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**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION**  
Washington, D.C. 20549

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**FORM 10-Q**

(Mark One)

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

**For the quarterly period ended March 31, 2004**

**OR**

☐ **TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934. For the transition period from \_\_\_\_\_ to \_\_\_\_\_.**

**Commission File Number 0-26944**

**SILICON STORAGE TECHNOLOGY, INC.**

(Exact name of Registrant as Specified in its Charter)

**California**

(State or Other Jurisdiction of  
Incorporation or Organization)

**77-0225590**

(I.R.S. Employer  
Identification Number)

**1171 Sonora Court, Sunnyvale, CA**  
(Address of Principal Executive Offices)

**94086**  
(Zip Code)

**(408) 735-9110**

(Registrant's Telephone Number, including Area Code)

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

Indicate by check mark whether the registrant is an accelerated filer (as defined in Rule 12b-2 of the Act). Yes ☒ No ☐

Number of shares outstanding of our Common Stock, no par value, as of the latest practicable date, April 30, 2004:  
95,958,303.

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**SILICON STORAGE TECHNOLOGY, INC.**  
**FORM 10-Q: QUARTER ENDED MARCH 31, 2004**  
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## PART I - FINANCIAL INFORMATION

### Item 1. Condensed Consolidated Financial Statements

#### SILICON STORAGE TECHNOLOGY, INC. AND SUBSIDIARIES CONDENSED CONSOLIDATED STATEMENTS OF OPERATIONS (in thousands, except per share data)

	Three Months Ended March 31,	
	2003	2004
	(unaudited)	(unaudited)
Net revenues:		
Product revenues - unrelated parties.....	\$ 18,116	\$ 32,811
Product revenues - related parties.....	35,805	58,559
Technology licensing.....	7,788	13,063
Total net revenues.....	61,709	104,433
Cost of revenues:		
Cost of revenues - unrelated parties.....	17,928	22,266
Cost of revenues - related parties.....	34,573	44,016
Total cost of revenues.....	52,501	66,282
Gross profit.....	9,208	38,151
Operating expenses:		
Research and development.....	10,755	11,803
Sales and marketing.....	5,953	6,928
General and administrative.....	3,583	3,999
Total operating expenses.....	20,291	22,730
Income (loss) from operations.....	(11,083)	15,421
Interest and other income.....	456	384
Interest expense.....	(38)	(44)
Income (loss) before provision for income taxes.....	(10,665)	15,761
Provision for income taxes.....	--	1,528
Net income (loss).....	\$ (10,665)	\$ 14,233
Net income (loss) per share - basic.....	\$ (0.11)	\$ 0.15
Shares used in per share calculation - basic.....	94,186	95,821
Net income (loss) per share - diluted.....	\$ (0.11)	\$ 0.14
Shares used in per share calculation - diluted.....	94,186	100,258

The accompanying notes are an integral part of these condensed consolidated financial statements.

**SILICON STORAGE TECHNOLOGY, INC. AND SUBSIDIARIES**  
**CONDENSED CONSOLIDATED BALANCE SHEETS**  
(in thousands)

	<b>December 31, 2003</b>	<b>March 31, 2004</b>
	(unaudited)	(unaudited)
<b>ASSETS</b>		
Current assets:		
Cash and cash equivalents.....	\$ 124,625	\$ 65,453
Short-term available-for-sale investments.....	60,569	87,561
Trade accounts receivable-unrelated parties, net of allowance for doubtful accounts of \$1,118 at December 31, 2003 and \$1,146 at March 31, 2004.....	14,110	19,666
Trade accounts receivable-related parties.....	41,220	48,169
Inventories.....	46,120	69,926
Other current assets.....	13,232	15,289
Total current assets.....	299,876	306,064
Equipment, furniture and fixtures, net.....	11,325	11,453
Equity investments, GSMC.....	50,000	83,150
Equity investments, others.....	8,077	8,278
Long-term available-for-sale investments.....	24,969	25,393
Other assets.....	2,114	735
Total assets.....	<u>\$ 396,361</u>	<u>\$ 435,073</u>
<b>LIABILITIES</b>		
Current liabilities:		
Notes payable, current portion.....	\$ 393	\$ 404
Trade accounts payable-unrelated parties.....	37,342	43,097
Trade accounts payable-related parties.....	10,165	17,542
Accrued expenses and other liabilities.....	11,911	15,871
Deferred revenue.....	3,630	3,423
Total current liabilities.....	63,441	80,337
Other liabilities.....	1,423	1,949
Total liabilities.....	<u>64,864</u>	<u>82,286</u>
Commitments (Note 5) and Contingencies (Note 6)		
<b>SHAREHOLDERS' EQUITY</b>		
Common stock, no par value:		
Authorized: 250,000 shares		
Issued and outstanding: 95,328 shares at December 31, 2003 and 95,917 shares at March 31, 2004.....	345,384	347,516
Accumulated other comprehensive income.....	9,178	14,103
Accumulated deficit.....	(23,065)	(8,832)
Total shareholders' equity.....	331,497	352,787
Total liabilities and shareholders' equity.....	<u>\$ 396,361</u>	<u>\$ 435,073</u>

The accompanying notes are an integral part of these condensed consolidated financial statements.

**SILICON STORAGE TECHNOLOGY, INC. AND SUBSIDIARIES**  
**CONDENSED CONSOLIDATED STATEMENTS OF CASH FLOWS**  
(in thousands)

	<b>Three Months Ended</b>	
	<b>March 31,</b>	
	<b>2003</b>	<b>2004</b>
	(unaudited)	(unaudited)
Cash flows from operating activities:		
Net income (loss).....	\$ (10,665)	\$ 14,233
Adjustments to reconcile net income (loss) to net cash provided by operating activities:		
Depreciation and amortization.....	2,113	1,633
Provision (Credits) for doubtful accounts receivable.....	(31)	82
Provision (Credits) for sales returns.....	(175)	76
Provision for excess and obsolete inventories, write-down of inventories and adverse purchase commitments.....	2,436	684
Deferred income taxes.....	(3,114)	--
(Gain)/Loss on disposal of equipment.....	139	(25)
Gain on sale of equity investments.....	(37)	--
Changes in operating assets and liabilities:		
Trade accounts receivable-unrelated parties.....	2,371	(5,744)
Trade accounts receivable-related parties.....	2,541	(6,919)
Inventories.....	11,990	(24,490)
Other current and non-current assets.....	15,223	(678)
Trade accounts payable-unrelated parties.....	(6,507)	5,755
Trade accounts payable-related parties.....	(405)	7,377
Accrued expenses and other liabilities.....	(574)	4,591
Deferred revenue.....	(203)	(207)
Net cash provided (used in) by operating activities.....	<u>15,102</u>	<u>(3,632)</u>
Cash flows from investing activities:		
Investment in equity securities.....	--	(33,283)
Acquisition of equipment, furniture and fixtures.....	(513)	(1,761)
Proceeds from sale of equipment, furniture and fixtures.....	--	25
Purchases of available-for-sale investments.....	(14,250)	(26,508)
Sales and maturities of available-for-sale and equity investments.....	7,006	3,949
Net cash used in investing activities.....	<u>(7,757)</u>	<u>(57,578)</u>
Cash flows from financing activities:		
Debt repayments.....	(84)	(94)
Issuance of shares of common stock.....	1,847	2,132
Net cash provided by financing activities.....	<u>1,763</u>	<u>2,038</u>
Net increase (decrease) in cash and cash equivalents.....	9,108	(59,172)
Cash and cash equivalents at beginning of period.....	103,751	124,625
Cash and cash equivalents at end of period.....	<u>\$ 112,859</u>	<u>\$ 65,453</u>

The accompanying notes are an integral part of these condensed consolidated financial statements.

## SILICON STORAGE TECHNOLOGY, INC. AND SUBSIDIARIES

### **NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS AT MARCH 31, 2004** **(UNAUDITED):**

#### **1. Basis of Presentation**

In the opinion of management, the accompanying unaudited condensed interim consolidated financial statements contain all adjustments, all of which are normal and recurring in nature, necessary to fairly present our financial position, results of operations and cash flows. The results of operations for the interim periods presented are not necessarily indicative of the results that may be expected for any future interim periods or for the full fiscal year. These interim financial statements should be read in conjunction with the consolidated financial statements in our Annual Report on Form 10-K for the year ended December 31, 2003 and the Quarterly Report on Form 10Q for the three months ended March 31, 2003.

The year-end balance sheet at December 31, 2003 was derived from audited financial statements, but does not include all disclosures required by generally accepted accounting principles. Please refer to the audited financial statements in our Annual Report on Form 10-K for the year ended December 31, 2003.

#### ***Reclassifications:***

Certain amounts in our prior years consolidated financial statements have been reclassified to conform to the current year presentation. These reclassifications have no impact on our previously reported results of operations or stockholders' equity.

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

In January 2003, the Financial Accounting Standard Board, or FASB, issued FIN No. 46, "Consolidation of Variable Interest Entities, an Interpretation of ARB No. 51." FIN No. 46 requires certain variable interest entities to be consolidated by the primary beneficiary of the entity if the equity investors in the entity do not have the characteristics of a controlling financial interest or do not have sufficient equity at risk for the entity to finance its activities without additional subordinated financial support from other parties. FIN No. 46 is effective immediately for all new variable interest entities created or acquired after January 31, 2003. In December 2003, the FASB issued a revision of FIN No. 46 that delays the implementation date for certain interests created or acquired prior to January 31, 2003 until the first interim or annual period ending after March 15, 2004. We have reviewed our equity investments and associated relationships to determine if they are variable interest entities as defined by FIN No. 46 as of March 31, 2004. We concluded that we are not the primary beneficiary of or hold an interest in a variable interest entity.

In May 2003, the FASB issued SFAS No. 150, "Accounting for Certain Financial Instruments with Characteristics of both Liabilities and Equity." SFAS No. 150 establishes standards for how an issuer classifies and measures certain financial instruments with characteristics of both liabilities and equity. SFAS No. 150 requires that an issuer classify a financial instrument that is within its scope as a liability (or an asset in some circumstances). Many of those instruments were previously classified as equity. SFAS No. 150 is effective for financial instruments entered into or modified after May 31, 2003, and otherwise is effective at the beginning of the first fiscal period beginning after June 15, 2003. SFAS No. 150 is to be implemented by reporting the cumulative effect of a change in an accounting principle for financial instruments created before the issuance date of SFAS No. 150 and still existing at the beginning of the interim period of adoption. Restatements are not permitted under SFAS No. 150. The adoption of SFAS No. 150 did not have a significant impact on our consolidated financial statements.

In March 2004, the FASB approved EITF Issue 03-6 "Participating Securities and the Two-Class Method under SFAS 128". EITF Issue 03-6 supersedes the guidance in Topic No. D-95, "Effect of Participating Convertible Securities on the Computation of Basic Earnings per Share", and requires the use of the two-class method of participating securities. The two-class method is an earnings allocation formula that determines earnings per share for each class of common stock and participating security according to dividends declared (or accumulated) and

participation rights in undistributed earnings. In addition, EITF Issue 03-6 addresses other forms of participating securities, including options, warrants, forwards and other contracts to issue an entity's common stock, with the exception of stock-based compensation (unvested options and restricted stock) subject to the provisions of APB No. 25 and SFAS No. 123. EITF Issue 03-6 is effective for reporting periods beginning after March 31, 2004 and should be applied by restating previously reported EPS. As of March 31, 2004, we do not have any securities issued and outstanding subject to this pronouncement. Therefore, the adoption of EITF Issue 03-6 will not have any impact on the disclosure of EPS.

