Diluted	\$ 0.03	\$ 0.08

Prior to adopting SFAS No. 123(R), the Company presented all tax benefits resulting from the exercise of stock options as operating cash flows in the condensed consolidated statement of cash flows. However, as required by the adoption of SFAS No. 123(R) beginning May 1, 2006, the Company began classifying cash flows resulting from excess tax benefits as a part of cash flows from financing activities. Excess tax benefits are realized tax benefits from tax deductions for exercised options in excess of the deferred tax asset attributable to stock-based compensation for such options. The change in classification on the condensed consolidated statement of cash flows was immaterial because minimal stock options were exercised during the nine months ended January 31, 2007.

As of May 1, 2006, the Company had unearned stock-based compensation related to stock options of \$4.1 million before the impact of estimated forfeitures. In the pro forma footnote disclosures prior to the adoption of SFAS No. 123(R), the Company accounted for forfeitures upon occurrence. SFAS No 123(R) requires forfeitures to be estimated at the time of grant and revised, if necessary, in subsequent periods if actual forfeitures differ from those estimates.

During the three months ended January 31, 2007, the Company granted approximately 154,000 stock options with an estimated total grant date fair value of \$183,000 and a weighted average grant date fair value of \$1.19 per option. During the three and nine months ended January 31, 2007, the Company recorded stock-based compensation expense related to stock options of \$527,000 and \$1.7 million, respectively.

During the three months ended January 31, 2007, the Company granted 225,000 shares of restricted stock with a total grant date fair value of \$732,000 and a weighted average grant date fair value of \$3.25 per share. The restricted stock vests over a period of three years with 1/3 of the grant vesting at the end of each year. During the three and nine months ended January 31, 2007, the Company recorded stock-based compensation expense related to restricted stock of \$30,000 and \$30,000, respectively.

As of January 31, 2007, the aggregate amount of unearned stock-based compensation expense, net of estimated forfeitures, related to stock options was \$3.8 million, which the Company will recognize, over an estimated weighted average amortization period of 2.7 years.

As of January 31, 2007, the aggregate amount of unearned stock-based compensation expense, net of estimated forfeitures, related to restricted stock was \$674,000, which the Company will recognize over an estimated weighted average amortization period of 2.9 years.

Stock-based compensation expense capitalized in inventory at January 31, 2007 was immaterial.



**Valuation Assumptions**

During the three and nine months ended January 31, 2007 and 2006, the Company continued to utilize the Black-Scholes model for calculating the estimated fair value of stock-based compensation awards granted under the Company's stock option plans. The expected term and volatility estimates are based on the Company's historical experience. The fair value of stock options granted under the Company's stock option plans were estimated at the date of grant using a straight-line attribution method with the following weighted average assumptions:

	<b>Stock Options Three Months Ended (Using a Black-Scholes Model)</b>				<b>January 31, 2006</b>	
	<b>January 31, 2007</b>				<b>All Employees</b>	
	<b>Directors and Officers</b>		<b>Other Employees</b>			
Expected life (in years)	3.2		2.9		5.3	
Risk free interest rate	4.67	%	4.67	%	4.32	%
Volatility	38.3	%	36.4	%	63.6	%
Dividend yield						

	<b>Stock Options Nine Months Ended (Using a Black-Scholes Model)</b>				<b>January 31, 2006</b>	
	<b>January 31, 2007</b>				<b>All Employees</b>	
	<b>Directors and Officers</b>		<b>Other Employees</b>			
Expected life (in years)	3.1		2.9		5.3	
Risk free interest rate	4.82	%	4.82	%	4.09	%
Volatility	41.0	%	40.4	%	65.6	%
Dividend yield						

**Equity Incentive Programs:****Overview**

The Company considers equity compensation to be long term compensation and an integral component of efforts to attract and retain exceptional executives, senior management and world-class employees. The Company believes that properly structured equity compensation aligns the long-term interests of stockholders and employees by creating a strong, direct link between employee compensation and stock appreciation, as stock options are only valuable to the Company's employees if the value of the Company's common stock increases after the date of grant.

The Company's board of directors has approved a common stock repurchase program that is described below.

**2003 Stock Incentive Plan**

In October 1989, the Company adopted a founder stock plan for incentive stock options and non-statutory stock options. The founder stock plan was amended and restated in March 1993 as the Stock Option Plan, which had the effect of extending its expiration date to March 2003. In January 1999 and September 2000, the stockholders authorized an additional 1.8 million shares and 2.5 million shares, respectively, to be reserved under the 1993 Stock Option Plan (the "1993 Plan"). In December 2002, the stockholders approved an amendment and restatement of the 1993 Plan, renaming it the 2003 Stock Incentive Plan ("SIP"), extending its expiration date to November 2012, authorized an additional 1.0 million shares and a provision to automatically authorize annual additions to the plan on the first day of each fiscal year of 1.0 million shares or 5% of the then outstanding shares, whichever is less. A total of 7.4 million shares of common stock have been reserved for issuance under the SIP. The SIP allows for the issuance of incentive and non-statutory stock options, restricted stock, restricted stock units and stock appreciation rights. Options granted under the SIP are for periods not to exceed 10 years. Incentive stock option and non-statutory stock option grants under the SIP generally must be at prices equal to 100% of the fair market value of the stock at the date of grant. Options generally vest over four years. Restricted stock units represent the right to receive shares of common stock in the future, with the right to future delivery of the shares



## Edgar Filing: CATALYST SEMICONDUCTOR INC - Form 10-Q

subject to a risk of forfeiture or other restrictions that will lapse upon satisfaction of specified conditions.

On November 28, 2006, the compensation committee of the board of directors approved the grant of restricted stock to certain executive officers of the Company pursuant to the Company's SIP. The grant of the restricted stock to each of the executive officers vest over a period of three years with 1/3 of the grant vesting at the end of each year.

11

---

**2003 Director Stock Option Plan**

During 1993, the Company adopted the 1993 Director Stock Option Plan (the 1993 Director SOP), which provides for the grant of non-statutory stock options to non-employee directors. In November 1999 and September 2000, the stockholders authorized an additional 100,000 and 450,000 shares, respectively, to be reserved under the 1993 Director SOP. In December 2002, the stockholders approved an amendment and restatement of the 1993 Director SOP, renaming it the 2003 Director Stock Option Plan (the 2003 Director SOP) and extending its expiration date to November 2012. A total of 770,000 shares of common stock have been reserved for issuance under the 2003 Director SOP. Options granted under the 2003 Director SOP prior to May 1, 2000 were for periods not to exceed five years and not to exceed a period of 10 years for grants made thereafter. Option grants under the 2003 Director SOP must be at prices equal to 100% of the fair market value of the stock at the date of grant. Options granted prior to December 2002 vested over a period of three years. Options granted beginning in December 2002 vest immediately as of the date of the grant.

**1998 Special Equity Incentive Plan**

In December 1998, the Company adopted an additional stock option plan entitled the 1998 Special Equity Incentive Plan (SEIP) for incentive stock options and non-statutory stock options for certain directors, officers and consultants of the Company. A total of 3.5 million shares of common stock have been reserved for issuance under the SEIP. Options granted under the SEIP are for periods not to exceed 10 years. Options generally vest over four years.

A summary of stock option and restricted stock activity under the SIP, the 2003 Director SOP and the SEIP is as follows (in thousands except per share amounts):

	Shares Available for Grant	Options Outstanding	Weighted Average Exercise Price Per Share	Weighted Average Remaining Contractual Term (in years)	Aggregate Intrinsic Value
Balances, May 1, 2006	1,276	5,662	\$ 4.22		
Granted - stock options	(119 )	119	4.21		
Cancelled	25	(25 )	5.93		
Expired	55	(55 )	4.99		
Balances, July 31, 2006	1,237	5,701	\$ 4.23	6.7	\$ 3,026
Granted - stock options	(496 )	496	3.22		
Exercised		(31 )	0.25		
Cancelled	8	(8 )	4.31		
Expired	12	(12 )	3.02		
Balances, October 31, 2006	761	6,146	\$ 4.13	6.7	\$ 2,587
Granted - stock options	(154 )	154	3.65		
Granted - restricted stock	(225 )			2.9	\$ 732
Exercised		(52 )	1.70		
Cancelled	7	(7 )	4.60		
Expired	33	(33 )	5.31		
Balances, January 31, 2007	422	6,208	\$ 4.14	6.6	\$ 3,120
Options exercisable at January 31, 2007		4,359	\$ 4.08	5.7	\$ 2,962

The aggregate intrinsic value in the table above represents the total pretax intrinsic value for in-the-money options as of January 31, 2007, based on the \$3.45 closing stock price of our common stock on the NASDAQ Global Market, which would have been received by the option holders had all option holders exercised their options as of that date. The total number of in-the-money options outstanding and exercisable as of January 31, 2007 was 2,594,000 and 2,028,000, respectively.

**During the three and nine months ended January 31, 2007:**

Edgar Filing: CATALYST SEMICONDUCTOR INC - Form 10-Q

	Three Months Ended January 31, 2007		Nine Months Ended January 31, 2007	
	\$	per share	\$	per share
The weighted average grant date fair value of options granted	\$ 1.19	per share	\$ 1.14	per share
Total fair value of shares vested	\$ 527,000		\$ 1,883,000	
Total intrinsic value of options exercised	\$ 81,000		\$ 174,000	
Total cash received from employees as a result of employee stock option exercises	\$ 89,000		\$ 97,000	
Tax benefits realized as a result of employee stock option exercises	\$ 21,000		\$ 23,000	

12

---

## Edgar Filing: CATALYST SEMICONDUCTOR INC - Form 10-Q

The Company settles employee stock option exercises with newly issued shares of common stock. The Company does not have any equity instruments outstanding other than the options and restricted stock described above as of January 31, 2007.

### **2001 Common Stock Repurchase Program**

In September 2001, the Company's board of directors authorized a program for the open market repurchase of up to 1.5 million shares of its common stock. In subsequent periods, the board of directors amended the program and authorized the purchase up to an aggregate of 3.5 million shares. Upon reaching the maximum number of shares authorized under this program, the board of directors authorized a new stock repurchase program in September 2005 to repurchase up to 1.0 million shares of its common stock. In subsequent periods, the board of directors amended the program and authorized the purchase of up to an aggregate of 2.0 million shares. The purpose of these share repurchase programs are to reduce the long-term potential dilution in earnings per share that might result from issuances under the Company's stock option plans and to take advantage of the relatively low price of the Company's common stock. During the three months ended January 31, 2007, 134,600 shares were repurchased for an approximate cost of \$472,000. During the three months ended January 31, 2006, 180,591 shares were repurchased for an approximate cost \$898,000. The Company accounts for treasury stock using the cost method. Of the 2.0 million shares currently authorized by the Company's board of directors for repurchase, the Company has repurchased a total of 1,111,619 shares and, as of January 31, 2007, can repurchase a total of 888,381 additional shares.

