

2009 ANNUAL REPORT



***Giga-tronics***

SIGNAL GENERATION, ROUTING, & MEASUREMENT

# CORPORATE PROFILE

For the fiscal year ended March 28th, 2009 Giga-tronics has three main product lines comprised of high performance microwave test equipment, standard and customized switching solutions, and custom designed microwave YIG oscillators, YIG filters and hybrid components. Our general purpose test business focuses on the military and aerospace industries as well as specific niches within the semiconductor test, wireless infrastructure, and handset manufacturing segments of commercial communications. Our switching solution business primarily serves the military market for automatic test equipment (ATE) used in the maintenance and support of fielded weapon systems. And our custom microwave components are designed for operational use within specific military programs or as OEM for other manufacturers.

Giga-tronics sells its products through an indirect sales channel within the US and through distributors internationally. During fiscal 2009, the Company has added an element of direct selling to its switching and component businesses to augment the existing indirect channel for these products. The Company employs approximately 100 people and designs and manufactures its products exclusively in San Ramon and Santa Rosa California.

Our general purpose test product line consists of high performance microwave synthesizers, power meters, high power amplifiers, and low cost USB sensors. These products are available in both bench and modular form factors and are used by engineers in the design of new products, on the production line for test and calibration of new products, and in the field for maintenance and re-calibration of antennas, electronic systems, and equipment.

Our switching products provide the ATE engineer with a method of routing signals with high integrity between the specific device under test and the general purpose test equipment within the automated system. Switch products are available to switch voltage, current, radio frequency signals, and impedances and are generally modular in nature, although bench form factors are available for microwave applications.

Our component business leverages our vertical integration in high performance instruments by making our IP and design expertise available to outside firms interested in outsourcing R&D or for situations where our knowledge of YIG technology and frequency synthesis can solve specific problems in signal generation or signal interference.

Users of Giga-tronics products include Lockheed Martin, Northrop Grumman, BAE, Raytheon, Boeing, the US Armed Services, the FAA, Motorola, LTX, Nokia, and Cisco in the US. Internationally, Giga-tronics serves the MODs and Government Institutes around the world, as well as, commercial wireless communication companies worldwide.

To Our Shareholders,

Fiscal 2009 was a pivotal year for Giga-tronics. The Company entered the year with new products in the pipeline, a streamlined organization with better developed cross-functional skills and business planning practices, yet with a leadership team still working through newly defined roles, and a minimal backlog of shippable orders. The low beginning backlog coupled with soft bookings in our 1<sup>st</sup> half set us uncomfortably back in profitability and cash reserves forcing us to draw on our line of credit for the first time. However, by mid-year we had filled in the remaining gaps in the management team and began to experience a pickup in bookings throughout our 2<sup>nd</sup> half.

We strengthened the sales and marketing team, adding new personnel in the field and at the Company's headquarters. We also opened an office in China staffed with a local individual providing customer and sales channel support. We held our costs in line by reducing variances and we managed our cash reserves paying back our loan by the end of the 3<sup>rd</sup> quarter. This combination of solid execution helped us grow our top line revenue by 43% in the 2<sup>nd</sup> half of the year as compared to the 1<sup>st</sup> half and drove the 2<sup>nd</sup> half into profitability. Although we were unable to overcome the losses generated in our first half, I'm very pleased that we have been able to return the Company to profitability in this very challenging environment.

During this past year we introduced a new broadband 10 Watt power amplifier, the first of its kind. We also introduced our GT2620A high power synthesizer based upon our GT2400B and GT2500A models along with a family of USB Power Sensors that plug directly into a PC. And we recently upgraded the entire synthesizer line with many improved features including new frequency coverage up to 50 GHz.

Backlog continued to grow for Microsource's high performance specialty filters based upon our fast-switching YIG technology and we are under contract to design a new version that positions the Company for continuous volume production over the next 5 years.

In our switching solution business, we are poised to introduce a new low cost chassis that adds Ethernet and USB interfaces to the choices currently available and which allows existing customers to preserve their investment in switch-cards.