## 2. Computation of Net Income (Loss) Per Share

We have computed and presented net income (loss) per share under two methods, basic and diluted. Basic net income (loss) per share is computed by dividing net income (loss) by the weighted average number of common shares outstanding for the period. Diluted net income (loss) per share is computed by dividing net income (loss) by the sum of the weighted average number of common shares outstanding and potential common shares (when dilutive). A reconciliation of the numerator and the denominator of basic and diluted net income (loss) per share is as follows (in thousands, except per share amounts):

	Three Months Ended March 31,	
	2003	2004
Numerator - basic		
Net income (loss).....	\$ <u>(10,665)</u>	\$ <u>14,233</u>
Denominator - basic		
Weighted average common stock outstanding.....	<u>94,186</u>	<u>95,821</u>
Basic net income (loss) per share.....	\$ <u>(0.11)</u>	\$ <u>0.15</u>
Numerator - diluted		
Net income (loss).....	\$ <u>(10,665)</u>	\$ <u>14,233</u>
Denominator - diluted		
Weighted average common stock outstanding.....	94,186	95,821
Dilutive potential of common stock equivalents:		
Options.....	<u>--</u>	<u>4,437</u>
	<u>94,186</u>	<u>100,258</u>
Diluted net income (loss) per share.....	\$ <u>(0.11)</u>	\$ <u>0.14</u>

Stock options to purchase 10,215,000 shares of common stock were outstanding as of March 31, 2003 with a weighted average exercise price of \$7.59. These stock options were not included in the computation of diluted net loss per share for the three months ended March 31, 2003 because we had a net loss for this period. Anti-dilutive stock options to purchase 1,715,000 shares of common stock with weighted average exercise price of \$12.12 were excluded from the computation of diluted net income per share for the three months ended March 31, 2004 because the exercise price of these options exceeded the average fair market value of our common stock for the three months ended March 31, 2004.

### ***Stock Compensation:***

We account for stock-based compensation using the intrinsic value method. No compensation cost has been recognized for the stock option plans or the employee stock purchase plan. Had compensation cost for these plans been determined based on the fair value at the grant date for the awards, our net income (loss) and net income (loss) per share for the three months ended March 31, 2003 and 2004 would have been as follows, respectively:

	<b>Three Months Ended March 31,</b>	
	<b>2003</b>	<b>2004</b>
Net income (loss), as reported.....	\$ (10,665)	\$ 14,233
Deduct: total stock-based employee compensation expense determined under fair value based method, net of tax.....	<u>(1,821)</u>	<u>(1,952)</u>
Pro forma net income (loss).....	<u>\$ (12,486)</u>	<u>\$ 12,281</u>
Pro forma net income (loss) per share - basic.....	<u>\$ (0.13)</u>	<u>\$ 0.13</u>
Pro forma net income (loss) per share - diluted.....	<u>\$ (0.13)</u>	<u>\$ 0.12</u>

### 3. Investments

We consider cash and all highly liquid investments purchased with an original or remaining maturity of less than three months at the date of purchase to be cash equivalents. Substantially all of our cash and cash equivalents are in the custody of two major financial institutions.

Our investments comprise federal, state, and municipal government obligations and foreign and public corporate debt securities. Investments with maturities of less than one year at the balance sheet date are considered short-term and investments with maturities greater than one year at the balance sheet date are considered long-term. All these investments are classified as available-for-sale and carried at fair value, based on quoted market prices, with the unrealized gains or losses, net of tax, reported in shareholders' equity as other comprehensive income. The cost of debt securities is adjusted for amortization of premiums and accretion of discounts to maturity, both of which are included in interest income. Realized gains and losses are recorded on the specific identification method. Realized gains and realized losses for the three months ended March 31, 2004 were not material.

King Yuan Electronics Company Limited, or KYE, Insyde Software Corporation, or Insyde, Powertech Technology, Incorporated, or PTI, and Professional Computer Technology Limited, or PCT, are Taiwanese companies that are listed on the Taiwan Stock Exchange. Investments in these companies have been included in "Long-term available-for-sale investments." The investment not available for resale due to local securities regulations within one year at the balance sheet date is recorded at the investment cost. The investment available for resale within one year at the balance sheet date is recorded at fair market value, with unrealized gains and losses, net of tax, reported in shareholders' equity as other comprehensive income. If a loss is other than temporary, it is reported as an "Impairment of equity investments." Dividends and other distributions of earnings from the investees, if any, are included in other income when declared.

The fair value of available-for-sale investments as of March 31, 2004 were as follows (in thousands):



	Amortized Cost	Unrealized Gain	Unrealized Loss	Fair Value
Corporate bonds and notes.....	\$ 32	\$ --	\$ --	\$ 32
Government bonds and notes.....	103,922	23	(3)	103,942
Foreign listed equity securities.....	5,412	14,083	--	19,495
Total bonds, notes and equity securities.....	<u>\$ 109,366</u>	<u>\$ 14,106</u>	<u>\$ (3)</u>	<u>123,469</u>
Less amounts classified as cash equivalents.....				(10,515)
Total short and long-term available-for-sale investments.....				<u>\$ 112,954</u>
Contractual maturity dates for investments in bonds and notes:				
Less than 1 year.....				\$ 87,561
1 to 5 year.....				5,898
				<u>\$ 93,459</u>

The net unrealized gains as of March 31, 2004 are recorded in accumulated other comprehensive income, net of tax.

The fair value of available-for-sale investments as of December 31, 2003 were as follows (in thousands):

	Amortized Cost	Unrealized Gain	Unrealized Loss	Fair Value
Corporate bonds and notes.....	\$ 184	\$ --	\$ --	\$ 184
Government bonds and notes.....	158,382	14	--	158,396
Foreign listed equity securities.....	3,759	9,265	(101)	12,923
Total bonds, notes and equity securities.....	<u>\$ 162,325</u>	<u>\$ 9,279</u>	<u>\$ (101)</u>	<u>171,503</u>
Less amounts classified as cash equivalents.....				(85,965)
Total short and long-term available-for-sale investments.....				<u>\$ 85,538</u>
Contractual maturity dates for investments in bonds and notes:				
Less than 1 year.....				\$ 60,569
1 to 5 year.....				12,046
				<u>\$ 72,615</u>

The unrealized gains as of December 31, 2003 are recorded in accumulated other comprehensive income, net of tax.

At March 31, 2004, we have an investment in GSMC of \$83.2 million representing an 11.0% of interest of GSMC. GSMC operates a wafer fabrication facility and is privately held. We use the cost method of accounting for this investment.

#### 4. Selected Balance Sheet Detail

Details of selected balance sheet accounts are as follows (in thousands):

Inventories comprise:

	December 31, 2003	March 31, 2004
Raw materials.....	\$ 20,735	\$ 32,975
Work in process.....	11,265	15,406
Finished goods.....	9,579	15,053
Inventories held at logistics center.....	4,541	6,492
	<u>\$ 46,120</u>	<u>\$ 69,926</u>

Inventories are stated at the lower of cost, determined on a first-in, first-out basis, or market value. We typically plan our production and inventory levels based on internal forecasts of customer demand, which are highly unpredictable and can fluctuate substantially. The value of our inventory is dependent on our estimate of future average selling prices, and, if our projected average selling prices are over estimated, we may be required to adjust our inventory value to reflect the lower of cost or market. Due to the large number of units in our inventory, even a small change in average selling prices could result in a significant adjustment and have a material impact on our financial position and results of operations. Our inventories include high technology parts and components that are specialized in nature or subject to rapid technological obsolescence. Some of our customers have requested that we ship them product that has a finished goods date of manufacture that is less than one year old. In the event that this becomes a common requirement, it may be necessary for us to provide for an additional allowance for our on hand finished goods inventory with a date of manufacture of greater than one year old, which could result in a material adjustment and could harm our financial results. As of March 31, 2004, our allowance for excess and obsolete inventories includes an allowance for our on hand finished goods inventory with a date of manufacture of greater than two years old and for certain products with a date of manufacture of greater than one year old. While we have programs to minimize the required inventories on hand and we consider technological obsolescence when estimating allowances for potentially excess and obsolete inventories and those required to reduce recorded amounts to market values, it is reasonably possible that such estimates could change in the near term. Such changes in estimates could have a material impact on our financial position and results of operations.

Accrued expenses and other liabilities comprise:

	<b>December 31, 2003</b>	<b>March 31, 2004</b>
Accrued compensation and related items.....	\$ 4,911	\$ 6,550
Accrued income tax payable.....	659	—
Accrued liabilities-related parties.....	569	694
Accrued warranty.....	187	120
Other accrued liabilities.....	5,585	8,507
	<u>\$ 11,911</u>	<u>\$ 15,871</u>

Changes in the warranty reserves during the first fiscal quarter of 2003 and 2004 were as follows (in thousands):

	<b>Three Months Ended March 31, 2003</b>	<b>Three Months Ended March 31, 2004</b>
Beginning balance.....	\$ 492	\$ 187
Provisions for warranty.....	207	74
Consumption of reserves.....	(210)	(141)
Ending balance.....	<u>\$ 489</u>	<u>\$ 120</u>

Our products are generally subject to warranty and we provide for the estimated future costs of repair, replacement or customer accommodation upon shipment of the product in the accompanying statements of operations. Our warranty accrual is estimated based on historical claims compared to historical revenues and assumes that we have to replace products subject to a claim. For new products, we use our historical percentage for the appropriate class of product.

## **5. Commitments**

As of March 31, 2004, we had outstanding purchase commitments with our foundry vendors of \$92.0 million for delivery in 2004. We have recorded a liability of \$684,000 for adverse purchase commitments.

During the third quarter of 2001, we recorded a period charge to other operating expense of \$756,000 relating to an operating lease for an abandoned building. This charge represented the estimated difference between the total non-discounted future sublease income and our non-discounted lease commitments relating to this building. The charge was an estimate and may be adjusted if we obtain a sublease for the building and the actual sublease income is significantly different from the estimate. We may be unable to secure subtenants for such space due to the decrease in demand for commercial rental space in Silicon Valley. If we are not successful in subleasing our unused office space, we may be required to take an additional period charge for the balance of the future lease cost. At December 31, 2003 and March 31, 2004, payments made have reduced the recorded liability to \$270,000 and \$218,000, respectively.

Our technology license agreements generally include an indemnification clause that indemnifies the licensee against liability, damages and legal defense costs arising from any claims of patent, copyright, trademark or trade secret infringement by our proprietary technology. The terms of these guarantees approximate the terms of the technology license agreements, which typically range from five to ten years, with an automatic renewal provision. Our current license agreements expire from 2003 through 2014. The maximum possible amount of future payments we could be required to make, if such indemnifications were required on all of these agreements, is \$37.7 million. We have not recorded any liabilities as of March 31, 2004 related to these indemnities.

During our normal course of business, we have made certain indemnities, commitments and guarantees under which we may be required to make payments in relation to certain transactions. These include indemnities to various lessors in connection with facility leases for certain claims arising from such facility or lease, and indemnities to our directors and officers to the maximum extent permitted under the laws of California. In addition, we have contractual commitments to some customers, which could require us to incur costs to repair an epidemic defect with respect to our products outside the normal warranty period if such defect were to occur. The duration of these indemnities, commitments and guarantees varies. The majority of these indemnities, commitments and guarantees do not provide for any limitation of the maximum potential future payments that we could be obligated to make. We have not recorded any liability for these indemnities, commitments and guarantees in the accompanying condensed consolidated balance sheets. We do, however, accrue for losses for any known contingent liability, including those that may arise from indemnification provisions, when future payment is probable.

## **6. Contingencies**

In January 1996, Atmel Corporation filed suit against SST alleging that we infringed six U.S. patents. We successfully moved for summary judgment on two of the six asserted patents in September 1997. In January 2001, Atmel withdrew its allegation that we infringed another patent. On May 7, 2002, a judgment was entered against the us in the amount of \$36.5 million. We appealed the judgment on July 16, 2002. On September 12, 2003 the Court of Appeals upheld the jury's verdict. On November 18, 2003 the Court of Appeals denied our request for a rehearing, and in December 2003 we paid Atmel \$37.8 million to satisfy the judgment plus statutory interest accrued during the appeals. The payment was recorded as other operating expense in the year ending December 31, 2003.

The other patent remaining in the case, the '903 patent, expired in September 2001. The trial court has held that, if it is found to be valid, certain of our products infringed that patent. The trial to determine whether the '903 patent is invalid began on July 29, 2002. On August 5, 2002 the jury announced that it was unable to reach a verdict on our invalidity defense, and a mistrial was declared. Atmel requested a new trial, but the Court stayed the matter until after our appeal of the earlier judgment is resolved. At Atmel's request, the Court has directed the parties to conduct a settlement conference before a Magistrate Judge. That settlement conference was originally scheduled for April 14, 2004 and subsequently rescheduled for May 27, 2004. If the parties are unable to reach a settlement agreement, the Court may set a date for a new trial. The impact related to the outcome of the remaining patent is undeterminable at this time.

From time to time, we are also involved in other legal actions arising in the ordinary course of business. We have accrued certain costs associated with defending these matters. There can be no assurance the remaining Atmel complaint or other third party assertions will be resolved without costly litigation, in a manner that is not adverse to our financial position, results of operations or cash flows or without requiring royalty payments in the future which may adversely impact gross margins. No estimate can be made of the possible loss or possible range of loss associated with the resolution of these contingencies. As a result, no losses have been accrued in our financial statements as of March 31, 2004.