### **Note 4 Net Income Per Share**

Basic net income per share is computed by dividing net income available to common stockholders (numerator) by the weighted average number of common shares outstanding (denominator) during the period. Diluted net income per share is computed using the weighted number of common shares and potentially dilutive common shares outstanding during the period under the treasury stock method. Under the treasury stock method, the effect of stock options outstanding is not included in the computation of diluted net income per share for periods when their effect is anti-dilutive, which in the current period includes consideration of unearned stock-based compensation as required by SFAS No. 123(R). In computing diluted net income per share, the average stock price for the period is used in determining the number of shares assumed to be purchased from the exercise of stock options. A reconciliation of the basic and diluted per share computations is as follows (in thousands, except per share data):

	Three Months Ended January 31, 2007			2006		
	Net Income	Shares	Per Share Amount	Net Income	Shares	Per Share Amount
Basic	\$ 111	16,359	\$ 0.01	\$ 864	16,739	\$ 0.05
Effect of stock options and restricted stock		841			1,351	
Diluted	\$ 111	17,200	\$ 0.01	\$ 864	18,090	\$ 0.05

Options to purchase approximately 3,634,000 shares of common stock at a weighted average exercise price of \$5.49 per share outstanding during the three months ended January 31, 2007 were not included in the computation of diluted income per share because their option price was greater than the average fair market value for the period. Options to purchase approximately 2,041,000 shares of common stock at a weighted average exercise price of \$6.52 per share outstanding during the three months ended January 31, 2006 were not included in the computation of diluted income per share because their option price was greater than the average fair market value for the period.

A reconciliation of the basic and diluted per share computations for the nine months ended January 31, 2007 and January 31, 2006 is as follows (in thousands, except per share data):

	Nine Months Ended January 31, 2007			2006		
	Net Income	Shares	Per Share Amount	Net Income	Shares	Per Share Amount

Edgar Filing: CATALYST SEMICONDUCTOR INC - Form 10-Q

Basic	\$ 28	16,331	\$ 0.00	\$ 2,286	16,770	\$ 0.14
Effect of stock options and restricted stock		915			1,404	(0.01 )
Diluted	\$ 28	17,246	\$ 0.00	\$ 2,286	18,174	\$ 0.13

13

---

Options to purchase approximately 3,571,000 shares of common stock at a weighted average exercise price of \$5.52 per share outstanding during the nine months ended January 31, 2007 were not included in the computation of diluted income per share because their option price was greater than the average fair market value for the period. Options to purchase approximately 2,219,000 shares of common stock at a weighted average exercise price of \$6.43 per share outstanding during the nine months ended January 31, 2006 were not included in the computation of diluted income per share because their option price was greater than the average fair market value for the period.

#### Note 5 Balance Sheet Components

	January 31, 2007			Estimated Fair Market Value
	Cost (In thousands)	Gross Unrealized Gains	Gross Unrealized (Losses)	
Investments available-for-sale:				
U.S. government debt securities with maturities less than one year	\$ 17,261	\$	\$ (8 )	\$ 17,253
U.S. government debt securities with maturities more than one year	\$ 900	\$	\$ (1 )	\$ 899
	\$ 18,161	\$	\$ (9 )	\$ 18,152

	April 30, 2006			Estimated Fair market Value
	Cost (In thousands)	Gross Unrealized Gains	Gross Unrealized (Losses)	
Investments available-for-sale:				
U.S. government debt securities with maturities less than one year	\$ 21,474	\$	\$ (65 )	\$ 21,409

The net unrealized gains (losses) as of January 31, 2007 and April 30, 2006 are recorded in accumulated other comprehensive loss, net of related tax of \$4,000 and \$24,000, respectively.

The financial instruments in short-term investments are highly liquid and can be converted to cash and cash equivalents without restriction and, accordingly, are classified as current assets in the accompanying condensed consolidated balance sheets.

	January 31, 2007 (In thousands)	April 30, 2006
Accounts receivable:		
Accounts receivable	\$ 11,211	\$ 9,640
Less: Allowance for doubtful accounts	(138 )	(138 )
	\$ 11,073	\$ 9,502

Edgar Filing: CATALYST SEMICONDUCTOR INC - Form 10-Q

The Company did not have any bad debts written off to the allowance for doubtful accounts in the three months or nine months ended January 31, 2007 and 2006.

	January 31, 2007 (In thousands)	April 30, 2006
<b>Inventories:</b>		
Work-in-process	\$ 9,482	\$ 9,220
Finished goods	3,306	5,042
	\$ 12,788	\$ 14,262
<b>Property and equipment, net:</b>		
Buildings and improvements	\$ 5,424	\$ 2,045
Engineering and test equipment	11,303	9,962
Computer software	1,803	1,779
Computer hardware	674	589
Land	2,525	165
Leasehold improvements	47	671
Furniture and office equipment	701	838
Construction in progress		3,746
Vehicles	68	69
	22,545	19,864
Less: Accumulated depreciation and amortization	(10,973 )	(10,456 )
Total property and equipment, net	\$ 11,572	\$ 9,408
<b>Accrued expenses:</b>		
Accrued employee compensation	\$ 709	\$ 866
Accrued income taxes	715	746
Other	1,119	1,390
	\$ 2,543	\$ 3,002

**Note 6 Income Taxes**

The provision for income taxes was \$161,000, or 59.2% of income before taxes, for the three months ended January 31, 2007. The provision for income taxes was \$539,000, or 38.4% of income before taxes, for the three months ended January 31, 2006. The income tax rate provision for the three months ended January 31, 2007 was higher than the income tax rate provision for the three months ended January 31, 2006 primarily due to the non-deductible stock-based compensation expense associated with incentive stock options, as a result of SFAS 123(R).

The benefit from income taxes was \$7,000 or 33.3% of income before taxes, for the nine months ended January 31, 2007. The provision for income taxes was \$1.2 million, or 35.1% of income before taxes, for the nine months ended January 31, 2006. The benefit for income taxes resulted primarily from recognition in the quarter ended January 31, 2007 of a benefit related to research credits for fiscal 2006 upon enactment of the related tax law.

**Note 7 Segment Reporting**

The Company operates in one business segment, the semiconductor segment. Sales transactions are denominated in U.S. dollars.

Net revenues by product group were as follows (in thousands):

	Three Months Ended		Nine Months Ended	
	January 31, 2007	2006	January 31, 2007	2006
EEPROM	\$ 13,987	\$ 11,971	\$ 40,558	\$ 39,008
Flash	1,124	1,329	3,366	3,587
Analog/mixed-signal	1,306	1,123	4,028	3,435
Total net revenues	\$ 16,417	\$ 14,423	\$ 47,952	\$ 46,030

Net revenues by geography were as follows (in thousands):

	Three Months Ended		Nine Months Ended	
	January 31, 2007	2006	January 31, 2007	2006
United States	\$ 1,017	\$ 1,707	\$ 4,165	\$ 5,321
Hong Kong/China	3,756	4,212	9,972	13,506
Japan	1,689	1,928	5,656	6,478
Europe	1,699	1,822	5,397	5,244
South Korea	2,295	1,603	5,798	4,795
Taiwan	1,975	2,138	6,032	6,431
Other Far East	3,305	907	9,367	3,894
Other Americas	681	106	1,565	361
Total net revenues	\$ 16,417	\$ 14,423	\$ 47,952	\$ 46,030

For the three months ended January 31, 2007, Avnet, Inc. ( Avnet ), an international distributor, represented 11.0% of the Company's net revenues. For the three months ended January 31, 2006, Avnet represented 15.1% of the Company's net revenues.

For the nine months ended January 31, 2007, Avnet represented 10.8% of the Company's net revenues. For the nine months ended January 31, 2006, Avnet represented 14.0% of the Company's net revenues.

Property and equipment, net was located as follows (in thousands):

	January 31, 2007	April 30, 2006
United States	\$ 13,877	\$ 12,010
Romania	2,965	2,874
Thailand	2,769	2,695
Japan	2,684	2,191
Other	250	94
	22,545	19,864
Accumulated depreciation and amortization	(10,973)	(10,456)
Total property and equipment, net	\$ 11,572	\$ 9,408



## **Note 8 Commitments and Contingencies**

### ***Purchase Commitments***

Purchase commitments for open purchase orders at January 31, 2007 for which goods and services had not been received were approximately \$5.1 million, as compared to approximately \$6.2 million at April 30, 2006.

### ***Litigation and Other Claims***

In the normal course of business, the Company periodically receives notification of threats of legal action in relation to claims of patent infringement by the Company. Currently there are no such active actions.

### ***Guarantees***

In November 2002, the FASB issued FASB Interpretation No. 45, *Guarantor's Accounting and Disclosure Requirements for Guarantees, Including Indirect Guarantees of Indebtedness of Others* (FIN 45). The Company applies the disclosure provisions of FIN 45 to its agreements that contain guarantee or indemnification clauses. FIN 45 requires that a liability be recorded in the guarantor's balance sheet upon issuance of a guarantee. In addition, FIN 45 requires disclosures about the guarantees that an entity has issued, including a reconciliation of changes in the entity's product warranty liabilities. These disclosure provisions expand those required by SFAS No. 5, *Accounting for Contingencies*, by requiring that guarantors disclose certain types of guarantees, even if the likelihood of requiring the guarantor's performance is remote. The following is a description of significant arrangements through which the Company is a guarantor:

### ***Indemnification Obligations***

The Company is a party to a variety of agreements pursuant to which it may be obligated to indemnify the other party with respect to certain matters. Typically, these obligations arise in the context of contracts entered into by the Company, under which the Company customarily agrees to hold the other party harmless against losses arising from a breach of representations and covenants related to such matters as title to assets sold and certain intellectual property rights. Generally, payment by the Company is conditioned on the other party making a claim pursuant to the procedures specified in the particular contract, which procedures typically allow the Company to challenge the other party's claims. Further, the Company's obligations under these agreements may be limited in terms of time and/or amount, and in some instances, the Company may have recourse against third parties for certain payments made by it under these agreements.

It is not possible to predict the maximum potential amount of future payments under these or similar agreements due to the conditional nature of the Company's obligations and the unique facts and circumstances involved in each particular agreement. Historically, payments made by the Company under these agreements have not had a material effect on its business, financial condition, cash flows or results of operations. The Company believes that if it were to incur a loss in any of these matters, such loss should not have a material effect on its business, financial condition, cash flows or results of operations.

### ***Product Warranties***

The Company estimates its product warranty costs based on historical warranty claim experience and applies this estimate to the revenue stream for products under warranty. Included in the Company's sales returns reserves are estimated return exposures associated with product warranties. Estimated future costs for warranties applicable to revenues recognized in the current period are charged to the Company's cost of revenues. The warranty accrual is reviewed quarterly to verify that it properly reflects the remaining obligations based on the anticipated expenditures over the balance of the obligation period. Adjustments are made when actual claim experience differs from estimates. Warranty costs were less than \$25,000 for each of the three months ended January 31, 2007 and 2006 and less than \$75,000 for each of the nine months ended January 31, 2007 and 2006.

**Note 9 Related Party Transactions***Elex N.V.*

During the fourth quarter of fiscal 2000, the Company began taking delivery of wafers fabricated at X-FAB Texas, Inc. ( X-FAB ) a wholly owned subsidiary of Elex N.V. ( Elex ), a Belgian holding company. Roland Duchâtelet, the chairman and chief executive officer of Elex, serves as a member of the Company's board of directors. Elex initially became a related party in 1998 through the purchase of 5.5 million restricted shares of the Company's common stock. As of January 31, 2007, Elex held 728,700 shares of the Company's common stock, or 4.4% of the outstanding shares of common stock of the Company.