Although there are still areas for improvement, many of the fundamental operating challenges we've faced are behind us. This relieves some of the immediate pressures on the management team and allows us to focus attention on new markets for driving the Company's future growth. As we move forward, we will be devoting considerable management attention to defining strategy and identifying markets where we have a clear competitive advantage.

Looking ahead to fiscal 2010, Giga-tronics is well positioned to continue its positive trajectory. To begin with, we are entering the new fiscal year with \$2.2M more in backlog shippable within one year than we entered fiscal 2009. Although much will depend upon the economy, this additional backlog improves the base upon which to build growth. Second, as part of our synthesizer upgrade, we have standardized the design around a set of common sub-assemblies which will allow us to achieve further cost reductions in the coming year. Third, we have embarked on growing our customer funded engineering projects that help us contain our expenses while allowing us to retain our engineering talent during these uncertain times. Fourth, our senior management team is in place at the beginning of the year and their efforts will be reflected over the entire 12 months. And finally, we will take advantage of opportunities to further streamline the Company as they arise.

Overall, I'm optimistic about the Company's prospects for fiscal 2010 and I look forward to updating you throughout the coming year.

Sincerely,

A handwritten signature in black ink that reads "John R. Regazzi". The signature is written in a cursive style with a prominent initial "J" and "R".

John Regazzi  
Chief Executive Officer

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

**FORM 10-K**

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

For the fiscal year ended March 28, 2009,

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 No. 0-12719

**GIGA-TRONICS INCORPORATED**

(Exact name of registrant as specified in its charter)

California

(State or other jurisdiction of incorporation or organization)

94-2656341

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

4650 Norris Canyon Road, San Ramon, CA

(Address of principal executive offices)

94583

(Zip Code)

Registrant's telephone number, including area code: (925) 328-4650

Securities registered pursuant to Section 12(b) of the Act:

Title of each class

Common Stock, No par value

Name of each exchange on which registered

The NASDAQ Stock Market LLC

Securities registered pursuant to Section 12(g) of the Act: None.

Indicate by check mark if the registrant is a well-known seasoned issuer, as defined in Rule 405 of the Securities Act.

Yes [ ] No [ X ]

Indicate by check mark if the registrant is not required to file reports pursuant to Section 13 or 15(d) of the Act.

Yes [ ] No [ X ]

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 [ X ] No [ ]

Indicate by check mark if disclosure of delinquent filers pursuant to Item 405 of Regulation S-K is not contained herein, and will not be contained, to the best of registrant's knowledge, in definitive proxy or information statements incorporated by reference in Part III of this Form 10-K or any amendment to this Form 10-K.

[ X ]

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

Large accelerated filer	<input type="checkbox"/>	Accelerated filer	<input type="checkbox"/>
Non-accelerated filer (Do not check if a smaller reporting company)	<input type="checkbox"/>	Smaller reporting company	<input checked="" type="checkbox"/>

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

The aggregate market value of voting and non-voting common equity held by non-affiliates of the Registrant computed by reference to the price at which the common equity was sold or the average bid and asked prices as of September 27, 2008 was \$3,659,114.

There were a total of 4,824,021 shares of the Registrant’s Common Stock outstanding as of May 14, 2009.

DOCUMENTS INCORPORATED BY REFERENCE

Portions of the following documents have been incorporated by reference into the parts indicated:

<u>PART OF FORM 10-K</u>	<u>DOCUMENT</u>
PART III	Registrant’s PROXY STATEMENT for its 2009 Annual Meeting of Shareholders to be filed no later than 120 days after the close of the fiscal year ended March 28, 2009.