## **7. Segment Reporting**

Our operations involve the design, development, manufacturing, marketing and technical support of our nonvolatile memory technology and products. We offer low and medium density devices that target a broad range of existing and emerging applications in the digital consumer, networking, wireless communications and Internet computing markets. Our products are differentiated based upon attributes such as density, voltage, access speed, package and predicted endurance. We also license our technology for use in non-competing applications.

We manage our business in four reportable segments: the Standard Memory Product Group, or SMPG, the Application Specific Product Group, or ASPG, the Special Product Group, or SPG, and Technology Licensing. We do not allocate operating expenses, interest and other income, interest expense, impairment of equity investments and provision for or benefit from income taxes to any of these segments for internal reporting purposes, as we do not believe that allocating these expenses are material in evaluating a business unit's performance.

SMPG includes our three standard flash memory product families: the Multi-Purpose Flash, or MPF, family, the Multi-Purpose Flash Plus, or MPF+, family and the Many-Time Programmable, or MTP, family. These product families allow us to produce products optimized for cost and functionality to support a broad range of mainstream applications that use nonvolatile memory products. Effective January 1, 2003, we transferred certain MTP products from SMPG to SPG. Effective July 1, 2003, we transferred the Small Sector Flash, or SSF, family from SMPG to SPG. Effective January 1, 2004, we transferred the last MTP series of products from SMPG to SPG. Accordingly, our segment revenues and gross margin information have been reclassified for presentation purposes as if the transfer occurred as of January 1, 2003.

ASPG includes Concurrent SuperFlash, Serial Flash, Firmware Hub, or FWH, and Low Pin Count, or LPC, flash products. These products are designed to address specific applications such as cellular phones, hard disk drives and PCs. ASPG also includes flash embedded controllers such the ATA flash disk controller to consumer, industrial and mass data storage applications. Effective January 1, 2003, we transferred FlashFlex51 microcontroller products from ASPG to SPG. Accordingly, our segment revenues and gross margin information have been reclassified for presentation purposes as if the transfer occurred as of January 1, 2003.

SPG includes ComboMemory, ROM/RAM Combos, the Small Sector Flash, or SSF, family, Multi-Time Programmable, or MTP, family, FlashFlex51 microcontrollers and other special flash products. These products are used in applications requiring low power and a small form factor such as cellular phones, wireless modems, MP3 players, pagers and digital organizers. Effective January 1, 2003, we transferred certain MTP products from SMPG to SPG and FlashFlex51 microcontroller products from ASPG to SPG. Effective July 1, 2003, we transferred the SSF family from SMPG to SPG. Effective January 1, 2004, we transferred the last MTP series of products from SMPG to SPG. Accordingly, our segment revenues and gross margin information have been reclassified for presentation purposes as if the transfer occurred as of January 1, 2003.

Technology Licensing includes both license fees and royalties.

The following table shows our product revenues and gross profit (loss) for each segment (in thousands):

	<b>Three Months Ended March 31, 2003</b>		<b>Three Months Ended March 31, 2004</b>	
	<b>Revenues</b>	<b>Gross Profit (Loss)</b>	<b>Revenues</b>	<b>Gross Profit</b>
SMPG.....	\$ 33,225	\$ (1,649)	\$ 64,333	\$ 16,727
ASPG.....	13,797	2,515	18,075	5,406
SPG.....	6,899	554	8,962	2,955
Technology Licensing.....	7,788	7,788	13,063	13,063
	<u>\$ 61,709</u>	<u>\$ 9,208</u>	<u>\$ 104,433</u>	<u>\$ 38,151</u>

## 8. Comprehensive Income (Loss)

The components of comprehensive income (loss), net of tax, are as follows (in thousands):

	<b>Three Months Ended March 31,</b>	
	<b>2003</b>	<b>2004</b>
Net income (loss).....	\$ (10,665)	\$ 14,233
Other comprehensive income:		
Change in net unrealized gains on investments, net of tax.....	(144)	4,925
Total comprehensive income (loss).....	<u>\$ (10,809)</u>	<u>\$ 19,158</u>

The components of accumulated other comprehensive income are as follows (in thousands):

	<b>December 31, 2003</b>	<b>March 31, 2004</b>
Net unrealized gains on investments, net of tax.....	<u>\$ 9,178</u>	<u>\$ 14,103</u>

## 9. Related Party Transactions and Balances

The following table is a summary of our related party revenues and purchases for the three months ended March 31, 2003 and 2004, and our related party accounts receivable and accounts payable and accruals as of December 31, 2003 and March 31, 2004 (in thousands):

	<b>Three Months Ended March 31, 2003</b>		<b>Three Months Ended March 31, 2004</b>	
	<b>Revenues</b>	<b>Purchases</b>	<b>Revenues</b>	<b>Purchases</b>
Silicon Technology Co., Ltd.....	\$ 387	\$ --	\$ 1,596	\$ --
Ambit Microsystems Corp.....	--	--	--	--
Apacer Technology, Inc. & related entities.....	386	133	595	707
Professional Computer Technology Limited.....	--	--	--	--
Silicon Professional Technology Ltd.....	35,032	--	56,368	--
Grace Semiconductor Manufacturing Corp.....	--	--	--	6,949
King Yuan Electronics Company, Limited.....	--	3,896	--	8,185
Powertech Technology, Incorporated.....	--	2,260	--	3,196
	<u>\$ 35,805</u>	<u>\$ 6,289</u>	<u>\$ 58,559</u>	<u>\$ 19,037</u>

	<b>December 31, 2003</b>		<b>March 31, 2004</b>	
	<b>Trade Accounts Receivable</b>	<b>Trade Accounts Payable and Accruals</b>	<b>Trade Accounts Receivable</b>	<b>Trade Accounts Payable and Accruals</b>
Silicon Technology Co., Ltd.....	\$ 232	\$ --	\$ 758	\$ --
Ambit Microsystems Corp.....	--	4	--	12
Apacer Technology, Inc. & related entities.....	400	736	380	405
Professional Computer Technology Limited.....	--	15	--	--
Silicon Professional Technology Ltd.....	40,588	550	47,031	682
Grace Semiconductor Manufacturing Corp.....	--	--	--	5,624
King Yuan Electronics Company, Limited.....	--	6,896	--	8,281
Powertech Technology, Incorporated.....	--	2,533	--	2,538
	<u>\$ 41,220</u>	<u>\$ 10,734</u>	<u>\$ 48,169</u>	<u>\$ 17,542</u>

Professional Computer Technology Limited, or PCT, continues to earn commissions for point-of-sales transactions to its customers. PCT's commissions are paid at the same rate as all of our other stocking representatives in Asia. In addition, we continue to pay Silicon Professional Technology Ltd., or SPT, a fee for providing logistics center functions. This fee is based on a percentage of revenue for each product shipped through SPT to our end customers. The fee paid to SPT covers the costs of warehousing and insuring inventory and accounts receivable, the personnel costs required to maintain logistics and information technology functions and the costs to perform billing and collection of accounts receivable.

## 10. Income Taxes

We determined that based upon our historical losses and other available objective evidence that there is sufficient uncertainty regarding the realizability of our deferred tax assets such that a full valuation allowance was required. Accordingly, we maintain a valuation allowance against our deferred tax assets of \$27.4 million at March 31, 2004.

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

*The following discussion may be understood more fully by reference to the consolidated financial statements, notes to the consolidated financial statements, and management's discussion and analysis of financial condition and results of operations contained in our Annual Report on Form 10-K for the year ended December 31, 2003, as filed with the Securities and Exchange Commission.*

*The following discussion contains forward-looking statements, which involve risk and uncertainties. All forward-looking statements included in this document are based on information available to us on the date hereof, and we assume no obligation to update any such forward-looking statements. Our actual results could differ materially from those anticipated in these forward-looking statements as a result of certain factors which are difficult to forecast and can materially affect our quarterly or annual operating results. Fluctuations in revenues and operating results may cause volatility in our stock price. Please refer to the section below entitled "Business Risks."*

### **Overview**

We are a leading supplier of flash memory semiconductor devices for the digital consumer, networking, wireless communication and Internet computing markets.

The semiconductor industry has historically been cyclical, characterized by periodic changes in business conditions caused by product supply and demand imbalance. When the industry experiences downturns, they often occur in connection with, or in anticipation of, maturing product cycles and declines in general economic conditions. These downturns are characterized by weak product demand, excessive inventory and accelerated decline of selling prices. In some cases, downturns, such as the one we experienced from late 2000 through 2002, lasted for more than a year. We began to experience a slow recovery during 2002 through the first half of 2003. During the second half of 2003 and the first quarter of 2004, demand for our products increased sharply and we began to see improvements in the average selling prices of our products. However, our business could be further harmed by industry-wide prolonged downturns in the future.

Our product sales are made primarily using short-term cancelable purchase orders. The quantities actually purchased by the customer, as well as shipment schedules are frequently revised to reflect changes in the customer's needs and in our supply of product. Accordingly, our backlog of open purchase orders at any given time is not a meaningful indicator of future sales. Changes in the amount of our backlog do not necessarily reflect a corresponding change in the level of actual or potential sales.

We derived 88.5%, 90.0% and 86.8% of our net product revenues during 2002, 2003 and the three months ended March 31, 2004, respectively, from product shipments to Asia. Additionally, substantially all of our wafer suppliers and packaging and testing subcontractors are located in Asia.

Our top ten end customers, which excludes transactions through stocking representatives and distributors, accounted for 36.8%, 37.7% and 43.5% of our net product revenues in 2002, 2003 and the three months ended March 31, 2004, respectively.

No single end customer, which we define as original equipment manufacturers, or OEMs, original design manufacturers, or ODMs, contract electronic manufacturers, or CEMs, or end users, represented 10.0% or more of our net product revenues during 2002, 2003 or the three months ended March 31, 2004.

Since March 2001, we have been increasing our out-sourcing activities for our customer service logistics to support our customers. Currently Silicon Professional Technology Ltd., or SPT, supports our customers in Taiwan, China and other Southeast Asia countries. SPT provides planning, warehousing, delivery, billing, collection and other logistic functions for us in these regions. SPT is a wholly-owned subsidiary of one of our stocking representatives in Taiwan, Professional Computer Technology Limited, or PCT. Please see a description of our relationship with PCT under "Item 7. Management's Discussion and Analysis of Financial Condition and Results of Operations - Related Party Transactions" in our Annual Report on Form 10-K for the year ended December 31, 2003. Products shipped to SPT are accounted for as consigned inventory, and revenue is recognized when the products have been delivered and are considered as a sale to our end customers by SPT. For the year ended December 31, 2003 and the

three months ended March 31, 2004, SPT serviced end customer sales accounting for 64.2% and 61.7% of our net product revenues recognized. As of December 31, 2003 and March 31, 2004, SPT represented 73.4% and 69.3% of our net accounts receivable, respectively.

We ship products to, and have accounts receivable from, OEMs, ODMs, CEMs, stocking representatives, distributors, and our logistics center. Our stocking representatives, distributors and logistics center reship our products to our end customers, including OEMs, ODMs, CEMs and end users. Shipments, by us or our logistic center, to our top three stocking representatives for reshipment accounted for 16.9%, 29.9% and 38.2% of our product shipments in 2001, 2002 and the three months ended March 31, 2004, respectively. In addition, the same three stocking representatives solicited sales, for which they received a commission, for 41.3%, 32.8% and 26.8% of our shipments to end users in 2002, 2003 and the three months ended March 31, 2004, respectively.

### **Critical Accounting Estimates**

For information related to our revenue recognition and other critical accounting estimates, please refer to the "Critical Accounting Estimates" section of "Management's Discussion and Analysis of Financial Condition and Results of Operations" contained in our Annual Report on Form 10-K for the year ended December 31, 2003.

### **Results of Operations: Quarter Ended March 31, 2004**

#### **Net Revenues**

Net revenues were \$104.4 million for the first quarter of 2004 as compared to \$95.2 million in the fourth quarter of 2003 and \$61.7 million for the first quarter of 2003. Net revenues increased compared to the fourth quarter of 2003 and the first quarter of 2003 due to increased average selling prices for our products across all densities and increased shipment of higher density products.

*Product Revenues.* Product revenues were \$91.4 million in the first quarter of 2004 as compared to \$82.4 million in the fourth quarter of 2003 and \$53.9 million in the first quarter of 2003. Product revenues increased compared to the fourth quarter of 2003 due to increased average selling prices for our products of 16.1% and increased units shipment of our higher density products of 28.7%. Product revenues increased compared to the first quarter of 2003 due to increased average selling prices for our products of 23.6% and increased units shipment of our products of 36.5%. Unit shipments fluctuate due to overall industry supply and demand.