The wafers provided by X-FAB include most of the Company's analog/mixed-signal products and supplement some of the same EEPROM designs fabricated at various other foundries the Company utilizes. Other than purchase orders currently open with X-FAB, there is no purchasing agreement in place with X-FAB.

During the nine months ended January 31, 2007 and 2006, the Company purchased \$824,000 and \$1.7 million of wafers and masks, respectively, from X-FAB. As of January 31, 2007 and April 30, 2006, the total amount owed X-FAB by the Company was \$113,000 and \$143,000, respectively. The Company believes that the terms of these transactions were no less favorable than reasonably could be expected to be obtained from unaffiliated parties.

**Note 10 Other Comprehensive Income**

The components of other comprehensive income, net of tax, are presented in the following table (in thousands):

	Three Months Ended January 31,		Nine Months Ended January 31,	
	2007	2006	2007	2006
Reported net income	\$ 111	\$ 864	\$ 28	\$ 2,286
Other comprehensive income:				
Unrealized gain (loss) on available-for-sale investments, net of related tax	7	5	36	28
Total comprehensive income	\$ 118	\$ 869	\$ 64	\$ 2,314

**Note 11 Subsequent Events**

On February 14, 2007, the Company offered a stock option exchange program (the Exchange Offer) to its employees and consultants, other than its non-employee directors, giving them the right to tender all outstanding and unexercised options that have a per share exercise price equal to \$4.00 or higher of the Company's common stock, whether vested or unvested, that have been granted under its SEIP and/or SIP. All options tendered will receive a non-statutory stock option to purchase one (1) share for every two (2) exchanged incentive or non-statutory stock options pursuant to the Exchange Offer. The eligible options may be exchanged for new options that will be granted under either the Company's SEIP and/or SIP, respectively, depending on which plan the exchanged options originated from. Regardless of whether the original options were vested, the new options will vest as to 1/36th of the shares subject to the new option each month commencing one month after the new option grant date. Vesting is subject to continued active service with the Company on each relevant vesting date. New options granted to the executive officers pursuant to the SIP will receive additional vesting and an extended period of exercise if they are terminated under certain conditions. The Exchange Offer is scheduled to close on March 16, 2007 and the Company expects the new option grant date to be the same date. A maximum of 3,093,664 shares are eligible to participate in the Exchange offer, which would result in the issuance of 1,546,832 shares on the scheduled close date of the Exchange Offer.

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

### **Forward-Looking Statements**

*This Quarterly Report on Form 10-Q contains forward-looking statements within the meaning of Section 27A of the Securities Act of 1933 and Section 21E of the Securities Exchange Act of 1934, which involve risks and uncertainties. Our actual results could differ materially from those anticipated in these forward-looking statements as a result of certain factors that include, but are not limited to, the risks discussed in Part II, Item 1A Risk Factors and elsewhere in this Quarterly Report on Form 10-Q. These forward-looking statements include, but are not limited to, the statements relating to: downward pricing trends; average selling prices; the increasing portion of our net revenues from analog/mixed-signal products the sufficiency of our cash resources; use of critical accounting estimates; use of equity incentive plans; and cash flows to fund our operating and capital requirements and the risks associated with seeking additional financing. These forward-looking statements are based on current expectations and entail various risks and uncertainties that could cause actual results to differ materially from those projected in the forward-looking statements.*

### **Overview**

We design, develop and market a broad line of reprogrammable non-volatile memory products and analog/mixed-signal products. Our products are used by manufacturers of electronic products in a wide range of consumer, computing, communications, industrial and automotive applications. We generally target high volume markets for our cost effective, high quality products. We have been a committed long-term supplier of memory products including through periods of tight manufacturing capacity and cyclical market downturns.

The market for our non-volatile memory is highly competitive and market participants have relatively weak pricing power. Average selling prices of our non-volatile memory products have declined over time and prices are sensitive to conditions in our OEM customers' target markets. For example, in fiscal 2006, we experienced a downward trend in average selling prices and unit volumes for our non-volatile memory products due to weakening market demand. In general, we expect the average selling price for a given memory product to decline in the future, primarily due to market competition, product availability and manufacturing capacity. In response to that trend, we continue to work with our foundries and other vendors to increase the manufacturing efficiency of our products.

We are leveraging our extensive experience in high volume, reprogrammable memory products to develop complementary analog/mixed-signal products that offer our customers a more complete system solution. In fiscal 2003, we strengthened and expanded the expertise of our research and development team by establishing our own development center in Bucharest, Romania and by hiring additional engineers in Romania and in our California headquarters. In fiscal 2005, we purchased a new building in Bucharest for our Romanian product development team. We continue to make substantial investments in research and development to advance our non-volatile memory products, as well as develop broader solutions with our line of analog/mixed-signal products.

Sales of our analog/mixed-signal products continue to trend upwards, reaching 8.4% of net revenues in the nine months ended January 31, 2007 as compared to 7.5% of net revenues in the similar period in the prior year.

Our business is less capital intensive than traditional semiconductor companies because we outsource the manufacturing, assembling and a significant portion of the testing of our products to third parties. We strive to maintain long-term relationships with our suppliers to ensure stability in our supply of products at a competitive cost. In addition, in an effort to alleviate any potential wafer capacity constraints, we maintain a supply of wafers in a die bank for most products.

We market and sell our products directly through our sales force and sales representatives to OEMs and indirectly through distributors and resellers who sell to their end customers. Indirect sales were a majority of our total sales in fiscal 2006 and for the nine months ended January 31, 2007. Our total customer base, including OEMs and end-customers of our distributors and resellers, is relatively diverse and during fiscal 2006 consisted of more than 3,400 customers. We have approximately 40 distributors and resellers.

For the nine months ended January 31, 2007 and 2006, Avnet represented 10.8% and 14.0%, respectively, of our net revenues.

Our sales are initiated by purchase orders received from our customers and are typically shipped within a few weeks of receiving the order. Since industry practice allows customers to reschedule or cancel orders on relatively short notice, we do not use backlog to forecast our future net revenues. Cancellations of customer orders, distributor price protection and distributor stock rotation rights, all industry standards, could result in the loss of future net revenues without allowing us sufficient time to reduce our inventory and operating expenses.

Sales to customers outside the United States comprised the vast majority of our net revenues in recent periods. This increasing growth in net revenues to customers outside the United States was consistent with the trend towards outsourcing of the manufacturing process, particularly to

companies who manufacture in Asia. Substantially all sales of our products are denominated in U.S. dollars, minimizing the effects of currency fluctuations.

19

---

### **Description of Operating Accounts**

*Net Revenues.* Net revenues consist of product sales, net of returns and allowances.

*Gross Profit.* Gross profit is net revenues less cost of revenues and is affected by a number of factors, including competitive pricing, product mix, foundry pricing, the cost of test and assembly services and manufacturing yields. Cost of revenues consists primarily of costs of manufacturing, assembly and testing of our products as well as compensation (including stock-based compensation) and associated costs related to manufacturing support, inbound freight shipments and quality assurance personnel. It also can include, on occasion, adjustments to inventory valuations based on demand and average selling prices expected in future periods.

*Research and Development.* Research and development expense consists primarily of compensation (including stock-based compensation) and associated costs for engineering, technical and support personnel, contract engineering services, depreciation of equipment and cost of wafers and mask sets used to evaluate new products and new versions of current products.

*Selling, General and Administrative.* Selling, general and administrative expense consists primarily of compensation (including stock-based compensation) and associated costs for sales, marketing and administrative personnel, commissions, promotional activities, bad debt expense, outbound freight shipments, professional fees and director and officer insurance.

### **Critical Accounting Estimates**

The preparation of our consolidated financial statements and related disclosures in conformity with accounting principles generally accepted in the United States requires us to make estimates and judgments that affect the reported amounts of assets, liabilities, revenue, cost of revenues, expenses and related disclosure of contingencies. On an on-going basis, we evaluate our estimates, including those related to revenue recognition, inventory valuation, accounts receivable and allowance for doubtful accounts, stock-based compensation and income taxes. We base our estimates on historical experience and on various other assumptions that are believed to be reasonable under the circumstances, and apply them on a consistent basis. We believe that such consistent application results in condensed consolidated financial statements and accompanying notes that fairly represent our financial condition, operating results and cash flows for all periods presented. However, any factual errors or errors in these estimates and judgments may have a material impact on our financial conditions, operating results and cash flows.

### **Recognition of Revenues**

We generally recognize revenues as products are shipped if all of the following criteria are met:

- we have evidence that a sales arrangement exists;
- our customer has taken title to the products;
- we have performed the services, if any;
- the sales price is fixed or determinable;
- we believe that collection of the resulting receivable is reasonably assured; and
- we can reasonably estimate product returns.

We sell our products directly through our sales force and sales representatives to OEMs and indirectly through distributors and resellers who sell to their end customers. We recognize revenues upon delivery to OEM customers and resellers who have no, or limited, product return rights and no price protection rights. We deem that delivery occurs when legal title and the risk of loss transfers to the customer. Delivery is generally

## Edgar Filing: CATALYST SEMICONDUCTOR INC - Form 10-Q

defined by the customers' shipping terms, as stated in the related purchase order. If the customers' purchase orders do not define the shipping terms, the shipping terms will be Ex-Works as defined in our invoice. We record an estimated allowance for returns from OEM customers and resellers, based on a percentage of our revenues. This estimate is based on historical averages.

20

---

We sell products to certain distributors under agreements that provide for product return and price protection rights. These agreements generally permit the distributor to return up to 10% by value of the total products that the distributor has purchased from us every six months. We defer recognition of revenues until the time the distributor resells the product to an end-customer, at which time the sales price becomes fixed. On a monthly basis, we receive point of sales and ending inventory information from each distributor. Using this information, we determine the amount of revenues to recognize. For distributors who have product return rights, we also record an inventory reserve to address the cost of products we anticipate that we will not be able to resell after their return by the distributors. For distributors who have price protection rights, distributors may take the associated credits immediately and in general, we process the credits one or two months after the credit is earned by the distributor. We record a reserve to cover the estimated liability of those unprocessed credits. We re-evaluate our revenue recognition policies periodically and no less often than annually.

We defer the recognition of revenue for certain resellers who have no product return rights and no price protection rights. In accordance with our policy, we will generally defer the recognition of revenue for certain resellers based on their high dollar volume of purchases.

#### ***Inventory Valuation***

We value our inventory at the lower of standard cost or net realizable value. Standard cost approximates actual cost on a first-in, first-out basis. We routinely evaluate the value and quantities of our inventory in light of the current market conditions and market trends and we record reserves for quantities in excess of demand, cost in excess of market value and product age. Our analysis may take into consideration historical usage, expected demand, anticipated sales price, new product development schedules, the effect new products might have on the sales of existing products, product age, customer design activity, customer concentration and other factors. Our forecasts for our inventory may differ from actual inventory use. The lives of our products are usually long and obsolescence has not been a significant factor historically in the valuation of our inventories.

We reduce the value of our inventory by analyzing on-hand quantities and open purchase orders which are in excess of demand equal to the cost of inventory that exceeds expected demand for approximately the next 12 to 15 months. We make judgments in establishing these reserves and do not establish reserves if we believe we can sell the excess inventory. If market conditions are less favorable than those we estimate, we may be required to write down inventory. If we overestimate the future selling prices, we will incur additional losses when the inventory is sold for a lower price or when we establish additional write downs to cover the even lower estimated sales price. Once written down, we establish a new cost basis and accordingly we do not reverse inventory provisions until the associated inventory has been sold or physically scrapped.