## TABLE OF CONTENTS

	<u>Page</u>
<b>PART I</b>	
Item 1. Business	4
Item 1A Risk Factors	8
Item 1B. Unresolved Staff Comments	9
Item 2. Properties	10
Item 3. Legal Proceedings	10
Item 4. Submission Of Matters To A Vote Of Security Holders	10
<b>PART II</b>	
Item 5. Market For Common Equity, Related Shareholder Matters and Issuer Repurchases of Equity Securities	11
Item 6. Selected Financial Data	11
Item 7. Management's Discussion and Analysis Of Financial Condition and Results Of Operation	15
Item 7A. Quantitative and Qualitative Disclosures About Market Risk	20
Item 8. Financial Statements and Supplementary Data	21
Consolidated Balance Sheets as of March 28, 2009 and March 29, 2008	22
Consolidated Statements of Operations for the years ended March 28, 2009 and March 29, 2008	23
Consolidated Statements of Shareholders' Equity for the years ended March 28, 2009 and March 29, 2008	24
Consolidated Statements of Cash Flows for the years ended March 28, 2009 and March 29, 2008	25
Notes to Consolidated Financial Statements	26
Report of Independent Registered Public Accounting Firm	35
Item 9. Changes In and Disagreements With Accountants On Accounting and Financial Disclosure	36
Item 9A. Controls and Procedures	36
Item 9B. Other Information	36
<b>PART III</b>	
Item 10. Directors, Executive Officers, and Corporate Governance	37
Item 11. Executive Compensation	38
Item 12. Security Ownership Of Certain Beneficial Owners and Management and Related Shareholder Matters	38
Item 13. Certain Relationships and Related Transactions, and Director Independence	38
Item 14. Principal Accountant Fees and Services	38
<b>PART IV</b>	
Item 15. Exhibits And Financial Statements Schedules	39
<b>SIGNATURES</b>	41
Exhibit 21 Significant Subsidiaries	42
Exhibit 23.1 Consent of Independent Registered Public Accounting Firm	43
Exhibit 31.1 CEO Certifications Under Section 302 of the Sarbanes-Oxley Act of 2002	44
Exhibit 31.2 CFO Certifications Under Section 302 of the Sarbanes-Oxley Act of 2002	45
Exhibit 32.1 CEO Certifications Under Section 906 of the Sarbanes-Oxley Act of 2002	46
Exhibit 32.2 CFO Certifications Under Section 906 of the Sarbanes-Oxley Act of 2002	47

## **PART 1**

The forward-looking statements included in this report including, without limitation, statements containing the words “believes”, “anticipates”, “estimates”, “expects”, “intends” and words of similar import, which reflect management’s best judgment based on factors currently known, involve risks and uncertainties. Actual results could differ materially from those anticipated in these forward-looking statements as a result of a number of factors, including but not limited to those discussed under “Certain Factors Which May Adversely Affect Future Operations Or An Investment In Giga-tronics” in Item 1 below and in Item 7, “Management’s Discussion and Analysis”.

### **ITEM 1. BUSINESS**

#### **General**

Giga-tronics Incorporated (Giga-tronics, or the Company) includes the operations of the Giga-tronics Division and Microsource Inc. (Microsource), a wholly owned subsidiary. Giga-tronics Division designs, manufactures and markets a broad line of test and measurement equipment used in the development, test and maintenance of wireless communications products and systems, flight navigational equipment, electronic defense systems and automatic testing systems. These products are used primarily in the design, production, repair and maintenance of commercial telecommunications, radar, and electronic warfare equipment.

Giga-tronics was incorporated on March 5, 1980. Its principal executive offices are located at 4650 Norris Canyon Road, San Ramon, California, and its telephone number at that location is (925) 328-4650.

Effective July 23, 1996, Giga-tronics acquired ASCOR. ASCOR offers a family of switching and interface test adapters as standard VXI configured products, as well as complete system integration services to the Automatic Test Equipment market. Effective April 1, 2007, all ASCOR operations are conducted out of the San Ramon, California facility. Effective April 1, 2008, the ASCOR subsidiary was dissolved. The ASCOR product line continues to be manufactured under the Giga-tronics subsidiary. Its Fremont, California facility of approximately 18,700 square feet is available for sub-lease until June 30, 2009 after which the lease will expire.