*Technology Licensing Revenues.* Revenues from license fees and royalties were \$13.1 million in the first quarter of 2004, as compared to \$12.9 million in the fourth quarter of 2003 and \$7.8 million in the first quarter of 2003. Revenues from license fees and royalties are recognized upon the licensee's acceptance of the delivery of our engineering milestones. Revenues from technology licensing fluctuate upon the timing of the delivery of engineering milestones. We anticipate that revenues from technology licensing may fluctuate significantly in the future.

#### **Gross Profit**

Gross profit was \$38.2 million, or 36.5% of net revenues, in the first quarter of 2004 as compared to gross profit of \$32.5 million, or 34.1% of net revenues, in the fourth quarter of 2003 and \$9.2 million, or 14.9% of net revenues, in the first quarter of 2003. The increase in gross profit from the fourth quarter of 2003 to the first quarter of 2004 is primarily due to increased average selling prices of our products of 16.1%, increased unit shipments of our higher density products, lower average unit costs and increased license revenues of \$197,000. The increase in gross profit in the first quarter of 2004 when compared to the first quarter of 2003 is due primarily to increases in average selling prices and unit shipments. Product gross margin was 27.5% for the first quarter of 2004, compared to 23.8% for the fourth quarter of 2003 and 2.6% for the first quarter of 2003. The increase in product gross margin from the fourth quarter of 2003 to the first quarter of 2004 primarily relates to the improvement of overall manufacturing costs. The increase in product gross margin from the first quarter of 2003 to the first quarter of 2004 relates to increased average selling prices of our products by 23.6%. For other factors affecting our gross profit, please also see "Business Risks - We incurred significant inventory valuation adjustments in 2001, 2002 and 2003 and we may incur additional significant inventory valuation adjustments in the future."



## Operating Expenses

Our operating expenses consist of research and development, sales and marketing, and general and administrative expenses. Operating expenses were \$22.7 million, or 21.8% of net revenues, in the first quarter of 2004, compared to \$21.7 million, or 22.7% of net revenues, in the fourth quarter of 2003, and \$20.3 million, or 32.9% of net revenues, in the first quarter of 2003. The increase of \$1.0 million and \$2.4 million from the fourth quarter of 2003 and the first quarter of 2003, respectively, were primarily due to employee profit sharing expenses of \$1.7 million in the first quarter of 2004 and payroll related expenses as a result of employee salary adjustments in March 2004 offset by a decrease in legal expenses of \$664,000 and bad debt expenses of \$203,000. We anticipate that we will continue to devote substantial resources to research and development, sales and marketing and to general and administrative, and that these expenses may increase in dollars.

*Research and development.* Research and development expenses include costs associated with the development of new products, enhancements to existing products, quality assurance activities and occupancy costs. These costs consist primarily of employee salaries and benefits and the cost of materials such as masks, wafers and evaluation parts. Research and development expenses were \$11.8 million, or 11.3% of net revenues, during the first quarter of 2004, as compared to \$10.3 million, or 10.9% of net revenues, during the fourth quarter of 2003 and \$10.8 million, or 17.4% of net revenues, during the first quarter of 2003. Research and development expenses increased by 14.2% from the fourth quarter of 2003 due primarily to an increase of \$827,000 in employee profit sharing and \$602,000 in payroll related expenses offset by a decrease of expenses in engineering wafers, software license support and design expenses of \$252,000. Research and development expenses increased by 9.7% from the first quarter of 2003 due primarily to an increase of \$827,000 in employee profit sharing, \$183,000 in payroll related expenses, and \$903,000 in masks offset by a decrease of expenses in depreciation of \$321,000, outside services of \$113,000 and software license and support of \$93,000. We expect that research and development expenses may increase in dollars.

*Sales and marketing.* Sales and marketing expenses consist of commissions, headcount and related costs, as well as travel, entertainment and promotional expenses. Sales and marketing expenses were \$6.9 million, or 6.6% of net revenues, in the first quarter of 2004, as compared to \$5.8 million, or 6.1% of net revenues, in the fourth quarter of 2003 and \$6.0 million, or 9.6% of net revenues, during the first quarter of 2003. The increase in sales and marketing expenses by 18.6% from the fourth quarter of 2003 to the first quarter of 2004 was primarily attributable to an increase of \$477,000 in commission and \$325,000 in employee profit sharing expenses, \$142,000 in payroll related expenses and \$56,000 in patent fees. The increase in sales and marketing expenses by 16.4% from the first quarter of 2003 to the first quarter of 2004 was primarily attributable to an increase of \$409,000 in commission, \$319,000 in logistic center fees, \$325,000 in employee profit sharing and \$72,000 in payroll related expenses. Fluctuations in revenues will cause fluctuations in sales and marketing expenses as it impacts our commission expenses. In future periods, we expect sales and marketing expenses will increase in dollars as we continue to expand our sales and marketing efforts.

*General and administrative.* General and administrative expenses consist of salaries and related costs for administrative, executive and finance personnel, recruiting costs, professional services and legal fees and allowances for doubtful accounts. General and administrative expenses were \$4.0 million, or 3.8% of net revenues, in the first quarter of 2004, as compared to \$4.1 million, or 4.3% of net revenues, in the fourth quarter of 2003 and \$3.6 million, or 5.8% of net revenues, during the first quarter of 2003. Expenses decreased from the fourth quarter of 2003 primarily due to a decrease of legal fee and bad debt expenses of \$867,000 offset by the increased employee profit sharing and payroll related expenses of \$506,000. The increase in general and administrative expenses of 11.6% from the first quarter of 2003 was primarily due to increased employee profit sharing expenses of \$350,000, bad debt expenses of \$113,000 and accounting fees of \$84,000 offset by decreased payroll related expenses of \$171,000. We anticipate that general and administrative expenses may increase in dollars as we scale our facilities, infrastructure, and headcount to support our overall expected growth. We may also incur additional expenses in connection with the Atmel litigation. For further information on this litigation see "Legal Proceedings."

*Interest and other income.* Interest and other income was \$384,000, or 0.4% of net revenues, during the first quarter of 2004, as compared to \$420,000, or 0.4% of net revenues, during the fourth quarter of 2003 and \$456,000, or 0.7% of net revenues, during the first quarter of 2003. Interest income decreased both from the fourth and first quarters of 2003 to the first quarter of 2004 due to decreasing invested cash.

*Interest expense.* Interest expense was \$44,000 for the first quarter of 2004 as compared to \$29,000 for the fourth quarter of 2003 and \$38,000 for the first quarter of 2003. Interest expense relates to interest on our notes payable.

### **Provision for Income Taxes**

Our provision for taxes reflects a full valuation allowance. During the first quarter of 2004, we maintained a full valuation allowance on our net deferred tax assets. The valuation allowance was determined in accordance with the provisions of Statement of Financial Accounting Standards No. 109 ("SFAS No. 109"), "Accounting for Income Taxes," which requires an assessment of both positive and negative evidence when determining whether it is more likely than not that deferred tax assets are recoverable; such assessment is required on a jurisdiction by jurisdiction basis. Cumulative losses incurred in the U.S. in recent years represented sufficient negative evidence under SFAS No. 109 and accordingly, a full valuation allowance was recorded against U.S. deferred tax assets. We intend to maintain a full valuation allowance on the U.S. deferred tax assets until sufficient positive evidence exists to support reversal of the valuation allowance. In 2003, we implemented an international tax structure, which in conjunction with the full valuation allowance, will mean that going forward we will record a tax provision as a result of foreign tax withholding and alternative minimum tax until such time that the valuation allowance against the deferred tax asset is no longer required. For the first quarter of 2004, our income tax provision was \$1.5 million on pre-tax income of \$15.8 million mainly consisting of foreign withholding taxes.

### **Segment Reporting**

We manage our business in four reportable segments: SMPG, ASPG, SPG and Technology Licensing. Refer to Note 7 of the Notes to the Condensed Consolidated Financial Statements for revenue and gross profit information by reportable segment.

SMPG includes our three standard flash memory product families: the MPF family, the MPF+ family and the MTP family. Effective January 1, 2003, we transferred certain MTP products from SMPG to SPG. Effective July 1, 2003, we transferred the Small Sector Flash, or SSF, family from SMPG to SPG. Effective January 1, 2004, we transferred the last MTP series of products from SMPG to SPG. Accordingly, our segment revenues and gross margin information have been reclassified for presentation purposes as if the transfer occurred as of January 1, 2003. SMPG revenues were \$64.3 million for the first quarter of 2004, as compared to \$55.2 million in the fourth quarter of 2003 and \$33.2 million in the first quarter of 2003. The increase in revenues, both from the fourth and first quarters of 2003, was primarily due to higher average selling prices by 21.8% and 39.0%, respectively, offset by decreased unit shipments by 0.9% in the fourth quarter of 2003 and increased unit shipment by 30.6% in the first quarter of 2003. Gross margin increased from 24.2% in the fourth quarter of 2003 to 26.0% in the first quarter of 2004 primarily due to changes in product mix and increases in average selling prices. Gross margin increased from negative 5.0% in the first quarter of 2003 to 26.0% in the first quarter of 2004 primarily due to higher average selling prices and changes in product mix.

ASPG includes Concurrent SuperFlash, Serial Flash, Firmware Hub, or FWH, and Low Pin Count, or LPC, flash products. ASPG also includes flash embedded controllers such as the ATA controller. Effective January 1, 2003, we transferred FlashFlex51 microcontroller products from ASPG to SPG. Accordingly, our segment revenues and gross margin information have been reclassified for presentation purposes as if the transfer occurred as of January 1, 2003. ASPG revenues were \$18.1 million for the first quarter of 2004, as compared to \$19.0 million in the fourth quarter of 2003 and \$13.8 million in the first quarter of 2003. The decrease in revenues from the fourth quarter of 2003 was primarily due to lower average selling prices by 2.8% and lower unit shipments by 4.2%. The increase in revenues from the first quarter of 2003 was primarily due to higher unit shipments by 63.6%. Gross margin increased from 24.1% in the fourth quarter of 2003 to 29.9% in the first quarter of 2004 primarily due to decreased average unit costs. Gross margin increased from 18.2% in the first quarter of 2003 to 29.9% in the first quarter of 2004 primarily due to increase in average selling prices and product mix.

SPG includes ComboMemory, ROM/RAM Combos, SSF, MTP, FlashFlex51 microcontrollers and other special flash products. Effective January 1, 2003, we transferred certain MTP products from SMPG to SPG and FlashFlex51 microcontroller products from ASPG to SPG. Effective July 1, 2003, we transferred the SSF family from SMPG to SPG. Effective January 1, 2004, we transferred the last MTP series of products from SMPG to SPG. Accordingly,

our segment revenues and gross margin information have been reclassified for presentation purposes as if the transfer occurred as of January 1, 2003. SPG revenues were \$9.0 million for the first quarter of 2004, as compared to \$8.2 million in the fourth quarter of 2003 and \$6.9 million in the first quarter of 2003. The increase in revenues from the fourth quarter of 2003 was primarily due to increased higher average selling prices by 20.6%, offset by lower unit shipments by 19.3%. The increase in revenues from the first quarter of 2003 was primarily due to increased unit shipments by 29.0% and higher average selling prices by 41.5%. Gross margin increased from 20.4% in the fourth quarter of 2003 to 33.0% in the first quarter of 2004 primarily due to increase in average selling prices and changes in product mix. Gross margin increased from 8.0% in the first quarter of 2003 to 33.0% in the first quarter of 2004 primarily due to increase in average selling prices and changes in product mix.

Revenue and gross profit related to technology licensing was \$13.1 million in the first quarter of 2004, as compared to \$12.9 million in the fourth quarter of 2003 and \$7.8 million in the first quarter of 2003. Revenues from license fees and royalties are recognized upon the licensee's acceptance of the delivery of our engineering milestones. Revenues from technology licensing fluctuate upon the timing of the delivery of engineering milestones. We anticipate that revenues from technology licensing may fluctuate significantly in the future.

### Related Party Transactions and Balances

The following table is a summary of our related party revenues and purchases for the quarters ended March 31, 2003 and 2004, and our related party accounts receivable and accounts payable and accruals as of December 31, 2003 and March 31, 2004 (in thousands). For a description of our relationship with these parties please see "Management's Discussion and Analysis of Financial Condition and Results of Operations - Related Party Transactions" in our Annual Report on Form 10-K for the year ended December 31, 2003.