#### ***Allowance for Doubtful Accounts***

We estimate the collectibility of our accounts receivable at the end of each reporting period. We analyze the aging of accounts receivable and bad debt history, payment history, customer concentration, customer credit worthiness and current economic trends when evaluating the adequacy of the allowance for doubtful accounts. We maintain an allowance for doubtful accounts, which is created by charges to selling, general and administrative expenses. Our accounts receivable balance was \$11.1 million, net of allowance for doubtful accounts of \$138,000, as of January 31, 2007.

#### ***Stock-Based Compensation***

Effective May 1, 2006, we adopted the provisions of Statement of Financial Accounting Standards ( SFAS ) No. 123 (revised 2004), *Share-Based Payments* ( SFAS No. 123(R) ). We estimate the fair value of stock options using the Black-Scholes model, consistent with the provisions of SFAS No. 123(R) and Securities and Exchange Commission ( SEC ) Staff Accounting Bulletin No. 107, *Share-Based Payment* .. Option-pricing models require the input of highly subjective assumptions, including the price volatility of the underlying stock. The expected term assumption used in calculating the estimated fair value of our stock-based compensation awards using the Black-Scholes model is based primarily on detailed historical data about employees' exercise behavior, vesting schedules, and death and disability probabilities. In addition, we are required to estimate the expected forfeiture rate and only recognize expense for those shares expected to vest. We estimate the forfeiture rate based on historical experience of our stock-based awards that have been granted, exercised and cancelled. Stock-based compensation is amortized on a straight-line basis and allocated to cost of revenues, research and development and sales, general and administrative expenses in the accompanying condensed consolidated statements of operations based on the related employee's function.

#### ***Income Taxes***

As part of the process of preparing our consolidated financial statements, we are required to estimate our income taxes in each of the jurisdictions in which we operate. This process involves estimating our current tax exposure and assessing temporary differences resulting from differing treatment of items, such as deferred revenues, for tax and accounting purposes. These differences result in deferred tax assets and liabilities, which are included on our balance sheet on a net basis. We then assess the likelihood that our deferred tax assets will be recovered

from future taxable income and to the extent we establish a valuation allowance or increase this allowance in a period, we will include an additional tax provision in the statement of operations.

21

---



## Edgar Filing: CATALYST SEMICONDUCTOR INC - Form 10-Q

We reassess and may adjust the estimated tax rate quarterly. We apply the current tax rate to our year-to-date income (loss) and our tax provision and related accrual is adjusted accordingly. Our effective income tax benefit rate was 33.3% for the nine months ended January 31, 2007 and effective income tax expense rate was 35.1% for the nine months ended January 31, 2006.

We make significant judgments in determining our provision for income taxes, our deferred tax assets and any valuation allowance recorded against our net deferred tax asset. As of January 31, 2007, our gross deferred tax assets, consisting primarily of net operating loss carryforwards, tax credit carryforwards and nondeductible reserves and accruals, were valued at \$7.5 million and our valuation allowance was zero as we have concluded that it is more likely than not that such assets will be realized.

We have concluded that all of our deferred tax assets will be realizable, based on available objective evidence and our history of taxable income.

### Results of Operations

The following table sets forth the results of our operations as a percentage of net revenues for the periods indicated:

	Three Months Ended January 31, 2007		Nine Months Ended January 31, 2006	
Net revenues	100.0	%	100.0	%
Cost of revenues	64.4		65.5	
Gross profit	35.6		34.5	
Operating expenses:				
Research and development	11.7		12.0	
Selling, general and administrative	24.3		24.5	
Income (loss) from operations	(0.4)	)	(2.0)	)
Interest income and other, net	2.1		2.1	
Income (loss) before income taxes	1.7		0.1	
Income tax provision	1.0			
Net income	0.7	%	0.1	%

### Comparison of the three months ended January 31, 2007 and January 31, 2006

The following table sets forth net revenues (in thousands) and percentage of net revenues by product group:

	Three Months Ended January 31, 2007				2006			
EEPROM	\$	13,987	85.2	%	\$	11,971	83.0	%
Flash		1,124	6.8			1,329	9.2	
Analog/mixed-signal		1,306	8.0			1,123	7.8	
Net revenues	\$	16,417	100.0	%	\$	14,423	100.0	%

*Net Revenues.* Our net revenues increased approximately \$2.0 million or 13.8%, to \$16.4 million for the three months ended January 31, 2007 from \$14.4 million for three months ended January 31, 2006. The increase in net revenues was primarily due to higher EEPROM product sales volume, which led to increased net revenues from our EEPROM products of \$2.0 million, or 16.8%, to \$14.0 million for the three months ended January 31, 2007 from \$12.0 million for the three months ended January 31, 2006. In addition, sales to OEMs and resellers increased \$3.3 million, but were offset by a decrease of \$1.4 million in sales through distributors.

Sales to customers outside the United States represented approximately 93.8% of net revenues for the three months ended January 31, 2007 as compared to 88.2% of net revenues for the three months ended January 31, 2006.



*Gross Profit.* Gross profit decreased \$374,000 or 6.0%, to \$5.8 million for the three months ended January 31, 2007 from \$6.2 million for three months ended January 31, 2006. The decrease in gross profit was primarily due to declining overall average selling prices resulting from increased market competition and product mix. The benefit from sales of previously written down inventory was \$97,000 for the three months ended January 31, 2007 and \$103,000 for the three months ended January 31, 2006. The provision recorded for excess and obsolete inventory was \$426,000 for the three months ended January 31, 2007 and \$185,000 for the three months ended January 31, 2006. The net impact of these inventory provisions was a decrease in gross profit of \$329,000 for the three months ended January 31, 2007 and a decrease in gross profit of \$82,000 for the three months ended January 31, 2006.

*Research and Development.* Research and development expense was flat at \$1.9 million for the three month periods ended January 31, 2007 and 2006. As a percentage of net revenues, research and development expense was 11.7% and 13.1% for the three months ended January 31, 2007 and 2006, respectively. For the three months ended January 31, 2007, we experienced an increase in payroll and related costs of approximately \$158,000, of which \$215,000 related to stock-based compensation costs resulting from our adoption of SFAS 123(R), offset by a decrease in bonuses earned. This increase in payroll and related costs was offset primarily by a decrease in depreciation, amortization and occupancy costs of \$167,000.

*Selling, General and Administrative.* Selling, general and administrative expense increased \$704,000, or 21.4%, to \$4.0 million for the three months ended January 31, 2007 from \$3.3 million for the three months ended January 31, 2006. As a percentage of net revenues, selling, general and administrative expense was 24.3% and 22.8% for the three months ended January 31, 2007 and 2006, respectively. The increase was primarily attributable to charges of \$326,000 related to stock-based compensation costs resulting from our adoption of SFAS 123(R) and an increase in commissions of \$228,000 related to net revenue growth. In addition, advertising, publications and professional services expenses increased by \$168,000.

*Interest Income and Other, net.* We earned interest income and other, net, of \$333,000 for the three months ended January 31, 2007 compared to interest income and other, net, of \$362,000 for the three months ended January 31, 2006. Our rate of return on our average balance of cash, cash equivalents and short-term investments was approximately 4.9% for the three months ended January 31, 2007 and approximately 3.7% for the three months ended January 31, 2006. The decrease in interest income and other, net, was primarily attributable to our lower average cash, cash equivalents and short-term investment balances.

*Income Tax Provision.* The provision for income taxes was \$161,000, or 59.2% of income before taxes, for the three months ended January 31, 2007. The provision for income taxes was \$539,000, or 38.4% of income before taxes, for the three months ended January 31, 2006. The income tax rates are impacted by the level of tax credits when compared to pretax income and the effect of stock-based compensation expense recorded where a substantial portion of the charge relates to non-deductible incentive stock options. The benefit for income taxes resulted primarily from recognition in the quarter ended January 31, 2007 of a benefit related to research credits for fiscal 2006 upon enactment of the related tax law.

#### Comparison of the nine months ended January 31, 2007 and January 31, 2006

The following table sets forth net revenues (in thousands) and percentage of net revenues by product group:

	Nine Months Ended January 31,							
	2007			2006				
EEPROM	\$	40,558	84.6	%	\$	39,008	84.7	%
Flash		3,366	7.0			3,587	7.8	
Analog/mixed-signal		4,028	8.4			3,435	7.5	

## Edgar Filing: CATALYST SEMICONDUCTOR INC - Form 10-Q

Net revenues	\$	47,952	100.0	%	\$	46,030	100.0	%
--------------	----	--------	-------	---	----	--------	-------	---

*Net Revenues.* Our net revenues increased approximately \$2.0 million, or 4.2%, to \$48.0 million for the nine months ended January 31, 2007 from \$46.0 million for the nine months ended January 31, 2006. The increase in net revenues was primarily due to an increase of approximately \$1.5 million in our EEPROM products sales and an increase of approximately \$600,000 for analog/mixed-signal products. In addition, sales to OEMs and resellers increased \$6.5 million, but were offset by a decrease of \$4.8 million in sales through distributors.

Sales to customers outside the United States represented approximately 91.3% of net revenues for the nine months ended January 31, 2007 as compared to 88.4% of net revenues for the nine months ended January 31, 2006.

*Gross Profit.* Gross profit decreased \$1.9 million, or 10.0%, to \$16.5 million for the nine months ended January 31, 2007 from \$18.4 million for the nine months ended January 31, 2006. The decrease in gross profit was primarily attributable to a decline in the average selling prices of our products due to product mix and higher production costs for the nine months ended January 31, 2007. The benefit from sales of previously written down inventory was \$358,000 for the nine months ended January 31, 2007 and \$401,000 for the nine months ended January 31, 2006. The provision for excess and obsolete

inventory was \$1.2 million for the nine months ended January 31, 2007 and \$728,000 for the nine months ended January 31, 2006. The net impact of these inventory provisions was a decrease in gross profit of \$877,000 for the nine months ended January 31, 2007 and a decrease in gross profit of \$327,000 for the nine months ended January 31, 2006.

*Research and Development.* Research and development expense was flat at \$5.7 million for the nine month periods ended January 31, 2007 and 2006. As a percentage of net revenues, research and development expense was 12.0% and 12.4% for the nine months ended January 31, 2007 and 2006, respectively. For the nine months ended January 31, 2007, we experienced an increase in payroll and related costs of approximately \$553,000, of which \$574,000 related to stock-based compensation costs resulting from our adoption of SFAS 123(R), offset by a decrease in bonuses earned. These amounts were offset by a decrease in depreciation and amortization of \$337,000, materials and equipment costs of \$119,000 and occupancy costs of \$54,000.

*Selling, General and Administrative.* Selling, general and administrative expense increased \$1.7 million, or 17.5%, to \$11.7 million for the nine months ended January 31, 2007 from \$10.0 million for the nine months ended January 31, 2006. As a percentage of net revenues, selling, general and administrative expense was 24.5% and 21.7% for the nine months ended January 31, 2007 and 2006, respectively. The increase was primarily attributable to a \$1.2 million increase in salary and benefits, of which \$1.1 million was related to stock-based compensation costs resulting from our adoption of SFAS 123(R). In addition, professional services fees increased by \$225,000 mainly due to consulting work related to Section 404 compliance, commissions and freight increased by \$170,000 due to net revenue growth, and travel, advertising and promotions increased by \$138,000 as a result of greater sales and marketing efforts.