Effective May 18, 1998, Giga-tronics acquired Microsource. Microsource, located in Santa Rosa, California, develops and manufactures a broad line of YIG (Yttrium, Iron, Garnet) tuned oscillators, filters and microwave synthesizers, which are used by its customers in operational applications and in manufacturing a wide variety of microwave instruments and devices.

Giga-tronics intends to broaden its product lines and expand its market, both by internal development of new products and through the acquisition of other business entities. From time to time, the Company considers a variety of acquisition opportunities.

#### **Industry Segments**

The Company manufactures products used in test, measurement and control. The Company has two reporting segments: Giga-tronics Division and Microsource.

#### **Products and Markets**

##### **Giga-tronics**

The Giga-tronics Division produces signal sources, generators and sweepers, and power measurement instruments for use in the microwave and radio frequency (RF) range (10 kilohertz (kHz) to 50 gigahertz (GHz)). Within each product line are a number of different models and options allowing customers to select frequency range and specialized capabilities, features and functions. The end-user markets for these products can be divided into three broad segments: commercial telecommunications, radar and electronic warfare. These instruments are used in the design, production, repair and maintenance and calibration of other manufacturers’ products, from discrete components to complex systems.



The Giga-tronics Division also produces switch modules and interface adapters that operate with a bandwidth from direct current (DC) to optical frequencies. These switch modules may be incorporated within its customers' automated test equipment. The end-user markets for these products are primarily related to defense, aeronautics, communications, satellite and electronic warfare.

### Microsource

The Microsource segment develops and manufactures a broad line of YIG tuned oscillators, filters and microwave synthesizers, which are used by its customers in operational applications and in manufacturing a wide variety of microwave instruments or devices.

### **Sources and Availability of Raw Materials and Components**

Substantially all of the components required by Giga-tronics to make its assemblies are available from more than one source. The Company occasionally uses sole source arrangements to obtain leading-edge technology or favorable pricing or supply terms, but not in any material volume. In the Company's opinion, the loss of any sole source arrangement it has would not be material to its operations.

Although extended delays in receipt of components from its suppliers could result in longer product delivery schedules for the Company, the Company believes that its protection against this possibility stems from its practice of dealing with well-established suppliers and maintaining good relationships with such suppliers.

### **Patents and Licenses**

The Company's competitive position is largely dependent upon its ability to provide performance specifications for its instruments and systems that (a) easily, effectively and reliably meet customers' needs and (b) selectively surpass competitors' specifications in competing products. Patents may occasionally provide some short-term protection of proprietary designs. However, because of the rapid progress of technological development in the Company's industry, such protection is most often, although not always, short-lived. Therefore, although the Company occasionally pursues patent coverage, it places major emphasis on the development of new products with superior performance specifications and the upgrading of existing products toward this same end. This is reflected in a substantial allocation of budget to project development costs.

The Company's products are based on its own designs, which in turn derive from its own engineering abilities. If the Company's new product engineering efforts fall behind, its competitive position weakens. Conversely, effective product development greatly enhances its competitive status.

The Company presently holds 25 patents. Some of these are critical to the Company's ongoing business, and the Company intends to actively maintain them. Capitalized costs relating to these patents were both incurred and fully amortized prior to March 1, 2003. Accordingly, these patents have no recorded value included in the Company's fiscal 2009 and 2008 consolidated financial statements.

The Company is not dependent on trademarks, licenses or franchises. It does utilize certain software licenses in certain functional aspects for some of its products. Such licenses are readily available, non-exclusive and are obtained at either no cost or for a relatively small fee.

### **Seasonal Nature of Business**

The business of the Company is not seasonal.

### **Working Capital Practices**

The Company generally strives to maintain at least 60 days of inventory and generally sells to customers on 30-day payment terms. Typically, the Company receives payment terms of 30 days. The Company believes that these practices are consistent with typical industry practices.