	Three Months Ended March 31, 2003		Three Months Ended March 31, 2004	
	Revenues	Purchases	Revenues	Purchases
Silicon Technology Co., Ltd.....	\$ 387	\$ --	\$ 1,596	\$ --
Ambit Microsystems Corp.....	--	--	--	--
Apacer Technology, Inc. & related entities.....	386	133	595	707
Professional Computer Technology Limited.....	--	--	--	--
Silicon Professional Technology Ltd.....	35,032	--	56,368	--
Grace Semiconductor Manufacturing Corp.....	--	--	--	6,949
King Yuan Electronics Company, Limited.....	--	3,896	--	8,185
Powertech Technology, Incorporated.....	--	2,260	--	3,196
	<u>\$ 35,805</u>	<u>\$ 6,289</u>	<u>\$ 58,559</u>	<u>\$ 19,037</u>

	December 31, 2003		March 31, 2004	
	Trade Accounts Receivable	Trade Accounts Payable and Accruals	Trade Accounts Receivable	Trade Accounts Payable and Accruals
Silicon Technology Co., Ltd.....	\$ 232	\$ --	\$ 758	\$ --
Ambit Microsystems Corp.....	--	4	--	12
Apacer Technology, Inc. & related entities.....	400	736	380	405
Professional Computer Technology Limited.....	--	15	--	--
Silicon Professional Technology Ltd.....	40,588	550	47,031	682
Grace Semiconductor Manufacturing Corp.....	--	--	--	5,624
King Yuan Electronics Company, Limited.....	--	6,896	--	8,281
Powertech Technology, Incorporated.....	--	2,533	--	2,538
	<u>\$ 41,220</u>	<u>\$ 10,734</u>	<u>\$ 48,169</u>	<u>\$ 17,542</u>

PCT continues to earn commissions for point-of-sales to its customers. PCT's commissions are paid at the same rate as all of our other stocking representatives in Asia. In addition, we continue to pay SPT a fee for providing logistics center functions. This fee is based on a percentage of revenue for each product shipped through SPT to our end customers. The fee paid to SPT covers the costs of warehousing and insuring inventory and accounts receivable, the personnel costs required to maintain logistics and information technology functions and the costs to perform billing and collection of accounts receivable.

## **Liquidity and Capital Resources**

*Operating activities.* Our operating activities used cash of \$3.6 million for the three months ended March 31, 2004 as compared to generated cash of \$15.1 million for the three months ended March 31, 2003. For the three months ended March 31, 2004, our primary usage of operating cash flow were the increased purchases of inventory and increased accounts receivable from both related and unrelated parties offset by the increase of accounts payable to unrelated parties. The increase of accounts receivable from both related and unrelated parties is due to the increase of sales in the quarter. We measure the effectiveness of our collection efforts by an analysis of average days sales outstanding. Days sales outstanding were 59 days in the first quarter of 2004 as compared to 46 days in the first quarter of 2003. Collections of accounts receivable and related days sales outstanding will fluctuate in future periods due to the timing and amount of our future revenues, customer payment terms and the effectiveness of our collection efforts.

*Investing activities.* Our investing activities used cash of \$57.6 million for the first quarter of 2004 as compared to \$7.8 million for the first quarter of 2003. Investing activities in the first quarter of 2004 were primarily related to our additional investments in Grace Semiconductor Manufacturing Corporation of \$33.2 million and net purchases of available-for-sale investments of \$23.5 million. Additional uses of cash included capital expenditures of \$1.8 million. Investing activities in the first quarter of 2003 were primarily related to net purchases of available-for-sale investments and equity investments of \$7.2 million and capital expenditures of \$513,000.

*Financing activities.* Our financing activities provided cash of \$2.0 million and \$1.8 million during the first quarter of 2004 and 2003, respectively. Cash generated from financing activities primarily related to issuance of common stock under the employee stock purchase plan and the exercise of employee stock options totaling \$2.1 million and \$1.8 million in the first quarters of 2004 and 2003, respectively.

Principal sources of liquidity at March 31, 2004 consisted of \$153.0 million of cash, cash equivalents, and short-term and long-term available-for-sale investments.

*Purchase Commitments.* As of March 31, 2004, we had outstanding purchase commitments with our foundry vendors of \$92.0 million for delivery in 2004. We have recorded a liability of \$684,000 for adverse purchase commitments.

*Lease Commitments.* We have long-term, non-cancelable building lease commitments. We are currently seeking subtenants for our unused office space. During the third quarter of 2001, we recorded a period charge to other operating expense of \$756,000 relating to an operating lease for an abandoned building. This charge represents the estimated difference between the total non-discounted future sublease income and our non-discounted lease commitments relating to this building. The charge was an estimate and may be adjusted if we obtain a sublease for the building and the actual sublease income is significantly different from the estimate. We may be unable to secure subtenants for this space due to the recent decrease in demand for commercial rental space in Silicon Valley. At December 31, 2003 and March 31, 2004, payments made have reduced the recorded liability to \$270,000 and \$218,000, respectively. See also "Business Risks – If we are not successful in subleasing our unused office space, we may be required to take a period charge for the difference between the total future sublease income and our lease cost."

Future payments due under building lease, purchase commitments and other contractual obligations as of March 31, 2004 (in thousands):

		Less than			More than
Contractual obligations	Total	1 year	1-3 years	3-5 years	5 years
Notes payable.....	\$ 776	\$ 404	\$ 372	\$ --	\$ --
Operating leases.....	18,875	5,262	5,573	5,205	2,835
Purchase commitments.....	91,970	91,970	--	--	--
Other long-term liability.....	860	--	860	--	--
Total.....	<u>\$ 112,481</u>	<u>\$ 97,636</u>	<u>\$ 6,805</u>	<u>\$ 5,205</u>	<u>\$ 2,835</u>

*Operating Capital Requirements.* We believe that our cash balances, together with the funds we expect to generate from operations, will be sufficient to meet our projected working capital and other cash requirements through at least the next twelve months. However, there can be no assurance that future events will not require us to seek additional borrowings or capital and, if so required, that such borrowing or capital will be available on acceptable terms. Factors that could affect our short-term and long-term cash used or generated from operations and as a result, our need to seek additional borrowings or capital include:

- the average selling prices of our products;
- customer demand for our products;
- the need to secure future wafer production capacity from our suppliers;
- the timing of significant orders and of license and royalty revenue; and
- unanticipated research and development expenses associated with new product introductions.

Please also see "Business Risks - Our operating results fluctuate significantly, and an unanticipated decline in revenues may disappoint securities analyst or investors and result in a decline in our stock price."

On May 7, 2002, a judgment was entered against us regarding the infringement of two U.S. patents in the amount of \$36.5 million. We appealed the judgment on July 16, 2002. On September 12, 2003 the Court of Appeals upheld the jury's verdict. On November 18, 2003 the Court of Appeals denied our request for a rehearing and in December 2003 we paid Atmel \$37.8 million to satisfy the judgment including statutory interest accrued during the appeals for the patent '811 and 829'. The other patent remaining in the case, the '903 patent, is scheduled for settlement conference before a magistrate judge on May 27, 2004. In the event of unfavorable outcome of the settlement conference, we may have to make an additional payment. For more information, please also see "Business Risks – If we are accused of infringing the intellectual property rights of other parties we may become subject to time-consuming and costly litigation. If we lose, we could suffer a significant impact on our business and be forced to pay damages."

From time to time, we are also involved in other legal actions arising in the ordinary course of business. We have accrued certain costs associated with defending these matters. There can be no assurance the Atmel complaint or other third party assertions will be resolved without costly litigation, in a manner that is not adverse to our financial position, results of operations or cash flows or without requiring royalty payments in the future which may adversely impact gross margins. No estimate can be made of the possible loss or possible range of loss associated with the resolution of these contingencies. As a result, no losses have been accrued in our financial statements as of March 31, 2004.

### **Critical Accounting Policies**

For information related to our revenue recognition and other critical accounting policies, please refer to the "Critical Accounting Policies" section of our Management's Discussion and Analysis of Financial Condition and Results of Operations contained in our Annual Report on Form 10-K for the year ended December 31, 2003.

### **Recent Accounting Pronouncements**

In January 2003, the Financial Accounting Standard Board, or FASB, issued FIN No. 46, "Consolidation of Variable Interest Entities, an Interpretation of ARB No. 51." FIN No. 46 requires certain variable interest entities to be

consolidated by the primary beneficiary of the entity if the equity investors in the entity do not have the characteristics of a controlling financial interest or do not have sufficient equity at risk for the entity to finance its activities without additional subordinated financial support from other parties. FIN No. 46 is effective immediately for all new variable interest entities created or acquired after January 31, 2003. In December 2003, the FASB issued a revision of FIN No. 46 that delays the implementation date for certain interests created or acquired prior to January 31, 2003 until the first interim or annual period ending after March 15, 2004. We have reviewed our equity investments and associated relationships to determine if they are variable interest entities as defined by FIN No. 46 as of March 31, 2004. We concluded that we are not the primary beneficiary of or hold an interest in a variable interest entity.

In May 2003, the FASB issued SFAS No. 150, "Accounting for Certain Financial Instruments with Characteristics of both Liabilities and Equity." SFAS No. 150 establishes standards for how an issuer classifies and measures certain financial instruments with characteristics of both liabilities and equity. SFAS No. 150 requires that an issuer classify a financial instrument that is within its scope as a liability (or an asset in some circumstances). Many of those instruments were previously classified as equity. SFAS No. 150 is effective for financial instruments entered into or modified after May 31, 2003, and otherwise is effective at the beginning of the first fiscal period beginning after June 15, 2003. SFAS No. 150 is to be implemented by reporting the cumulative effect of a change in an accounting principle for financial instruments created before the issuance date of SFAS No. 150 and still existing at the beginning of the interim period of adoption. Restatements are not permitted under SFAS No. 150. The adoption of SFAS No. 150 did not have a significant impact on our consolidated financial statements.

In March 2004, the FASB approved EITF Issue 03-6 "Participating Securities and the Two-Class Method under FAS 128". EITF Issue 03-6 supersedes the guidance in Topic No. D-95, "Effect of Participating Convertible Securities on the Computation of Basic Earnings per Share", and requires the use of the two-class method of participating securities. The two-class method is an earnings allocation formula that determines earnings per share for each class of common stock and participating security according to dividends declared (or accumulated) and participation rights in undistributed earnings. In addition, EITF Issue 03-6 addresses other forms of participating securities, including options, warrants, forwards and other contracts to issue an entity's common stock, with the exception of stock-based compensation (unvested options and restricted stock) subject to the provisions of APB No. 25 and SFAS No. 123. EITF Issue 03-6 is effective for reporting periods beginning after March 31, 2004 and should be applied by restating previously reported EPS. As of March 31, 2004, we do not have any securities issued and outstanding subject to this pronouncement. Therefore, the adoption of EITF Issue 03-6 will not have any impact on the disclosure of EPS.

## Business Risks

### Risks Related to Our Business

**Our operating results fluctuate materially, and an unanticipated decline in revenues may disappoint securities analysts or investors and result in a decline in our stock price.**

Although we were profitable for the fourth quarter of 2003 and the first quarter of 2004, we incurred net losses for 2001, 2002 and in the first nine months of 2003. Our operating results have fluctuated significantly and our past financial performance should not be used to predict future operating results. Our recent quarterly and annual operating results have fluctuated, and may continue to fluctuate, due to the following factors, all of which are difficult to forecast and many of which are out of our control:

- the availability, timely delivery and cost of wafers or other manufacturing and assembly services from our suppliers;
- competitive pricing pressures and related changes in selling prices;
- fluctuations in manufacturing yields and significant yield losses;
- new product announcements and introductions of competing products by us or our competitors;
- product obsolescence;
- lower of cost or market, obsolescence or other inventory adjustments;
- changes in demand for, or in the mix of, our products;
- the gain or loss of significant customers;
- market acceptance of products utilizing our SuperFlash® technology;
- changes in the channels through which our products are distributed and the timeliness of receipt of distributor resale information;
- exchange rate fluctuations;
- general economic, political and environmental-related conditions, such as natural disasters;
- increases in allowance for doubtful accounts;
- valuation allowances on deferred tax assets based on changes in estimated future taxable income;
- difficulties in forecasting, planning and management of inventory levels;
- unanticipated research and development expenses associated with new product introductions; and
- the timing of significant orders and of license and royalty revenue.