*Interest Income and Other, net.* We earned interest income and other, net, of \$977,000 for the nine months ended January 31, 2007, as compared to interest income and other, net, of \$841,000 for the nine months ended January 31, 2006. The increase in interest income and other, net, primarily relates to a higher rate of return, despite the lower average balances of our cash, cash equivalents and short-term investments for the nine months ended January 31, 2007. Our rate of return was approximately 4.7% for the nine months ended January 31, 2007 compared to approximately 3.2% for the nine months ended January 31, 2006.

*Income Tax Provision (Benefit).* The benefit from income taxes was \$7,000, or 33.3% of net income before taxes, for the nine months ended January 31, 2007. The provision for income taxes was \$1.2 million, or 35.1% of net income before taxes, for the nine months ended January 31, 2006. The income tax rate of the nine months ended January 31, 2006 is higher than the income tax rate benefit for the nine months ended January 31, 2007 primarily due to the non-deductible stock compensation charges associated with incentive stock options, as a result of SFAS 123(R). The benefit for income taxes resulted primarily from recognition in the quarter ended January 31, 2007 of a benefit related to research credits for fiscal 2006 upon enactment of the related tax law.

#### **Liquidity and Capital Resources**

At January 31, 2007, we had cash, cash equivalents and short-term investments of \$25.8 million compared to \$29.1 million at April 30, 2006. During the nine months ended January 31, 2007, we repurchased 253,400 shares of our common stock for approximately \$889,000. Additionally, employees exercised stock options to generate \$97,000 during the nine months ended January 31, 2007. We invest our excess cash in short-term financial instruments to generate interest income. These instruments are U.S. government debt securities, the majority of which have maturities that are less than one year. They are highly liquid and can be converted to cash at any time.

Historically, our primary source of cash has been provided through operations and the issuance of our common stock. Our historical uses of cash have primarily been for operating activities as well as capital expenditures. Supplemental information pertaining to our historical sources and uses of cash is presented as follows and should be read in conjunction with our Unaudited Condensed Consolidated Statements of Cash Flows and notes thereto:

<b>Nine Months Ended</b>	
<b>January 31,</b>	
<b>2007</b>	<b>2006</b>

Edgar Filing: CATALYST SEMICONDUCTOR INC - Form 10-Q

	(In thousands)	
Net cash provided by operating activities	\$ 985	\$ 2,268
Net cash proceeds from sales and (purchases) of short-term investments	3,292	1,107
Acquisitions of property and equipment	(3,607 )	(1,517 )
Treasury stock purchases	(889 )	(2,583 )

*Net Cash from Operating Activities*

In the nine months ended January 31, 2007, we generated cash in operating activities of \$1.0 million, which was primarily due to net income of \$28,000, adjusted for depreciation and amortization of \$1.4 million and other non-cash items such as stock-based compensation of \$1.7 million, as well as an additional increase in inventory provisions of \$1.2 million. Cash provided in operating activities

included the sale of previously written down inventory of \$358,000 and the effect of decreases in inventory of \$598,000, offset by increases in accounts receivable of \$1.6 million, due in part to the increase in net revenues and timing of shipments and collections. In addition, we made significant payments to vendors during the nine months ended January 31, 2007 for amounts that became due as a result of our increased purchases of inventory in prior periods. As a result, accounts payable and accrued liabilities decreased by \$2.0 million for the nine months ended January 31, 2007. Deferred gross profit from distributors decreased \$244,000 for the nine months ended January 31, 2007.

In the nine months ended January 31, 2006, we generated operating cash flows of \$2.3 million which was primarily due to net income of \$2.3 million, adjusted for depreciation and amortization of \$1.4 million. Non-cash items included an increase in inventory reserves of \$728,000 and a tax benefit of \$522,000 related to the exercise of employee stock options. The sale of previously written down inventory provided cash of \$401,000. Cash used by operating activities included an increase in gross inventory of \$920,000 due to faster delivery times from our suppliers, a decrease in accounts payable of \$802,000 related to a decrease in inventory purchases near the end of the quarter and an increase in accounts receivable of \$546,000 related to the timing of recording sales relative to the prior year.

#### *Net Cash from Investing Activities*

In the nine months ended January 31, 2007, investing activities used \$315,000, primarily related to the proceeds from the sales and maturities of our short-term investments of \$28.8 million and purchases of short-term investments of \$25.5 million. We had capital expenditures of \$3.6 million, mostly for construction costs related to our newly acquired headquarters building, as well as for production mask sets and equipment.

In the nine months ended January 31, 2006, investing activities used \$410,000, primarily related to the proceeds from the sales and maturities of our short-term investments of \$19.8 million and purchases of short-term investments of \$18.7 million. We purchased \$1.5 million of property and equipment, mostly production mask sets and test equipment.

#### *Net Cash from Financing Activities*

In the nine months ended January 31, 2007, net cash used in our financing activities was \$792,000, consisting primarily of \$889,000 used to repurchase an aggregate of 253,400 shares of our common stock on the open market during the nine months ended January 31, 2007 offset by proceeds of \$97,000 from the sale of common stock through the exercise of stock options.

In the nine months ended January 31, 2006, net cash used in our financing activities was \$1.6 million, consisting primarily of \$2.6 million used to repurchase an aggregate of 524,759 shares of our common stock on the open market during the nine months ended January 31, 2006, partially offset by proceeds of \$960,000 from the sale of common stock through the exercise of stock options.

#### *Common Stock Repurchase Plans*

In September 2001, our board of directors authorized a program for the open market repurchase of up to 1.5 million shares of our common stock. In subsequent periods, our board of directors amended the program and authorized purchases up to an aggregate of 3.5 million shares of our common stock. Upon reaching the maximum number of shares authorized under this program, our board of directors authorized a new stock repurchase program in September 2005 to repurchase up to 1.0 million shares of its common stock. In subsequent periods, our board of directors amended the program and authorized the purchase of up to an aggregate of 2.0 million shares of our common stock. The purpose of these share repurchase programs are to reduce the long-term potential dilution in earnings per share that might result from issuances under our stock option plans. The following table summarizes the activity of the open market repurchase program for the stated periods and does not include our repurchase of shares from Elex N.V.:

	<b>Nine Months Ended January 31,</b>	
	<b>2007</b>	<b>2006</b>
Shares repurchased in open market	253,400	524,759
Total cost of shares	\$ 888,568	\$ 2,582,969
Average cost per share	\$ 3.51	\$ 4.92





**Contractual Obligations and Commercial Commitments**

The following table summarizes our contractual obligations as of January 31, 2007 and the effects these obligations and commitments are expected to have on our liquidity and cash flows in future periods (in thousands):

	Payments Due by Period				More Than 5 Years
	Total	Less Than 1 Year	1-3 Years	4-5 Years	
<i>Contractual cash obligations</i>					
Operating leases (1)	\$ 1,717	\$ 313	\$ 1,123	\$ 281	\$
Wafer purchases	4,413	4,413			
Other purchase commitments	696	696			
<b>Total contractual cash obligations</b>	<b>\$ 6,826</b>	<b>\$ 5,422</b>	<b>\$ 1,123</b>	<b>\$ 281</b>	<b>\$</b>

(1) In July 2006, our primary facility lease in Sunnyvale, California expired and in August 2006 we moved into a building we purchased in Santa Clara, California.

**Off-Balance Sheet Arrangements**

As part of our ongoing business, we do not participate in transactions that generate relationships with unconsolidated entities of financial partnerships, such as entities often referred to as structured finance or special purpose entities ( SPEs ), which would have been established for the purpose of facilitating off-balance sheet arrangements or other contractually narrow or limited purpose. As of January 31, 2007, we are not involved in any SPE transactions.

**Future Liquidity**

We believe that our current cash, cash equivalents and available-for-sale securities will be sufficient to meet our anticipated operating and capital requirements for at least the next 12 months. We have no current plans, nor are we currently negotiating, to obtain additional financing. Our long-term plan is to finance our core business operations with cash we generate from operations. However, from time to time we may raise additional capital through a variety of sources, including the public equity market, private financings, collaborative arrangements and debt. The additional capital we raise could be used for working capital purposes, to fund our research and development activities or our capital expenditures or to acquire complementary businesses or technologies. If we raise additional capital through the issuance of equity or securities convertible into equity, our stockholders may experience dilution. Those securities may have rights, preferences or privileges senior to those of the holders of the common stock. Additional financing may not be available to us on favorable terms, if at all. If we are unable to obtain financing, or to obtain it on acceptable terms, we may be unable to successfully support our business requirements.

**Recent Accounting Pronouncements**

In September 2006, the FASB issued SFAS No. 157, Fair Value Measurements ( SFAS No. 157 ). SFAS No. 157 defines fair value, establishes a framework and gives guidance regarding the methods used for measuring fair value, and expands disclosures about fair value measurements. SFAS No. 157 is effective for financial statements issued for fiscal years beginning after November 15, 2007, and interim periods within those fiscal years. The adoption of this standard is not expected to have a material impact on the consolidated financial statements.

In July 2006, the FASB issued FASB Interpretation Number 48, *Accounting for Uncertainty in Income Taxes - an interpretation of FAS 109* . This Interpretation clarifies the accounting for uncertainty in income taxes recognized in an enterprise's financial statements in accordance with FASB Statement No. 109, *Accounting for Income Taxes* . This interpretation prescribes a recognition threshold and measurement attribute for the financial statement recognition and measurement of a tax position taken or expected to be taken in a tax return. This interpretation also provides guidance on derecognition, classification, interest and penalties, accounting in interim periods, disclosure, and transition. The guidance will become effective as of the beginning of a company's fiscal year beginning after December 15, 2006. The Company is currently assessing the impact, if any, of adopting this standard on the Company's financial position, results of operations and liquidity.

On September 13, 2006, the Securities and Exchange Commission ( SEC ) issued Staff Accounting Bulletin No. 108, which provides interpretive guidance on how the effects of the carryover or reversal of prior year misstatements should be considered in quantifying a current year misstatement. The guidance is applicable for the Company's fiscal 2007. The Company is currently assessing the impact, if any, of adopting this standard on the Company's financial position, results of operations and liquidity.



In February 2007, the FASB issued SFAS No. 159, *The Fair Value Option for Financial Assets and Financial Liabilities, including an amendment of FASB Statement No. 115* ( SFAS No. 159 ). SFAS No. 159 permits entities to choose to measure many financial instruments and certain other items at fair value that are not currently required to be measured at fair value. Unrealized gains and losses on items for which the fair value option has been elected are reported in earnings. SFAS No. 159 does not affect any existing accounting literature that requires certain assets and liabilities to be carried at fair value. SFAS No. 159 is effective for fiscal years beginning after November 15, 2007. We do not expect our adoption of this new standard to have a material effect on our financial position, results of operations or cash flows.