## **Importance of Limited Number of Customers**

The Company is a leading supplier of microwave and RF test instruments to various United States (U.S.) government defense agencies, as well as to their prime contractors. Management anticipates sales to U.S. government agencies and their prime contractors will remain significant in fiscal 2010. U.S. and international defense-related agencies accounted for 64% and 62% of net sales in fiscal 2009 and 2008, respectively. Commercial business accounted for the remaining 36% and 38% of net sales in fiscal 2009 and 2008, respectively. Prior to the last five years, in which the defense business has improved, sales to the defense industry in general and direct sales to the U.S. and foreign government agencies in particular had declined. Any decline of defense orders could have a negative effect on the business, operating results, financial condition and cash flows of Giga-tronics.

During fiscal 2009, Giga-tronics Division derived 55% of its net sales from the U.S. government defense agencies and their prime subcontractors. During fiscal 2008, Giga-tronics Division derived 45% of its net sales from the U.S. government defense agencies and their prime subcontractors.

During fiscal 2009, Microsource derived 18% of its net sales from an electronic instrument manufacturer and 72% of its net sales from the U.S. government defense agencies and their prime contractors. During fiscal 2008, Microsource derived 41% of its net sales from an electronic instrument manufacturer and 42% of its net sales from the U.S. government defense agencies and their prime contractors and another 12% from foreign defense agencies and their prime contractors.

Other than U.S. government agencies and their defense contractors, no other customer accounted for 10% or more of consolidated net sales of the Company in fiscal 2009 or 2008.

In management's opinion, other than U.S. government agencies and their prime contractors, the Company has no customers where the loss of which would have a material adverse effect on the Company and its subsidiaries as a whole.

The Company's products are largely capital investments for its customers, and the Company's belief is that its customers have economic cycles in which capital investment budgets for the kinds of products that the Company produces expand and contract. The Company, therefore, expects that a major customer in one year will often not be a major customer in the following year. Accordingly, the Company's net sales and earnings will decline if the Company is unable to find new customers or increase its business with other existing customers to replace declining net sales from the previous year's major customers. A substantial decline in net sales from U.S. government defense agencies and their prime contractors would also have a material adverse effect on the Company's net sales and results of operations unless replaced by net sales from the commercial sector.

## **Backlog of Orders**

On March 28, 2009, the Company's backlog of unfilled order was approximately \$9,105,000 compared to approximately \$7,582,000 at March 29, 2008. As of March 28, 2009, there were approximately \$2,295,000 in unfilled orders that were scheduled for shipment beyond one year, as compared to approximately \$2,924,000 at March 29, 2008. Orders for the Company's products include program orders from both the U.S. government and defense contractors with extended delivery dates. Accordingly, the backlog of orders may vary substantially from quarter to quarter and the backlog entering any single quarter may not be indicative of sales for any period.

Backlog includes only those customer orders for which a delivery schedule has been agreed upon between the Company and the customer and, in the case of U.S. government orders, for which funding has been appropriated.

## **Competition**

Giga-tronics serves the broad market for electronic instrumentation with applications ranging from the design, test, calibration and maintenance of other electronic devices to providing sophisticated components for complex electronic systems to sub-systems capable of sorting and identifying high frequency communication signals. These applications cut across the commercial, industrial and military segments of the broad market. The Company has a variety of competitors. Several of its competitors are much larger than the Company and have greater resources and substantially broader product lines. Others are of comparable size with more limited product lines.

Competition from numerous existing companies is intense and potential new entrants are expected to increase. The Company's instrument, switch, oscillator and synthesizer products compete with Agilent, Anritsu, EADS, Aeroflex and Rohde & Schwarz. Many of these companies have substantially greater research and development, manufacturing, marketing, financial, technological, personnel and managerial resources than Giga-tronics. There can be no assurance that any products developed by these competitors will not gain greater market acceptance than any developed by Giga-tronics.

To compete effectively in this circumstance, the Company (a) places strong emphasis on maintaining a high degree of technical competence as it relates to the development of new products and the upgrading of existing products and (b) is highly selective in establishing technological objectives. The Company does not attempt to compete 'across the board', but selectively based upon its particular strengths and the competitors' perceived limitations.