As recent experience confirms, a downturn in the market for products such as personal computers and cellular telephones that incorporate our products can also harm our operating results.

**Our operating expenses are relatively fixed, and we order materials in advance of anticipated customer demand. Therefore, we have limited ability to reduce expenses quickly in response to any revenue shortfalls.**

Our operating expenses are relatively fixed, and we therefore have limited ability to reduce expenses quickly in response to any revenue shortfalls. Consequently, our operating results will be harmed if our revenues do not meet our projections. We may experience revenue shortfalls for the following reasons:

- sudden drops in consumer demand which may cause customers to cancel backlog, push out shipment schedules, or reduce new orders, possibly due to a slowing economy or inventory corrections among our customers;
- significant declines in selling prices that occur because of competitive price pressure during an over-supply market environment;
- sudden shortages of raw materials for fabrication, test or assembly capacity constraints that lead our suppliers to allocate available supplies or capacity to other customers which, in turn, harm our ability to meet our sales obligations; and
- the reduction, rescheduling or cancellation of customer orders.

In addition, political or economic events beyond our control can suddenly result in increased operating costs. For example, the terrorist attacks of September 11, 2001 have resulted in a substantial increase to our business insurance

costs. In addition, under a current proposed standard, we would be required to record compensation expense on stock option grants and on shares purchased under our employee stock purchase program, which would substantially increase our operating costs and impact our earnings (loss) per share.

**We incurred significant inventory valuation adjustments in 2002, 2003 and the first quarter of 2004, and we may incur additional significant inventory valuation adjustments in the future.**

We typically plan our production and inventory levels based on internal forecasts of customer demand, which are highly unpredictable and can fluctuate materially. The value of our inventory is dependent on our estimate of future average selling prices, and, if our projected average selling prices are over estimated, we may be required to adjust our inventory value to reflect the lower of cost or market. As of March 31, 2004, we had \$69.9 million of inventory on hand, an increase of \$23.8 million, or 51.6%, from December 31, 2003. Total valuation adjustments to inventory were \$9.2 million in 2002, \$6.7 million in 2003 and \$2.1 million in the first quarter of 2004. Due to the large number of units in our inventory, even a small change in average selling prices could result in a significant adjustment and could harm our financial results. Some of our customers have requested that we ship them product that has a finished goods date of manufacture that is less than one year old. As of March 31, 2004, our allowance for excess and obsolete inventories includes an allowance for our on hand finished goods inventory with a date of manufacture of greater than two years old and for certain products with a date of manufacture of greater than one year old. In the event that this becomes a common requirement, it may be necessary for us to provide for an additional allowance for our on hand finished goods inventory with a date of manufacture of greater than one year old, which could result in a significant adjustment and could harm our financial results.

**Cancellations or rescheduling of backlog may result in lower future revenue and harm our business.**

Due to possible customer changes in delivery schedules and cancellations of orders, our backlog at any particular date is not necessarily indicative of actual sales for any succeeding period. A reduction of backlog during any particular period, or the failure of our backlog to result in future revenue, could harm our business in the future. We experienced a sharp downturn in several of our markets late in the fourth quarter of 2000 through 2002, as our customers reacted to weakening demand for their products. We began to experience a slow recovery during 2002 through the first half of 2003. During the second half of 2003 and the first quarter of 2004, demand for our products increased sharply and we began to see improvements in the average selling prices of our products. However, our business could be harmed by industry-wide fluctuations in the future.

**Our business may suffer due to risks associated with international sales and operations.**

During 2002, 2003 and the three months ended March 31, 2004, our export product and licensing revenues accounted for 92.0%, 92.9% and 86.8% of our net revenues, respectively. Our international business activities are subject to a number of risks, each of which could impose unexpected costs on us that would harm our operating results. These risks include:

- difficulties in complying with regulatory requirements and standards;
- tariffs and other trade barriers;
- costs and risks of localizing products for foreign countries;
- reliance on third parties to distribute our products;
- extended accounts receivable payment cycles;
- potentially adverse tax consequences;
- limits on repatriation of earnings; and
- burdens of complying with a wide variety of foreign laws.

In addition, we have made equity investments in companies with operations in China, Japan and Taiwan. The value of our investments is subject to the economic and political conditions particular to their industry, their countries and to foreign exchange rates and to the global economy. If we determine that a change in the recorded value of an investment is other than temporary, we will adjust the value of the investment. Such an expense could have a negative impact on our operating results.



We derived 88.5%, 90.0% and 86.8% of our net product revenues from Asia during 2002, 2003 and the three months ended March 31, 2004, respectively. Additionally, substantially all of our wafer suppliers and packaging and testing subcontractors are located in Asia. Any kind of economic, political or environmental instability in this region of the world can have a severe negative impact on our operating results due to the large concentration of our production and sales activities in this region. For example, during 1997 and 1998, several Asian countries where we do business, such as Japan, Taiwan and Korea, experienced severe currency fluctuation and economic deflation, which negatively impacted our revenues and also negatively impacted our ability to collect payments from customers. During this period, the lack of capital in the financial sectors of these countries made it difficult for our customers to open letters of credit or other financial instruments that are guaranteed by foreign banks. Finally, the economic situation during this period exacerbated a decline in selling prices for our products as our competitors reduced product prices to generate needed cash. It should also be noted that we are greatly impacted by the political, economic and military conditions in Taiwan. Taiwan and China are continuously engaged in political disputes and both countries have continued to conduct military exercises in or near the other's territorial waters and airspace. Such disputes may continue and even escalate, resulting in an economic embargo, a disruption in shipping or even military hostilities. Any of these events could delay production or shipment of our products. Any kind of activity of this nature or even rumors of such activity could harm our operations, revenues, operating results, and stock price.

**Terrorist attacks and threats, and government responses thereto, could harm our business.**

Terrorist attacks in the United States or abroad against American interests or citizens, U.S. retaliation for these attacks, threats of additional terrorist activity and the war in Iraq have caused our customer base to become more cautious. Any escalation in these events or similar future events may disrupt our operations or those of our customers, distributors and suppliers, affect the availability of materials needed to manufacture our products, or affect the means to transport those materials to manufacturing facilities and finished products to customers. In addition, these events have had and may continue to have an adverse impact on the U.S. and world economy in general and consumer spending in particular, which could harm our business.

**We do not typically enter into long-term contracts with our customers, and the loss of a major customer could harm our business.**

We do not typically enter into long-term contracts with our customers. In addition, we cannot be certain as to future order levels from our customers. In the past, when we have entered into a long-term contract, the contract has generally been terminable at the convenience of the customer.

**We depend on stocking representatives and distributors to generate a majority of our revenues.**

We rely on stocking representatives and distributors to establish and maintain customer relationships and to sell our products. These stocking representatives and distributors could discontinue their relationship with us or discontinue selling our products at any time. The majority of our stocking representatives are located in Asia. The loss of our relationship with any stocking representative or distributor could harm our operating results by impairing our ability to sell our products to our end customers.

**We depend on SPT, our logistics center, to support many of our customers in Asia.**

Since March 2001, we have been increasing our out-sourcing activities with our customer service logistics to support our customers. Currently SPT supports our customers in Taiwan, China and other Southeast Asia countries. SPT provides planning, warehousing, delivery, billing, collection and other logistic functions for us in these regions. SPT is a wholly owned subsidiary of one of our stocking representatives in Taiwan, PCT. During 2002, 2003 and the three months ended March 31, 2004, SPT serviced end customer shipments accounted for 57.4%, 64.2% and 61.7% of our net product revenues recognized, respectively. As of December 31, 2003 and March 31, 2004, the accounts receivable from SPT accounted for 73.4% and 69.3%, respectively, of our net accounts receivable. For further description of our relationships with PCT and SPT, please refer to "Management's Discussion and Analysis of Financial Condition and Results of Operation - Related Party Transactions" in our Annual Report on Form 10-K for the year ended December 31, 2003.

We do not have any long-term contracts with SPT or PCT, and SPT or PCT may cease providing services to us at any time. If SPT or PCT were to terminate their relationship with us we would experience a delay in reestablishing warehousing, logistics and distribution functions, which could harm our business.

We do not have business insurance to cover our accounts receivable. If SPT were in financial difficulties and not able to pay us, it would harm our cash position and our business.

**We depend on a limited number of foreign foundries to manufacture our products, and these foundries may not be able to satisfy our manufacturing requirements, which could cause our revenues to decline.**

We outsource substantially all of our manufacturing and testing activities. We currently buy all of our wafers and sorted die from a limited number of suppliers. Substantially all of our products are manufactured by five foundries, TSMC in Taiwan, Sanyo, Seiko-Epson and Yasu in Japan, and Samsung in Korea. In March 2001, we invested \$50.0 million in GSMC, a Cayman Islands company, which owns a wafer foundry subsidiary, Grace, in Shanghai, China. In March 2004, we made an additional \$33.2 million investment in GSMC. Grace began manufacturing some of our products early in the fourth quarter of 2003. We anticipate that these foundries, together with Shanghai Hua Hong NEC Electronic Company Limited, or HHNEC and Vanguard in Taiwan will manufacture substantially all of our products in 2004. If these suppliers fail to satisfy our requirements on a timely basis at competitive prices we could suffer manufacturing delays, a possible loss of revenues or higher than anticipated costs of revenues, any of which could harm our operating results.

Our revenues may be impacted by our ability to obtain adequate wafer supplies from our foundries. The foundries with which we currently have arrangements, together with any additional foundry at which capacity might be obtained, may not be willing or able to satisfy all of our manufacturing requirements on a timely basis at favorable prices. In addition, we have encountered delays in qualifying new products and in ramping-up new product production and we could experience these delays in the future. We are also subject to the risks of service disruptions, raw material shortages and price increases by our foundries. Such disruptions, shortages and price increases could harm our operating results.

**Manufacturing capacity has in the past been difficult to secure and if capacity constraints arise in the future our revenues may decline.**

In order to grow, we need to increase our present manufacturing capacity. We currently believe that the existing capacity plus additional future capacity from Grace, HHNEC and Vanguard available to us will be sufficient through 2004. However, events that we have not foreseen could arise which would limit our capacity. Similar to our aggregate \$83.2 million investment in GSMC, we may determine that it is necessary to invest substantial capital in order to secure appropriate production capacity commitments. If we cannot secure additional manufacturing capacity on acceptable terms, our ability to grow will be impaired and our operating results will be harmed.

**If we are not successful in subleasing our unused office space, we may be required to take additional period charges for the difference between the total future sublease income and our lease cost.**

We have long-term, non-cancelable building lease commitments. We are currently in the process of locating subtenants for our unused office space. We may be unable to secure subtenants for this space due to the decrease in demand for commercial rental space in Silicon Valley. During the third quarter of 2001, we recorded a period charge to other operating expense of \$756 thousand relating to an operating lease for an abandoned building. This charge represents the estimated difference between the total non-discounted future sublease income and our non-discounted lease commitments relating to this building. The charge was an estimate and may be adjusted if we obtain a sublease for the building and the actual sublease income is significantly different from the estimate. If we are unable to secure subtenants, we may be required to take additional period charges for the balance of the future lease cost, and this will harm our operating results.

**Our cost of revenues may increase if we are required to purchase manufacturing capacity in the future.**

To obtain additional manufacturing capacity, we may be required to make deposits, equipment purchases, loans, joint ventures, equity investments or technology licenses in or with wafer fabrication companies. These transactions

could involve a commitment of substantial amounts of our capital and technology licenses in return for production capacity. We may be required to seek additional debt or equity financing if we need substantial capital in order to secure this capacity and we cannot assure you that we will be able to obtain such financing.

**If our foundries fail to achieve acceptable wafer manufacturing yields, we will experience higher costs of revenues and reduced product availability.**

The fabrication of our products requires wafers to be produced in a highly controlled and ultra-clean environment. Semiconductor companies that supply our wafers have, from time to time, experienced problems achieving acceptable wafer manufacturing yields. Semiconductor manufacturing yields are a function of both our design technology and the foundry's manufacturing process technology. Low yields may result from marginal design or manufacturing process drift. Yield problems may not be identified until the wafers are well into the production process, which often makes them difficult, time consuming and costly to correct. Furthermore, we rely on independent foundries for our wafers which increases the effort and time required to identify, communicate and resolve manufacturing yield problems. If our foundries fail to achieve acceptable manufacturing yields, we will experience higher costs of revenues and reduced product availability, which could harm our operating results.