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

*Interest Rate Risk.* We do not use derivative financial instruments in our investment portfolio. Our investment portfolio is generally comprised of U.S. government debt securities and cash deposits. Our policy is to place these investments in instruments that meet high credit quality standards and have maturities of less than two years with an overall average maturity of less than one year. These securities are subject to interest rate risk and could decline in value if interest rates fluctuate. Due to the short duration of the securities in which we invest and the conservative nature of our investment portfolio, a 10% move in interest rates would have an immaterial effect on our financial position, results of operations and cash flows.

*Foreign Currency Exchange Rate Risk.* All of our sales and a significant portion of our manufacturing costs, research and development and marketing expenses are transacted in U.S. dollars. Accordingly, our net profitability is not currently subject directly to material foreign exchange rate fluctuations. Gains and losses from such fluctuations have not been material to us to date.

**Item 4. Controls and Procedures**

*Disclosure Controls and Procedures*

Based on their evaluation as of January 31, 2007, our management, including our chief executive officer and chief financial officer, have concluded that our disclosure controls and procedures (as defined in Rule 13a-15(e) under the Securities Exchange Act of 1934 (the Exchange Act )) were effective to ensure that the material information required to be disclosed by us in this Quarterly Report on Form 10-Q was recorded, processed, summarized and reported within the time periods specified in the SEC's rules and instructions for Form 10-Q. Disclosure controls and procedures include, without limitation, controls and procedures designed to ensure that information required to be disclosed by an issuer in its Exchange Act reports is accumulated and communicated to the issuer's management, including its principal executive and financial officers, as appropriate to allow timely decisions regarding required disclosures.

*Changes in Internal Control Over Financial Reporting*

There were no changes in our internal control over financial reporting during our last fiscal quarter that have materially affected, or are reasonably likely to materially affect, our internal control over financial reporting.

*Inherent Limitations on Effectiveness of Controls*

Our management, including our chief executive officer and chief financial officer, does not expect that our disclosure controls and procedures or our internal controls, will prevent all error and all fraud. A control system, no matter how well conceived and operated, can provide only reasonable, not absolute, assurance that the objectives of the control system are met. Further, the design of a control system must reflect the fact that there are resource constraints and the benefits of controls must be considered relative to their costs. Because of the inherent limitations in all control systems, no evaluation of controls can provide absolute assurance that all control issues and instances of fraud, if any, within Catalyst Semiconductor have been detected.

**PART II**

**OTHER INFORMATION**

**Item 1. Legal Proceedings**

We are not a party to any material legal proceedings as of the date of this Quarterly Report on Form 10-Q.

**Item 1A. Risk Factors**

**Factors Affecting Future Operating Results**

*We are subject to a number of risks and some of these risks are endemic to the high-technology and semiconductor industry. This section should be read in conjunction with the unaudited condensed consolidated financial statements and the accompanying notes thereto, and the other parts of Management's Discussion and Analysis of Financial Condition and Results of Operations included in this Quarterly Report on Form 10-Q. The following lists some, but not all, of the risks and uncertainties which may have a material and adverse effect on our business, financial condition or results of operations. Additional factors and uncertainties not currently known to us or that we currently consider immaterial could also harm our business, operating results and financial condition.*

**Risks related to our Business**

*Our quarterly operating results may fluctuate due to many factors and are difficult to forecast, which may cause the trading price of our common stock to decline substantially.*

Our operating results have historically been and in the future may be adversely affected or otherwise fluctuate due to factors such as:

- fluctuations in customer demand for the electronic devices into which our products are incorporated;
  - volatility in supply and demand affecting semiconductor prices generally, such as an increase in the supply of competitive products and a significant decline in average selling prices;
  - establishment of additional inventory reserves if sales of our inventory fall below our expected sales, or the anticipated selling prices of our products fall below the amounts paid to produce and sell certain parts;
  - changes in our product mix including product category, density, package type, lead content or voltage;
  - inadequate visibility of future demand for our products;
  - timing of new product introductions and orders for our products;
  - increases in expenses associated with new product introductions and promotions, process changes and/or expansion of our sales channels;
  - increases in wafer prices due to increased market demand and other factors;
  - increases in prices charged by our suppliers due to increased costs, decreased competition and other factors;
  - fluctuations in manufacturing yields;
  - gains or losses of significant OEM customers or indirect channel sellers, such as distributors or resellers;
- and

- general economic conditions.

Our net revenues and operating results are difficult to forecast. We base our expense levels, in significant part, on our expectations of future net revenues and our expenses are therefore relatively fixed in the short term. If our net revenues fall below our forecasts, our operating results are likely to be disproportionately adversely affected because our costs are difficult to reduce significantly in the short term.

28

---

***We may never realize a material portion of our net revenues from our analog/mixed-signal products, despite our expenditure of a disproportionate amount of our research and development and marketing resources on these products.***

Analog/mixed-signal products accounted for 8.4% and 7.5% of net revenues for the nine months ended January 31, 2007 and 2006, respectively. We believe that the growth in our analog/mixed-signal product revenues has been limited due to the extended product design cycles and production lead times and a sales force that has limited experience selling these products. Despite limited product acceptance to date, we continue to invest in and devote research and development and marketing resources to analog/mixed-signal products with the expectation that our standard analog/mixed-signal products will be accepted by many of our current customers and that we will eventually qualify and sell custom analog/mixed-signal products. Competition is intense as we have initially offered a limited range of products while our more established competitors are offering a much broader array of analog/mixed-signal products. Many customers favor a vendor that offers a broad range of products. If we are unable to realize more revenues from these products, our total revenues may not grow. In addition, if we devote a disproportionate amount of our research and development resources to analog/mixed-signal products, our development of new non-volatile memory products may suffer and operating results may be harmed.

***We have in the past been unable and in the future we may be unable to obtain sufficient quantities of wafers from our current foundry suppliers to fulfill customer demand.***

We currently purchase a majority of our production wafers from two foundries. In addition, we do not presently have a wafer supply agreement with our foundry suppliers and instead purchase wafers on a purchase order and acceptance basis. To address our wafer supply concerns, we plan to continue expanding our foundry capability at our primary supplier by qualifying our products in multiple fabrication plants owned by a supplier and to expand our foundry capacity with other suppliers. As the need arises, from time to time, we may pursue additional wafer sources. However, we cannot be certain that these efforts will provide us with access to adequate capacity in the future at costs which will enable us to remain profitable. Even if such capacity is available from another manufacturer, the qualification process and time required to make the foundry fully operational for us could take many months or longer and be subject to other factors described below and the prices could be materially higher. Our business, financial condition and results of operations could be materially adversely affected by:

- inadequate wafer supplies to meet our production needs;
- the loss of any of our current foundries as a supplier;
- increased prices charged by these independent foundries;
- reduced control over delivery schedules, manufacturing yields and costs;
- our inability to qualify our current foundry suppliers for additional products; and
- any other problems foundries may have that cause a significant interruption in our supply of semiconductor wafers.

***Expensing employee stock options materially and adversely affects our reported operating results and could adversely affect our competitive position as well.***

As of May 1, 2006, we are required to expense stock options and other share-based payments to employees and directors. Since our inception, we have used stock options as fundamental components of our compensation packages. Prior to May 1, 2006, we had not recognized compensation cost for employee stock options. We believe that our stock option program directly motivates our employees and, through the use of vesting, encourage our employees to remain with us. In December 2004, the FASB issued SFAS No. 123(R), which requires the measurement and recognition of compensation expense for all stock-based compensation payments. SFAS No. 123(R) requires that we record compensation expense for stock options using the fair value of those awards. During the three and nine months ended January 31, 2007, we recorded \$557,000 and \$1.7 million related to stock-based compensation, respectively, which negatively impacted our operating results. We believe that SFAS No. 123(R) will continue to negatively impact our operating results.

To the extent that SFAS No. 123(R) makes it more expensive to grant stock options, we may decide to incur increased cash compensation costs. In addition, actions that we may take to reduce stock-based compensation expense that may be more severe than any actions our competitors may implement may make it difficult to attract, retain and motivate employees, which could adversely affect our competitive position as well as our business and operating results.



***We may forecast incorrectly and produce excess or insufficient inventories of particular products, which may adversely affect our results of operations.***

Since we must order products and build inventory substantially in advance of product shipments, we may forecast incorrectly and produce excess or insufficient inventories of particular products. The ability of our customers to reschedule or cancel orders without significant penalty could adversely affect our liquidity, as we may be unable to adjust our purchases from our wafer suppliers to match any customer changes and cancellations. As part of our business strategy, we maintain a substantial inventory of sorted wafers in a die bank but limit our investment in finished goods. We may have adequate wafer inventory to meet customer needs but may be unable to finish the manufacturing process prior to the delivery date specified by the customer. Demand for our products is volatile and customers often place orders with short lead times. Our inventory may not be reduced by the fulfillment of customer orders and in the future we may produce excess quantities of our products.

It is our policy to fully write down all inventories that we do not expect to be sold in a reasonable period of time. During recent fiscal years, as a result of reductions in estimated demand for our various products, we have taken charges for write down of inventories for certain products, primarily our EEPROM products. For example, we recorded inventory write-down charges of \$1.2 million and \$728,000 for the nine months ended January 31, 2007 and 2006, respectively, which were partially offset by benefits of \$358,000 and \$401,000, relating to products that were written off in prior periods and sold during these periods, respectively. We may suffer reductions in values of our inventories in the future and we may be unable to liquidate our inventory at acceptable prices. To the extent we have excess inventories of particular products, our operating results could be adversely affected by charges to cost of revenues that we would be required to recognize due to significant reductions in demand for our products or rapid declines in the market value of inventory, resulting in inventory write downs or other related factors.

***We may be unable to fulfill all our customers' orders according to the schedule originally requested due to the constraints in our wafer supply and processing time from die bank to finished goods, which could result in reduced revenues or higher expenses.***

Due to the lead time constraints in our wafer supply, foundry activities and other manufacturing processes, from time to time we have been unable to fulfill all our customers' orders on the schedule originally requested. Although we attempt to anticipate pending orders and maintain an adequate supply of wafers and communicate to our customers delivery dates that we believe we can reasonably expect to meet, our customers may not accept the alternative delivery date or may cancel their outstanding orders. Reductions in orders received or cancellation of outstanding orders would result in lower net revenues and reduced operating results, excess inventories and increased inventory reserves. We may also be required to pay substantially higher per wafer prices to replenish our die bank, which could harm our gross margins. If we were requested to pay rush charges to our manufacturing or foundry suppliers to meet a customer's requested delivery date, our expenses would increase and possibly harm our operating results.

***We rely on distributors and resellers for a substantial portion of our net revenues and if our relationships with one or more of those distributors or resellers were to terminate, our operating results may be harmed.***

We market and distribute our products primarily through independent distributors and resellers, which typically offer competing products. These distribution channels have been characterized by rapid change, including consolidations and financial difficulties.

Distributors and resellers have accounted for a significant portion of our net revenues in the past. For the nine months ended January 31, 2007 and 2006, Avnet represented 10.8% and 14.0%, respectively, of our net revenues.

Our business depends on these third parties to sell our products. As a result, our operating results and financial condition could be materially adversely affected by the loss of one or more of our current distributors or resellers, additional volume pricing arrangements, order cancellations, delay in shipment by one of our distributors or resellers or the failure of our distributors or sellers to successfully sell our products.