Specification requirements of customers in this market vary widely. The Company is able to compete by offering products that meet a customer's particular specification requirements; by being able to offer certain product specifications at lower cost resulting from the Company's past production of products with those of similar specifications; and by being able to offer certain product specifications at a higher quality level. All of these advantages are attributable to the Company's continuing investment in research and development and in a highly trained engineering staff.

The customer's decision is most often based on the best match of its particular requirements and the supplier's operating specifications. In most cases, attracting and retaining customers does not require the Company to offer the best overall product with respect to each of the customer's requirements, but rather the best product relative to the specifications that are most important to the customer.

When the opportunity involves custom solutions, price is not the only consideration. Satisfying the customer's specific requirements becomes more important and the Company believes it has more flexibility in making modifications and enhancements than its larger and more structured competitors.

### **Sales and Marketing**

Giga-tronics and Microsource market their products through various independent distributors and representatives to commercial and government customers, although not necessarily through the same distributors and representatives.

### **Product Development**

Products of the type manufactured by Giga-tronics historically have had relatively long product life cycles. However, the electronics industry is subject to rapid technological changes at the component level. The future success of the Company is dependent on its ability to steadily incorporate advancements in component technologies into its new products. In fiscal 2009, product development expenses totaled approximately \$1,975,000 excluding non-recurring engineering (NRE) costs. In fiscal 2008, product development expenses were \$2,248,000.

Activities included the development of new products and the improvement of existing products. It is management's intention to maintain product development at levels required to sustain its competitive position. All of the Company's product development activities are internally funded and expensed as incurred.

Giga-tronics expects to continue to make significant investments in research and development. There can be no assurance that future technologies, processes or product developments will not render Giga-tronics' current product offerings obsolete or that Giga-tronics will be able to develop and introduce new products or enhancements to existing products that satisfy customer need, in a timely manner or achieve market acceptance. The failure to do so could adversely affect Giga-tronics' business.

### **Manufacturing**

The assembly and testing of Giga-tronics Division microwave, RF and power measurement products and its switching and connecting devices are done at its San Ramon facility. The assembly and testing of Microsource's line of YIG tuned oscillators, filters and microwave synthesizers are done at its Santa Rosa facility.

### **Environment**

To the best of its knowledge, the Company is in compliance with all Federal, state and local laws and regulations involving the protection of the environment.

## Employees

As of March 28, 2009, Giga-tronics employed 97 individuals on a full-time basis. Management believes that the future success of the Company depends on its ability to attract and retain skilled personnel. None of the Company's employees are represented by a labor union, and the Company considers its employee relations to be good.

## Information about Foreign Operations

The Company sells to its international customers through a network of foreign technical sales representative organizations. All transactions between the Company and its international customers are in U.S. dollars.

### Geographic Distribution of Net Sales

(Dollars in thousands)	% of total			
	2009	2008	2009	2008
Domestic	\$ 13,490	\$ 11,348	77.0%	62.0%
International	<u>3,931</u>	<u>6,983</u>	<b>23.0%</b>	38.0%
Total	<u>\$ 17,421</u>	<u>\$ 18,331</u>		

See footnote 5 of the financial statements for further breakdown of international sales for the last two years.

The Company maintains a sales office in China, but does not have material amounts of identifiable assets in foreign countries. Its gross margins on foreign and domestic sales are similar.

## ITEM 1A. RISK FACTORS

### **Business climate is volatile**

The current financial crisis/recession represents a new risk for the Company and has resulted in delays of orders and/or cancellations. Giga-tronics has a significant number of defense-related orders. If the defense market demand decreases, actual shipments could be less than projected shipments with a resulting decline in sales. The Company's commercial product backlog has a number of risks and uncertainties such as the cancellation or deferral of orders, dispute over performance and the Company's ability to collect amounts due under these orders. If any of these events occurs, actual shipments could be less than projected shipments and earnings could decline.