**If our foundries discontinue the manufacturing processes needed to meet our demands, or fail to upgrade the technologies needed to manufacture our products, we may face production delays and lower revenues.**

Our wafer and product requirements typically represent a small portion of the total production of the foundries that manufacture our products. As a result, we are subject to the risk that a foundry will cease production on an older or lower-volume manufacturing process that it uses to produce our parts. Additionally, we cannot be certain our foundries will continue to devote resources to advance the process technologies on which the manufacturing of our products is based. Either one of these events could increase our costs and harm our ability to deliver our products on time.

**Our dependence on third-party subcontractors to assemble and test our products subjects us to a number of risks, including an inadequate supply of products and higher costs of materials.**

We depend on independent subcontractors to assemble and test our products. Our reliance on these subcontractors involves the following significant risks:

- reduced control over delivery schedules and quality;
- the potential lack of adequate capacity during periods of strong demand;
- difficulties selecting and integrating new subcontractors;
- limited warranties on products supplied to us;
- potential increases in prices due to capacity shortages and other factors; and
- potential misappropriation of our intellectual property.

These risks may lead to increased costs, delayed product delivery or loss of competitive advantage, which would harm our profitability and customer relationships.

**Because our flash memory products typically have lengthy sales cycles, we may experience substantial delays between incurring expenses related to research and development and the generation of revenues.**

Due to the flash memory product cycle we usually require more than nine months to realize volume shipments after we first contact a customer. We first work with customers to achieve a design win, which may take three months or longer. Our customers then complete the design, testing and evaluation process and begin to ramp up production, a period which typically lasts an additional six months or longer. As a result, a significant period of time may elapse between our research and development efforts and our realization of revenue, if any, from volume purchasing of our products by our customers.

**We face intense competition from companies with significantly greater financial, technical and marketing resources that could harm sales of our products.**

We compete with major domestic and international semiconductor companies, many of which have substantially greater financial, technical, marketing, distribution, and other resources than we do. Many of our competitors have their own facilities for the production of semiconductor memory components and have recently added significant capacity for such production. Our memory products, which presently account for substantially all of our revenues, compete principally against products offered by AMD, Atmel, Intel, Macronix, Sanyo, STMicroelectronics and Winbond. If we are successful in developing our high-density products, these products will compete principally with products offered by AMD, Atmel, Fujitsu, Hitachi, Intel, Mitsubishi, Samsung, SanDisk, Sharp Electronics, STMicroelectronics and Toshiba, as well as any new entrants to the market.

In addition, we may in the future experience direct competition from our foundry partners. We have licensed to our foundry partners the right to fabricate products based on our technology and circuit design, and to sell such products worldwide, subject to our receipt of royalty payments.

Competition may also come from alternative technologies such as ferroelectric random access memory devices, or FRAM, or other developing technologies.

**Our markets are subject to rapid technological change and, therefore, our success depends on our ability to develop and introduce new products.**

The markets for our products are characterized by:

- rapidly changing technologies;
- evolving and competing industry standards;
- changing customer needs;
- frequent new product introductions and enhancements;
- increased integration with other functions; and
- rapid product obsolescence.

To develop new products for our target markets, we must develop, gain access to and use leading technologies in a cost-effective and timely manner and continue to expand our technical and design expertise. In addition, we must have our products designed into our customers' future products and maintain close working relationships with key customers in order to develop new products that meet their changing needs.

In addition, products for communications applications are based on continually evolving industry standards. Our ability to compete will depend on our ability to identify and ensure compliance with these industry standards. As a result, we could be required to invest significant time and effort and incur significant expense to redesign our products and ensure compliance with relevant standards. We believe that products for these applications will encounter intense competition and be highly price sensitive. While we are currently developing and introducing new products for these applications, we cannot assure you that these products will reach the market on time, will satisfactorily address customer needs, will be sold in high volume, or will be sold at profitable margins.

We cannot assure you that we will be able to identify new product opportunities successfully, develop and bring to market new products, achieve design wins or respond effectively to new technological changes or product announcements by our competitors. In addition, we may not be successful in developing or using new technologies or in developing new products or product enhancements that achieve market acceptance. Our pursuit of necessary technological advances may require substantial time and expense. Failure in any of these areas could harm our operating results.

**Our future success depends in part on the continued service of our key design engineering, sales, marketing and executive personnel and our ability to identify, recruit and retain additional personnel.**

We are highly dependent on Bing Yeh, our President, Chief Executive Officer and Chairman of the Board of Directors, as well as the other principal members of our management team and engineering staff. There is intense competition for qualified personnel in the semiconductor industry, in particular the highly skilled design,

applications and test engineers involved in the development of flash memory technology. Competition is especially intense in Silicon Valley, where our corporate headquarters is located. We may not be able to continue to attract and retain engineers or other qualified personnel necessary for the development of our business or to replace engineers or other qualified personnel who may leave our employ in the future. Our anticipated growth is expected to place increased demands on our resources and will likely require the addition of new management and engineering personnel and the development of additional expertise by existing management personnel. The failure to recruit and retain key design engineers or other technical and management personnel could harm our business.

**Our ability to compete successfully depends, in part, on our ability to protect our intellectual property rights.**

We rely on a combination of patent, trade secrets, copyrights, mask work rights, nondisclosure agreements and other contractual provisions and technical measures to protect our intellectual property rights. Policing unauthorized use of our products, however, is difficult, especially in foreign countries. Litigation may continue to be necessary in the future to enforce our intellectual property rights, to protect our trade secrets, to determine the validity and scope of the proprietary rights of others, or to defend against claims of infringement or invalidity. Litigation could result in substantial costs and diversion of resources and could harm our business, operating results and financial condition regardless of the outcome of the litigation. We own 78 patents in the United States relating to our products and processes, with expiration dates ranging from 2010 to 2023, and have filed for several more. In addition, we hold several patents in Europe and Canada, and have filed several foreign patent applications in Europe, Japan, Korea, Taiwan and Canada. We cannot assure you that any pending patent application will be granted. Our operating results could be harmed by the failure to protect our intellectual property.

**If we are accused of infringing the intellectual property rights of other parties we may become subject to time-consuming and costly litigation. If we lose, we could suffer a significant impact on our business and be forced to pay damages.**

Third parties may assert that our products infringe their proprietary rights, or may assert claims for indemnification resulting from infringement claims against us. Any such claims may cause us to delay or cancel shipment of our products or pay damages that could harm our business, financial condition and results of operations. In addition, irrespective of the validity or the successful assertion of such claims, we could incur significant costs in defending against such claims.

In the past we were sued both by Atmel Corporation and Intel Corporation regarding patent infringement issues and sued Winbond Electronics Corporation regarding our contractual relationship with them. Significant management time and financial resources have been devoted to defending these lawsuits. We settled with Intel in May 1999, with Winbond in October 2000, and the Atmel litigation is ongoing.

In addition to the Atmel, Intel and Winbond actions, we receive from time to time, letters or communications from other companies stating that such companies have patent rights that involve our products. Since the design of all of our products is based on SuperFlash technology, any legal finding that the use of our SuperFlash technology infringes the patent of another company would have a significantly negative effect on our entire product line and operating results. Furthermore, if such a finding were made, there can be no assurance that we could license the other company's technology on commercially reasonable terms or that we could successfully operate without such technology. Moreover, if we are found to infringe, we could be required to pay damages to the owner of the protected technology and could be prohibited from making, using, selling, or importing into the United States any products that infringe the protected technology. In addition, the management attention consumed by and legal cost associated with any litigation could harm our operating results.

*Public announcements may hurt our stock price.* During the course of lawsuits there may be public announcements of the results of hearings, motions, and other interim proceedings or developments in the litigation. If securities analysts or investors perceive these results to be negative, it could harm the market price of our stock.

*Our litigation may be expensive, may be protracted and confidential information may be compromised.* On April 8, 2002, a jury found that we willfully infringed Atmel's '811 and '829 patents, and awarded Atmel \$20.0 million in actual damages. On May 7, 2002, the court entered judgment in the total amount of \$36.5 million, which includes the original \$20.0 million. The '811 and '829 patents expired in February 2002. Therefore, we are not precluded

from selling any of our products. On December 12, 2003, we paid Atmel \$37.8 million to satisfy the judgement plus statutory interest accrued during the appeal. The '903 patent case still remains open. The court found that we infringed the '903 patent but the jury was unable to unanimously decide whether the '903 is valid and a mistrial was declared. A settlement conference was originally scheduled for April 14, 2004 and subsequently rescheduled for May 27, 2004. If we are not able to reach a settlement agreement, the court may set a date for a new trial. If we are not successful in reaching a settlement, litigation may continue to consume substantial amounts of our financial and managerial resources. We have incurred certain costs associated with defending this matter, and at any time Atmel may file additional claims against us, which could increase the risk, expense and duration of the litigation. Further, because of the substantial amount of discovery required in connection with this type of litigation, there is a risk that some of our confidential information could be compromised by disclosure. For more information with respect to our litigation, please also see "Part II, Item 1- Legal Proceedings."

**If an earthquake or other natural disaster strikes our manufacturing facility or those of our suppliers, we would be unable to manufacture our products for a substantial amount of time and we would experience lost revenues.**

Our corporate headquarters are located in California near major earthquake faults. In addition, some of our suppliers are located near fault lines. In the event of a major earthquake or other natural disaster near our headquarters, our operations could be harmed. Similarly, a major earthquake or other natural disaster such as typhoon near one or more of our major suppliers, like the earthquakes in September 1999 and March 2002 or the typhoon in September 2001 that occurred in Taiwan, could potentially disrupt the operations of those suppliers, which could then limit the supply of our products and harm our business.

**A virus or viral outbreak in Asia could harm our business.**

We derive substantially all of our revenues from Asia and our logistics center is located in Taiwan. A virus or viral outbreak in Asia, such as the SARS outbreak in early 2003, could harm the operations of our suppliers, distributors, logistics center and those of our end customer, which could harm our business.

**Prolonged electrical power outages, energy shortages, or increased costs of energy could harm our business.**

Our design and process research and development facilities and our corporate offices are located in California, which is susceptible to power outages and shortages as well as increased energy costs. To limit this exposure, all corporate computer systems at our main California facilities are on battery back-up. In addition, all of our engineering and back-up servers and selected corporate servers are on generator back-up. While the majority of our production facilities are not located in California, more extensive power shortages in the state could delay our design and process research and development as well as increase our operating costs.

**Our growth has in the past placed a significant strain on our management systems and resources and if we fail to manage our growth, our ability to market or sell our products or develop new products may be harmed.**

Our business has in the past experienced rapid growth which strained our internal systems and future growth will require us to continuously develop sophisticated information management systems in order to manage our business effectively. We recently implemented a supply-chain management system and a vendor electronic data interface system. There is no guarantee that these measures, in themselves, will be adequate to address any growth, or that we will be able to foresee in a timely manner other infrastructure needs before they arise. Our success depends on the ability of our executive officers to effectively manage our growth. If we are unable to manage our growth effectively, our results of operations will be harmed. If we fail to successfully implement new management information systems, our business may suffer severe inefficiencies that may harm the results of our operations.

**Future changes in financial accounting standards or practices or existing taxation rules or practices may cause adverse unexpected revenue fluctuations and affect our reported results of operations.**

A change in accounting standards or practices or a change in existing taxation rules or practices can have a significant effect on our reported results and may even affect our reporting of transactions completed before the

change is effective. New accounting pronouncements and taxation rules and varying interpretations of accounting pronouncements and taxation practice have occurred and may occur in the future. Changes to existing rules or the questioning of current practices may adversely affect our reported financial results or the way we conduct our business.

For example, any changes requiring that we record compensation expense in the statement of operations for stock options using the fair value method or changes in existing taxation rules related to stock options could have a significant negative effect on our reported results. Several agencies and entities are considering, and the FASB has announced, proposals to change generally accepted accounting principles in the United States that, if implemented, would require us to record charges to earnings for the stock options we grant.

## **Risks Related to Our Industry**

### **Our success is dependent on the growth and strength of the flash memory market.**

All of our products, as well as all new products currently under design, are stand-alone flash memory devices or devices embedded with flash memory. A memory technology other than SuperFlash may be adopted as an industry standard. Our competitors are generally in a better financial and marketing position than we are from which to influence industry acceptance of a particular memory technology. In particular, a primary source of competition may come from alternative technologies such as FRAM devices if such technology is commercialized for higher density applications. To the extent our competitors are able to promote a technology other than SuperFlash as an industry standard, our business will be seriously harmed.