In addition, we have experienced and may continue to experience lower margins on sales to certain customers as a result of volume pricing arrangements. We also do not typically enter into long-term arrangements with our customers and we cannot be certain as to future order levels from our customers. When we do enter into long-term arrangements, the contracts are generally terminable at the convenience of either party and it may be difficult to replace that source of revenues in the short-term upon cancellation.



***We face risks from failures in our manufacturing processes and the processes of our foundries and vendors.***

The fabrication of semiconductors, particularly EEPROM products, is a highly complex and precise process. Most of our products are currently manufactured by two outside foundries and a number of other vendors participate in assembling, testing and other processing of our products. During manufacturing, each wafer is processed to provide numerous EEPROM, flash or analog/mixed-signal devices. We may reject or be unable to sell a substantial percentage of wafers or the components on a given wafer because of:

- minute impurities;
- difficulties in the fabrication process, such as failure of special equipment, operator error or power outages;
- defects in the masks used to imprint circuits on a wafer;
- nonconforming electrical and/or optical performance;
- breakage of wafers; or
- other factors.

We refer to the proportion of final components that have been processed, assembled and tested relative to the gross number of components that could be constructed from the raw materials as our manufacturing yield. We have in the past experienced lower than expected manufacturing yields, which have delayed product shipments and negatively impacted our results of operations. We may experience difficulty achieving or maintaining acceptable manufacturing yields in the future.

In addition, the maintenance of our outsourced fabrication, manufacturing and assembly model is subject to risks, including:

- the demands of managing and coordinating workflow between geographically separate production facilities;
- disruption of production in one facility as a result of a slowdown or shutdown in another facility; and
- higher operating costs from managing geographically separate manufacturing facilities.

We depend on certain vendors for foundry services, materials and test and assembly services. We maintain stringent policies regarding qualification of these vendors. However, if these vendors' processes vary in reliability or quality, they could negatively affect our products and our results of operations.

***We rely on third party subcontractors to sort, assemble, test and ship our products to customers, which reduces our control over quality, delivery schedules and capacity.***

We outsource a significant portion of the production planning, assembly, test and finish work of our products, as well as our inventory management function to subcontractors who are primarily located in Thailand and the Philippines. We do not have long-term contractual arrangements with these subcontractors. Our reliance on third parties subjects us to risks such as reduced control over delivery schedules and quality, a potential lack of adequate capacity during periods when demand is high and potential increases in product costs due to factors outside our control such as capacity shortages and pricing changes. Our outsourcing model could lead to delays in product deliveries, lost sales and increased costs which could harm our relationships with OEM customers and indirect sales channels and result in lower operating results. Because we utilize the services of a group of assembly and test providers, this makes our operation highly complex, requiring a high degree of diligence in managing the costs of production and overall logistics of our manufacturing operations.

***International sales comprise a significant portion of our product sales, which exposes us to foreign political and economic risks.***

For each the nine months ended January 31, 2007 and 2006, sales outside the United States accounted for approximately 91.3% and 88.4% of our net revenues, respectively. We expect that sales outside of the United States will continue to represent a significant portion of our net revenues in the future. However, our international operations may be adversely affected by the following factors:

- greater fluctuations in demand for our products due to the increased sensitivity to pricing changes in certain markets, particularly Asia;
- longer payment cycles;

31

---

- fluctuations in exchange rates;
- imposition of government controls;
- difficulties in staffing international operations;
- political, socioeconomic and financial instability, such as the military actions in Afghanistan and Iraq;
- trade restrictions;
- the impact of communicable diseases, such as severe acute respiratory syndrome and avian bird flu; and
- changes in regulatory requirements.

Our business is also subject to other risks because of our design center in Romania and our relationships with foreign subcontractors including, but not limited to, foreign government regulations and political and financial unrest which may cause disruptions or delays in shipments to our customers or access to our inventories. We do not currently hedge against any foreign currency exchange rate risks.

Additionally, our subcontracted presence in Thailand with Trio-Tech subjects us to additional risks associated with the value of the work-in-process and finished goods inventory located there as well as the test equipment utilized in the operations at the Trio-Tech facility. We recently formed Catalyst Semiconductor (Thailand) Company Limited, a subsidiary in Bangkok, Thailand, that will serve as our inventory management and logistics center.

***While we believe that we currently have adequate internal control over financial reporting, we are exposed to risks from recent legislation requiring companies to evaluate internal control over financial reporting and cannot be certain that our internal control over financial reporting will be effective or sufficient in the future.***

Section 404 of the Sarbanes-Oxley Act of 2002 requires our management to report on and our independent registered public accounting firm to attest to the effectiveness of our internal control over financial reporting. We have an ongoing program to perform the system and process evaluation and testing necessary to comply with these requirements.

It may be difficult to design and implement effective internal control over financial reporting for combined operations and differences in existing controls of acquired businesses may result in weaknesses that require remediation when internal control over financial reporting are combined. For example, in fiscal 2006 we experienced unanticipated delays in closing our books and completing our assessment of the effectiveness of our internal control over financial reporting as required by the Sarbanes-Oxley Act under Section 404. As such, we were not able to file our Annual Report on Form 10-K by the original due date without unreasonable expense or effort. Our ability to manage our operations and growth will require us to improve our operations, financial and management controls, as well as our internal control over financial reporting. We may not be able to implement improvements to our internal control over financial reporting in an efficient and timely manner and may discover deficiencies and weaknesses in existing systems and controls; especially when such systems and controls are tested by increased scale of growth.

As a result, we expect to continue to incur related expenses and to devote additional resources to Section 404 compliance. In addition, it is difficult for us to predict how long it will take to complete the assessment of the effectiveness of our internal control over financial reporting each year and we may not be able to complete the process on a timely basis. In the event that our chief executive officer, chief financial officer or independent registered public accounting firm determine that our internal control over financial reporting is not effective as defined under Section 404, we cannot predict how regulators will react or how the market prices of our shares will be affected.

***Our ability to operate successfully depends upon the continued service of certain key employees and the continued ability to attract and retain additional highly qualified personnel.***

Our ability to operate successfully will depend, to a large extent, upon the continued service of certain key employees and the continued ability to attract and retain additional highly qualified personnel. Competition for these personnel, particularly for highly skilled design, process and test engineers, is intense and we may not be able to retain these personnel or attract other highly qualified personnel. We have historically used stock options and other forms of stock-based compensation as a means to hire, motivate and retain our employees, and to align employees interests with those of our stockholders. As a result of our adoptions of SFAS 123(R), we incur increased compensation costs associated with our stock-based compensation awards, which may affect this form of compensation to hire and retain employees. Our business, financial condition and results of operations could be materially adversely affected by the loss of or failure to attract and retain highly qualified personnel.

***Our low-density flash memory products may become obsolete.***

A portion of our net revenues have been and continue to be derived from sales of low density flash memory products. Flash memory products represented 7.0% and 7.8% of our net revenues for the nine months ended January 31, 2007 and 2006, respectively. In general, the market for flash memory products has been characterized by competing technologies, migration of demand to larger memory sizes and intense overall competition. Other flash memory vendors continue to design, develop and sell flash memory devices with larger memory in reaction to changes in market demand. This transition to larger flash memory sizes is resulting in a limited and shrinking market for the low density flash memory products that we currently offer. We have decided not to develop any of the higher density flash memory devices due to the extreme competition in the medium and high density flash memory market and the considerable costs of development associated with it. Due to these and other factors, we may experience declining net revenues from our low-density flash memory products, which could harm our operating results.

#### ***Risks Related to Our Industry and Competition***

***Competition in our markets may lead to reduced average selling prices of our products, reduced sales of our products or gross margins.***

The non-volatile memory market is competitive and has been characterized by rapid price erosion, manufacturing capacity constraints and limited product availability. Average selling prices in the non-volatile memory market generally, and for our products in particular, have fluctuated significantly over the life of each product and, over the long term, the average selling price of each product has tended to decline. Declines in average selling prices for our products, if not offset by reductions in the cost of producing those products or by sales of new products with higher gross margins, would decrease our overall gross margins, could cause a negative adjustment to the value of our inventories and could materially and adversely affect our operating results.

We compete with major domestic and international semiconductor companies, many of which have substantially greater financial, technical, marketing, distribution and other resources. We may not be able to compete successfully in the future. Our more mature products, such as serial and parallel EEPROM devices, compete on the basis of price, product availability and customer service. Principal competitors for our EEPROM products currently include Atmel Corporation, STMicroelectronics N.V and Microchip Technology Incorporated. Principal competitors for our low density flash products include Silicon Storage Technology, Inc. and Integrated Silicon Solution, Inc. Principal competitors for our analog/mixed-signal products include Fairchild Semiconductor International, Inc., Intersil Corporation, Linear Technology Corporation, Maxim Integrated Products, National Semiconductor and Texas Instruments Incorporated.

***The semiconductor industry is highly cyclical in nature, which may cause our operating results to fluctuate.***

We operate in a highly cyclical industry that has been subject to significant economic downturns often in connection with, or in anticipation of, maturing product cycles and declines in general economic conditions. During such downturns, we experience reduced product demand and production overcapacity, which result in competitive pricing pressures leading to accelerated erosion of average selling prices and reduced gross margins. These downturns may occur for extended periods. Accordingly, we may experience substantial period-to-period fluctuations in operating results.

Our continued success depends in large part on the continued growth of various electronics industries that use semiconductors. We attempt to identify changes in market conditions as soon as possible; however, market dynamics make our prediction of and timely reaction to such events difficult. Our business could be harmed in the future by additional cyclical downturns in the semiconductor industry or by slower growth by any of the markets served by our end customers products.



*If our products fail to keep pace with the rapid changes in the semiconductor industry, we could lose customers and revenues.*

The markets for our products are characterized by rapidly changing customer demand, over or under utilization of manufacturing capacity and price fluctuations. To compete successfully, we must introduce new products in a timely manner at competitive price, quality and performance levels. In particular, our future success will depend on our ability to develop and implement new design and process technologies which enable us to reduce product costs. Our business, financial condition and results of operations could be materially adversely affected by delays in developing new products, achievement of volume production and market acceptance of new products, successful completion of technology transitions of our existing products to new process geometries or foundries with acceptable yields and reliability.

***Risks Related to Our Intellectual Property***

***Our business may be harmed if we fail to protect our proprietary technology.***

We rely on a combination of patents, trademarks, copyrights, trade secret laws, confidentiality procedures and licensing arrangements to protect our intellectual property rights. We currently have 26 patents granted and 13 pending in the United States and intend to seek further United States and international patents on our technology. The expiration dates of our patents range from January 2008 to June 2025. We cannot be certain that patents will be issued from any of our pending applications, that patents will be issued in all countries where our products can be sold or that any issued patents will be of sufficient scope or strength to provide meaningful protection or any commercial advantage. Our competitors may also be able to design around our patents. The laws of some countries in which our products are or may be developed, manufactured or sold may not protect our products or intellectual property rights to the same extent as do the laws of the United States, increasing the possibility of piracy of our technology and products. Although we intend to vigorously defend our intellectual property rights, we may not be able to prevent misappropriation of our technology. Our competitors may also independently develop technologies that are substantially equivalent or superior to our technology.