### **Giga-tronics sales are substantially dependent on the wireless industry**

Giga-tronics sells directly or indirectly to customers and equipment manufacturers in the wireless industry. Currently, this industry is undergoing dramatic and rapid change. As such, the business that Giga-tronics records could decrease or existing recorded backlog could be stretched or deferred resulting in less than projected shipments. Reduced shipments may have a material adverse effect on operations.

### **Giga-tronics' markets involve rapidly changing technology and standards**

The market for electronics equipment is characterized by rapidly changing technology and evolving industry standards. Giga-tronics believes that its future success will depend in part upon its ability to develop and commercialize its existing products, develop new products and applications, and in part to develop, manufacture and successfully introduce new products and product lines with improved capabilities and to continue to enhance existing products. There can be no assurance that Giga-tronics will successfully complete the development of current or future products or that such products will achieve market acceptance.

### **Future liquidity is uncertain**

Based on current levels of sales and expenses, management believes that cash and cash equivalents remain adequate to meet current operating needs for the next twelve months. However, this estimate is based on projections that may or may not be realized, and therefore actual cash usage could be greater than projected. To operate beyond for the next twelve months would require the Company to earn additional cash from operations, renew or obtain a line of credit or obtain additional funds from other sources. The Company maintains a line of credit for \$2,500,000. The Company borrowed \$500,000 in the third quarter of fiscal 2009, but repaid it prior to December 27, 2008.

### **Giga-tronics' common stock price is volatile**

The market price of the Company's common stock could be subject to significant fluctuations in response to variations in quarterly operating results, shortfalls in revenues or earnings from levels expected by securities analysts and other factors such as announcements of technological innovations or new products by Giga-tronics or by competitors, government regulations or developments in patent or other proprietary rights. In addition, the NASDAQ Capital Market and other stock markets have experienced significant price fluctuations in recent periods. Some of these fluctuations often have been unrelated to the reported operating performance of the specific companies whose stocks are traded. Broad market fluctuations, as well as general foreign and domestic economic conditions, may adversely affect the market price of the common stock.

Giga-tronics stock at any time has historically traded on thin volume on NASDAQ. Sales of a significant volume of stock could result in a decline of Giga-tronics' share price.

### **Performance problems in Giga-tronics' products or problems arising from the use of its products together with other vendors' products may harm its business and reputation**

Products as complex as those Giga-tronics produces may contain unknown and undetected defects or performance problems. For example, it is possible that a product might not comply with stipulated specifications under all circumstances. In addition, Giga-tronics' customers generally use its products together with their own products and products from other vendors. As a result, when problems occur in a combined environment, it may be difficult to identify the source of the problem. A defect or performance problem could result in lost revenues, increased warranty costs, diversion of engineering and management time and effort, impaired customer relationships and injury to Giga-tronics' reputation generally. To date, performance problems in Giga-tronics' products or in other products used together with Giga-tronics' products have not had a material adverse effect on its business. However, management cannot be certain that a material adverse impact will not occur in the future.

### **Giga-tronics competition has greater resources**

The Company's instrument, switch, oscillator and synthesizer products compete with Agilent, Anritsu, EADS, Aeroflex and Rohde & Schwarz. Many of these companies have substantially greater research and development, manufacturing, marketing, financial, technological, personnel and managerial resources than Giga-tronics. These resources also make these competitors better able to withstand difficult market conditions than the Company. There can be no assurance that any products developed by the competitors will not gain greater market acceptance than any developed by Giga-tronics.

### **Giga-tronics acquisitions may not be effectively integrated and their integration may be costly**

As part of its business strategy, Giga-tronics may broaden its product lines and expand its markets, in part through the acquisition of other business entities. Giga-tronics is subject to various risks in connection with any future acquisitions. Such risks include, among other things, the difficulty of assimilating the operations and personnel of the acquired companies, the potential disruption of the Company's business, the inability of management to maximize the financial and strategic position of the Company by the successful incorporation of acquired technology and rights into its product offerings, the maintenance of uniform standards, controls, procedures and policies, and the potential loss of key employees of acquired companies. The Company has not made any acquisitions in the past nine years. No assurance can be given that any acquisition by Giga-tronics will or will not occur, that if an acquisition does occur, that it will not materially harm the Company or that any such acquisition will be successful in enhancing the Company's business. The Company currently contemplates that future acquisitions may involve the issuance of additional shares of common stock. Any such issuance may result in dilution to all Giga-tronics' shareholders, and sales of such shares in significant volume by the shareholders of acquired companies may depress the price of its common stock.