### **The selling prices for our products are extremely volatile and have historically declined during periods of over capacity or industry downturns.**

The semiconductor industry has historically been cyclical, characterized by periodic changes in business conditions caused by product supply and demand imbalance. When the industry experiences downturns, they often occur in connection with, or in anticipation of, maturing product cycles and declines in general economic conditions. These downturns are characterized by weak product demand, excessive inventory and accelerated decline of average selling prices. In some cases, downturns, such as the one we experienced from late 2000 through 2002, have lasted for more than a year. Our business could be further harmed by industry-wide prolonged downturns in the future. The flash memory products portion of the semiconductor industry, from which we derive substantially all of our revenues, suffered from excess capacity in 2001, 2002 and 2003, which resulted in greater than normal declines in our markets, which unfavorably impacted our revenues, gross margins and profitability. While these conditions began to improve during the third quarter of 2003, deteriorating market conditions at the end of 2000 through the first part 2003 have resulted in the decline of our selling prices and harmed our operating results.

### **There is seasonality in our business and if we fail to continue to introduce new products this seasonality may become more pronounced.**

Sales of our products in the consumer electronics applications market are subject to seasonality. As a result, sales of these products are impacted by seasonal purchasing patterns with higher sales generally occurring in the second half of each year. In the past we have been able to mitigate such seasonality with the introduction of new products throughout the year. If we fail to continue to introduce new products, our business may suffer and the seasonality of a portion of our sales may become more pronounced.

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

We are exposed to risks associated with foreign exchange rate fluctuations due to our international manufacturing and sales activities. These exposures may change over time as business practices evolve and could negatively impact our operating results and financial condition. All of our sales are denominated in U.S. dollars. An increase in the value of the U.S. dollar relative to foreign currencies could make our products more expensive and therefore reduce the demand for our products. Such a decline in the demand could reduce revenues and/or result in operating losses. In addition, a downturn in the economies of China, Japan or Taiwan could impair the value of our equity investments in companies with operations in these countries. If we consider the value of these companies to be impaired, we will write down, or

expense, some or all of our investments. In the fourth quarter of 2001, we wrote down our investment in KYE by \$3.3 million to \$1.3 million due to an other than temporary decline in its market value. At March 31, 2004, the recorded value of our KYE investment was \$4.3 million based on the quoted market price as of the balance sheet date. In the third quarter of 2002, we wrote down our investment in Apacer, a privately held memory module manufacturer located in Taiwan, by \$7.8 million due to an other than temporary decline in its value. As of March 31, 2004, the recorded value of our Apacer investment was \$4.4 million. We have equity investments in companies with operations in China, Japan, Taiwan and United States with recorded values at March 31, 2004 of \$83.2 million, \$0.9 million \$12.4 million and \$0.3 million, respectively.

At any time, fluctuations in interest rates could affect interest earnings on our cash, cash equivalents and available-for-sale investments, or the fair value of our investment portfolio. We believe that the effect, if any, of reasonably possible near term changes in interest rates on our financial position, results of operations, and cash flows would not be material. Currently, we do not hedge these interest rate exposures. As of March 31, 2004, the carrying value of our available-for-sale investments approximated fair value. The table below presents the carrying value and related weighted average interest rates for our unrestricted and restricted cash and cash equivalents and available-for-sale investments as of March 31, 2004 (in thousands):

	<u>Carrying Value</u>	<u>Interest Rate</u>
Cash and cash equivalents - variable rate.....	\$ 65,453	0.2%
Short-term available-for-sale investments - fixed rate.....	87,561	1.1%
Long-term available-for-sale investments (1 to 2 years) - fixed rate.....	5,898	1.6%
	<u>\$ 158,912</u>	0.7%

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

Based on their evaluation as of March 31, 2004, our chief executive officer and chief financial officer, have concluded that our disclosure controls and procedures (as defined in Rules 13a-15(e) and 15d-15(e) under the Securities Exchange Act of 1934, as amended) were sufficiently effective to ensure that the 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 Securities and Exchange Commission's rules and Form 10-Q. There were no changes in our internal control over financial reporting during the quarter ended March 31, 2004 that have materially affected, or are reasonably likely to materially affect our internal control over financial reporting.

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 the company have been detected. These inherent limitations include the realities that judgments in decision-making can be faulty, and that breakdowns can occur because of simple error or mistake. Additionally, controls can be circumvented by the individual acts of some persons, by collusion of two or more people, or by management override of the control. The design of any system of controls also is based in part upon certain assumptions about the likelihood of future events, and there can be no assurance that any design will succeed in achieving its stated goals under all potential future conditions; over time, control may become inadequate because of changes in conditions, or the degree of compliance with the policies or procedures may deteriorate. Because of the inherent limitations in a cost-effective control system, misstatements due to error or fraud may occur and not be detected.



## PART II - OTHER INFORMATION

### Item 1. Legal Proceedings

In January 1996, Atmel Corporation filed suit against the SST alleging that we infringed six U.S. patents. We successfully moved for summary judgment on two of the six asserted patents in September 1997. In January 2001, Atmel withdrew its allegation that we infringed another patent. On May 7, 2002, a judgment was entered against us in the amount of \$36.5 million. We appealed the judgment on July 16, 2002. On September 12, 2003 the Court of Appeals upheld the jury's verdict. On November 18, 2003 the Court of Appeals denied our request for a rehearing, and in December 2003 we paid Atmel \$37.8 million to satisfy the judgment plus statutory interest accrued during the appeals. The payment was recorded as other operating expense in the year ending December 31, 2003.

The other patent remaining in the case, the '903 patent, expired in September 2001. The trial court has held that, if it is found to be valid, certain of our products infringed that patent. Trial to determine whether the '903 patent is invalid began on July 29, 2002. On August 5, 2002 the jury announced that it was unable to reach a verdict on our invalidity defense, and a mistrial was declared. Atmel requested a new trial, but the Court stayed the matter until after our appeal of the earlier judgment is resolved. At Atmel's request, the Court has directed the parties to conduct a settlement conference before a Magistrate Judge. That settlement conference was scheduled for April 14, 2004 and was subsequently rescheduled for May 27, 2004. If the parties are unable to reach a settlement agreement, the Court may set a date for a new trial. The impact related to the outcome of the remaining patent is undeterminable at this time.

From time to time, we are also involved in other legal actions arising in the ordinary course of business. We have incurred certain costs while defending these matters. There can be no assurance the remaining Atmel complaint or other third party assertions will be resolved without costly litigation, in a manner that is not adverse to our financial position, results of operations or cash flows or without requiring royalty payments in the future which may adversely impact gross margins. No estimate can be made of the possible loss or possible range of loss associated with the resolution of these contingencies. As a result, no losses have been accrued in our financial statements as of March 31, 2004.

### Item 6. Exhibits and Reports on Form 8-K.

#### (a) *Exhibits.*

We incorporate by reference all exhibits filed in connection with our Annual Report on Form 10-K for the year ended December 31, 2003.

- |      |  |
|------|--|
| 31.1 | Certification of President and Chief Executive Officer required by Rule 13a- 14(a) of the Securities Exchange Act of 1934, as amended.   |
| 31.2 | Certification of Vice President Finance & Administration, Chief Financial Officer and Secretary required by Rule 13a- 14(a) of the Securities Exchange Act of 1934, as amended.  |
| 32.1 | Certification of President and Chief Executive Officer, as required by Rule 13a-14(b) and Section 1350 of Chapter 63 of Title 18 of the United States Code (18 U.S.C. 1350).*  |
| 32.2 | Certification of Vice President Finance & Administration, Chief Financial Officer and Secretary, as required by Rule 13a-14(b) and Section 1350 of Chapter 63 of Title 18 of the United States Code (18 U.S.C. 1350).* |

\* The certifications attached as Exhibit 32.1 and Exhibit 32.2 accompany the Quarterly Report on Form 10-Q, are not deemed filed with the Securities and Exchange Commission and are not to be incorporated by reference into any filing of the Company under the Securities Act of 1933, as amended, or the Securities

Exchange Act of 1934, as amended (whether made before or after the date of the Form 10-Q), irrespective of any general incorporation language contained in such filing.

(b) Reports on Form 8-K filed during the quarter ended March 31, 2004:

On January 21, 2004, we filed a current report on Form 8-K dated January 21, 2004 in connection with the issuance of a press release dated January 21, 2004 announcing our financial results for the fourth quarter and fiscal year 2003. The press release was furnished under Item 9.

## SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the Registrant has caused this report to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of Sunnyvale, County of Santa Clara, State of California, on the 6th day of May, 2004.

SILICON STORAGE TECHNOLOGY, INC.

By:

/s/ BING YEH

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Bing Yeh  
President and Chief Executive Officer  
*(Principal Executive Officer)*

/s/ JACK K. LAI

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Jack K. Lai  
Vice President Finance & Administration,  
Chief Financial Officer and Secretary  
*(Principal Financial and Accounting Officer)*

# CERTIFICATION

I, Bing Yeh, certify that:

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

Date: May 6, 2004

/s/ Bing Yeh

Bing Yeh

President and Chief Executive Officer

**CERTIFICATION**

I, Jack K. Lai, certify that:

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

Date: May 6, 2004

/s/ Jack K. Lai
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Jack K. Lai
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Vice President Finance & Administration, Chief Financial Officer and Secretary
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**Certification of President and Chief Executive Officer**

**Pursuant to Rule 13a-14(b) of the Securities Exchange Act of 1934, as Amended**

Pursuant to Rule 13a-14(b) of the Securities Exchange Act of 1934, as amended (18 U.S.C. 1350, as adopted), Bing Yeh, the President and Chief Executive Officer of Silicon Storage Technology, Inc. (the "Company"), hereby certifies that, to the best of his knowledge:

1. The Company's Quarterly Report on Form 10-Q for the period ended March 31, 2004, to which this Certification is attached as Exhibit 32.1 (the "Periodic Report"), fully complies with the requirements of Section 13(a) of the Securities Exchange Act of 1934, as amended; and
2. The information contained in the Periodic Report fairly presents, in all material respects, the financial condition and results of operations of the Company.

In Witness Whereof, the undersigned has set his hand hereto as of the 6<sup>th</sup> day of May, 2004.

/s/ Bing Yeh

Bing Yeh

President and Chief Executive Officer

A signed original of this written statement required by Rule 13a-14(b) of the Securities Exchange Act of 1934, as amended, has been provided to Silicon Storage Technology, Inc. and will be retained by Silicon Storage Technology, Inc. and furnished to the Securities and Exchange Commission or its staff upon request.

This certification accompanies the Form 10-Q to which it relates, is not deemed filed with the Securities and Exchange Commission and is not to be incorporated by reference into any filing of the Company under the Securities Act of 1933, as amended, or the Securities Exchange Act of 1934, as amended (whether made before or after the date of the Form 10-Q), irrespective of any general incorporation language contained in such filing.

**Certification of Vice President Finance & Administration, Chief Financial Officer and Secretary**

**Pursuant to Rule 13a-14(b) of the Securities Exchange Act of 1934, as Amended**

Pursuant to Rule 13a-14(b) of the Securities Exchange Act of 1934, as amended (18 U.S.C. 1350, as adopted), Jack K. Lai, the Vice President Finance & Administration, Chief Financial Officer and Secretary of Silicon Storage Technology, Inc. (the "Company"), hereby certifies that, to the best of his knowledge:

1. The Company's Quarterly Report on Form 10-Q for the period ended March 31, 2004, to which this Certification is attached as Exhibit 32.2 (the "Periodic Report"), fully complies with the requirements of Section 13(a) of the Securities Exchange Act of 1934; and
2. The information contained in the Periodic Report fairly presents, in all material respects, the financial condition and results of operations of the Company.

In Witness Whereof, the undersigned has set his hand hereto as of the 6<sup>th</sup> day of May, 2004.

/s/ Jack K. Lai

Jack K. Lai

Vice President Finance & Administration,  
Chief Financial Officer and Secretary

A signed original of this written statement required by Rule 13a-14(b) of the Securities Exchange Act of 1934, as amended, has been provided to Silicon Storage Technology, Inc. and will be retained by Silicon Storage Technology, Inc. and furnished to the Securities and Exchange Commission or its staff upon request.

This certification accompanies the Form 10-Q to which it relates, is not deemed filed with the Securities and Exchange Commission and is not to be incorporated by reference into any filing of the Company under the Securities Act of 1933, as amended, or the Securities Exchange Act of 1934, as amended (whether made before or after the date of the Form 10-Q), irrespective of any general incorporation language contained in such filing.