***Our ability to produce our products may suffer if someone claims we infringe on their intellectual property.***

The semiconductor industry is characterized by vigorous protection and pursuit of intellectual property rights or positions, which have resulted in significant and often protracted and expensive litigation. In addition, it is typical for companies in the industry to receive notices from time to time that allege infringement of patents or other intellectual property rights. We may receive other notices or become a party to other proceedings alleging our infringement of patents or intellectual property rights in the future. If it is necessary or desirable, we may seek licenses under such patents or other intellectual property rights. However, we cannot be certain that licenses will be offered or that we would find the terms of licenses that are offered acceptable or commercially reasonable. Our failure to obtain a license from a third party for technology used by us could cause us to incur substantial liabilities and to suspend the manufacture of the affected products. Furthermore, we may initiate claims or litigation against third parties for infringement of our proprietary rights or to establish the validity of our proprietary rights. Litigation by or against us could result in significant expense and divert the efforts of our technical personnel and management, whether or not the litigation results in a favorable resolution. In the event of an adverse result in any litigation, we could be required to:

- pay substantial damages;
- pay amounts to indemnify our customers;
- stop the manufacture and sale of the infringing products;
- expend significant resources to develop non-infringing technology;
- discontinue the use of certain processes; or
- obtain licenses to the technology.

We may be unsuccessful in developing non-infringing products or negotiating licenses with reasonable terms, or at all. These problems might not be resolved in time to avoid harming our results of operations. If any third party makes a successful claim against our customers or us and a license is not made available to us on commercially reasonable terms, our business could be harmed.



*We may be subject to damages resulting from claims that we have wrongfully used the alleged trade secrets of our employees' former employers.*

Many of our employees were previously employed at other companies, including our competitors or potential competitors. Although we have no current or pending claims against us, we may be subject to claims that we have relied on information that these employees have inadvertently, or otherwise, disclosed trade secrets or other proprietary information of their former employers. Litigation may be necessary to defend against these claims. If we fail in defending such claims, in addition to paying monetary damages, we may lose valuable intellectual property rights or personnel. A loss of key research personnel or their work product could hamper or prevent our ability to develop new products, which could severely harm our business. Even if we are successful, litigation could result in substantial costs and be a distraction to management.

*We may not be able to expand our proprietary technology if we do not acquire rights to use key technologies, consummate potential acquisitions or investments or successfully integrate them with our business.*

To expand our proprietary technologies, we may acquire or make investments in complementary businesses, technologies or products if appropriate opportunities arise. We may be unable to identify suitable acquisition or investment candidates at reasonable prices or on reasonable terms or consummate transactions with such candidates, the failure of which could slow our growth. We may also have difficulty in acquiring licenses to use proprietary technologies of third parties to expand our product lines. We may have difficulty integrating the acquired products, personnel or technologies of any acquisition we might make. These difficulties could disrupt our ongoing business, limit our future growth, distract our management and employees and increase our expenses.

#### ***Risks Related to Our Stock***

*Our stock is subject to substantial price and volume fluctuations due to a number of factors, many of which are beyond our control, and those fluctuations may prevent our stockholders from reselling our common stock at a profit.*

The trading price of our common stock has in the past been and could in the future be subject to significant fluctuations in response to:

- quarterly variations in our results of operations;
- announcements of technological innovations or new products by us, our customers or competitors;
- our failure to achieve the operating results anticipated by analysts or investors;
- sales or the perception in the market of possible sales of a large number of shares of our common stock by our directors, officers, employees or principal stockholders;
- international political, socioeconomic and financial instability, including instability associated with military action in Afghanistan, Iraq or other conflicts;
- releases or reports by or changes in security analysts' recommendations; and
- developments or disputes concerning patents or proprietary rights or other events.

If our net revenues and results of operations are below the expectations of investors, significant fluctuations in the market price of our common stock could occur. In addition, the securities markets have, from time to time, experienced significant price and volume fluctuations, which have particularly affected the market prices for high technology companies and often are unrelated and disproportionate to the operating performance of particular companies. These broad market fluctuations, as well as general economic, political and market conditions, may negatively affect the market price of our common stock.



***Our charter documents, Delaware law and our stockholder rights plan contain provisions that may inhibit potential acquisition bids, which may adversely affect the market price of our common stock, discourage merger offers or prevent changes in our management.***

Our board of directors has the authority to issue up to 2,000,000 shares of preferred stock and to determine the rights, preferences, privileges and restrictions, including voting rights, of the shares without any further vote or action by our stockholders. If we issue any of these shares of preferred stock in the future, the rights of shareholders of our common stock may be negatively affected. If we issue preferred stock, a change of control of our company could be delayed, deferred or prevented. We have no current plans to issue shares of preferred stock. Section 203 of the Delaware General Corporation Law restricts certain business combinations with any interested stockholder as defined by that statute. In addition, our certificate of incorporation and bylaws contain certain other provisions that may have the effect of delaying, deferring or preventing a change of control. These provisions include:

- the classification of our board so that only a portion of our directors are elected each year and each director serves a three year term;
- the elimination of actions by written consent of stockholders; and
- the establishment of an advance notice procedure and a minimum holding requirement for stockholder proposals and director nominations to be acted upon at annual meetings of the stockholders.

In December 2006, our board of directors adopted a stockholder rights plan with a term of ten years which will expire in December 2016. Under this plan, we issued a dividend of one right for each share of our common stock. Each right initially entitles stockholders to purchase one one-thousandth of a share of our preferred stock for \$18.00. However, the rights are not immediately exercisable. If a person or group acquires, or announces a tender or exchange offer that would result in the acquisition of 15% of our common stock, unless the rights are redeemed by us for \$0.01 per right, the rights will become exercisable by all rights holders, except the acquiring person or group, for shares of our common stock or the stock of the third party acquirer having a value of twice the rights then-current exercise price.

These provisions are designed to encourage potential acquirers to negotiate with our board of directors and give our board of directors an opportunity to consider various alternatives to increase stockholder value. These provisions are also intended to discourage certain tactics that may be used in proxy contests. However, the potential issuance of preferred stock, our charter and bylaw provisions, the restrictions in Section 203 of the Delaware General Corporation Law and our stockholder rights plan could discourage potential acquisition proposals and could delay or prevent a change in control, which may adversely affect the market price of our stock. These provisions and plans may also have the effect of preventing changes in our management or board of directors.

***We may be the subject of securities class action litigation due to future stock price volatility.***

In the past, when the market price of a stock has been volatile, holders of that stock have often initiated securities class action litigation against the company that issued the stock. If any of our stockholders brought a lawsuit against us, we could incur substantial costs defending the lawsuit. The lawsuit could also divert the time and attention of our management.

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

In September 2001, our board of directors authorized a program for the open market repurchase of up to 1.5 million shares of our common stock. In subsequent periods, our board of directors amended the program and authorized the purchase up to an aggregate of 3.5 million shares. Upon reaching the maximum number of shares authorized under this program, our board of directors authorized a new stock repurchase program in September 2005 to repurchase up to 1.0 million shares of its common stock. In subsequent periods, our board of directors amended the program and authorized the purchase of up to an aggregate of 2.0 million shares of our common stock. The purpose of these share repurchase programs is to reduce the long-term potential dilution in earnings per share that might result from issuances under our stock option plans. During the three months ended January 31, 2007, 134,600 shares were repurchased for an approximate cost of \$472,000.

Period	Total Number of Shares Purchased	Average Price Paid per Share	Total Number of Shares Purchased as Part of Publicly Announced Plans	Maximum Number of Shares that May Be Purchased Under the Plan
November 1, 2006 - November 30, 2006				1,022,981
December 1, 2006 - December 31, 2006	134,600	\$ 3.50	134,600	888,381
January 1, 2006 - January 28, 2007				888,381

Edgar Filing: CATALYST SEMICONDUCTOR INC - Form 10-Q

Total	134,600	\$	3.50	134,600
-------	---------	----	------	---------

36

---

**Item 3. *Defaults Upon Senior Securities***

Not applicable.

**Item 4. *Submission of Matters to a Vote of Securityholders***

None.

**Item 5. *Other Information***

None.

37

---

**Item 6. Exhibits**

Exhibit Number	Description
3.1 (1)	Bylaws of Catalyst Semiconductor, Inc., as amended and restated as of November 28, 2006
3.2 (2)	Restated Certificate of Incorporation
3.5 (3)	Certificate of Designation of Rights, Preference and Privileges of Series A Participating Preferred Stock
4.2 (3)	Preferred Shares Agreement, dated as of December 21, 2006, between the Company and Computershare Trust Co., N.A., including the Certificate of Designation, the form of Rights Certificate and the Summary of Rights attached thereto as Exhibits A, B and C, respectively
10.102 (4)	Amended and Restated 2003 Stock Incentive Plan
10.102.1 (1)	Form of Restricted Stock Agreement
10.102.2 (4)	Form of Restricted Stock Unit Agreement
31.1	Certification of Chief Executive Officer pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 302 of the Sarbanes-Oxley Act of 2002
31.2	Certification of Chief Financial Officer pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 302 of the Sarbanes-Oxley Act of 2002
32.1	Certification of Chief Executive Officer and Chief Financial Officer pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002

---

(1) Incorporated by reference to Registrant's Form 8-K filed with the Securities and Exchange Commission on December 4, 2006.

(2) Incorporated by reference to Registrant's Form 8-A/A filed with the Securities and Exchange Commission on December 28, 2006.

(3) Incorporated by reference to Registrant's Form 8-K filed with the Securities and Exchange Commission on December 28, 2006.

(4) Incorporated by reference to Registrant's Form 8-K filed with the Securities and Exchange Commission on December 28, 2006.

**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.

Date: March 9, 2007

By: /s/ GELU VOICU  
Gelu Voicu  
*President, Chief Executive Officer and Director*

Date: March 9, 2007

By: /s/ THOMAS E. GAY III  
Thomas E. Gay III  
*Vice President of Finance and Administration  
and Chief Financial Officer*

39

---

**INDEX TO EXHIBITS**

Exhibit Number	Description
3.1 (1)	Bylaws of Catalyst Semiconductor, Inc., as amended and restated as of November 28, 2006
3.2 (2)	Restated Certificate of Incorporation
3.5 (3)	Certificate of Designation of Rights, Preference and Privileges of Series A Participating Preferred Stock
4.2 (3)	Preferred Shares Agreement, dated as of December 21, 2006, between the Company and Computershare Trust Co., N.A., including the Certificate of Designation, the form of Rights Certificate and the Summary of Rights attached thereto as Exhibits A, B and C, respectively
10.102 (4)	Amended and Restated 2003 Stock Incentive Plan
10.102.1 (1)	Form of Restricted Stock Agreement
10.102.2 (4)	Form of Restricted Stock Unit Agreement
31.1	Certification of Chief Executive Officer pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 302 of the Sarbanes-Oxley Act of 2002
31.2	Certification of Chief Financial Officer pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 302 of the Sarbanes-Oxley Act of 2002
32.1	Certification of Chief Executive Officer and Chief Financial Officer pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002

- 
- (1) Incorporated by reference to Registrant's Form 8-K filed with the Securities and Exchange Commission on December 4, 2006.
- (2) Incorporated by reference to Registrant's Form 8-A/A filed with the Securities and Exchange Commission on December 28, 2006.
- (3) Incorporated by reference to Registrant's Form 8-K filed with the Securities and Exchange Commission on December 28, 2006.
- (4) Incorporated by reference to Registrant's Form 8-K filed with the Securities and Exchange Commission on December 28, 2006.