## **ITEM 1B. UNRESOLVED STAFF COMMENTS**

Not applicable.

## **ITEM 2. PROPERTIES**

As of March 28, 2009, Giga-tronics' principal executive office and the marketing, sales and engineering offices and manufacturing facilities for its microwave and RF signal generator and power measurement products are located in approximately 47,300 square feet in San Ramon, California, which the Company occupies under a lease agreement expiring December 31, 2011.

The property located in Fremont, California with approximately 18,700 square feet was previously occupied by ASCOR under a lease that expires on June 30, 2009. The Company effectively vacated this property as a part of its restructuring plan as of March 31, 2007. The Company moved ASCOR's engineering, sales and marketing, and administrative activities to the San Ramon, California facility effective April 1, 2007. The Company has an accrued loss of approximately \$86,276 for future lease expense. As of March 28, 2009, the Company has not sub-leased the available space.

Microsource's manufacturing facilities for its YIG tuned oscillators, filters and microwave synthesizers are located in an approximately 33,400 square foot facility in Santa Rosa, California, which it occupies under a lease expiring May 31, 2013.

The Company believes that its facilities are adequate for its business activities.

## **ITEM 3. LEGAL PROCEEDINGS**

As of March 28, 2009, the Company has no material pending legal proceedings. From time to time, Giga-tronics is involved in various disputes and litigation matters that arise in the ordinary course of business.

## **ITEM 4. SUBMISSION OF MATTERS TO A VOTE OF SECURITY HOLDERS**

No matters were submitted to a vote of security holders during the fourth quarter of the fiscal year ended March 28, 2009.

## **PART II**

### **ITEM 5. MARKET FOR COMMON EQUITY, RELATED SHAREHOLDER MATTERS AND ISSUER REPURCHASES OF EQUITY SECURITIES**

#### **Common Stock Market Prices**

Giga-tronics' common stock is traded on the NASDAQ Capital Market (formerly the NASDAQ Small Cap Market) using the symbol 'GIGA'. The number of record holders of the Company's common stock as of March 28, 2009 was approximately 1,600. The table below shows the high and low closing bid quotations for the common stock during the indicated fiscal periods. These quotations reflect inter-dealer prices without retain mark-ups, mark-downs, or commission and may not reflect actual transactions.

	2009	High	Low	2008	High	Low
First Quarter	(3/30 - 6/28)	\$1.80	\$1.26	(4/1 - 6/30)	\$2.22	\$1.61
Second Quarter	(6/29 - 9/27)	1.25	0.80	(7/1 - 9/29)	2.36	1.62
Third Quarter	(9/28 - 12/27)	1.00	0.50	(9/30 - 12/29)	3.85	1.71
Fourth Quarter	(12/28 - 3/28)	1.21	0.55	(12/30 - 3/29)	1.87	1.27

Giga-tronics has not paid cash dividends in the past and has no plans to do so in the future, based upon its belief that the best use of its available capital is in the enhancement of its product position.

Giga-tronics has not issued any unregistered securities or repurchased any of its securities during the past fiscal year.

#### **Equity Compensation Plan Information**

The following table provides information on options and other equity rights outstanding and available at March 28, 2009.

#### **Equity Compensation Plan Information**

<b>Plan Category</b>	<b>No. of securities to be issued upon exercise of outstanding option, warrants and rights</b>	<b>Weighted average exercise price of outstanding option, warrants and rights</b>	<b>No. of securities remaining available for future issuance under equity compensation plans (excluding securities reflected in column (a))</b>
	<b>(a)</b>	<b>(b)</b>	<b>(c)</b>
Equity compensation plans approved by security holders	770,900	\$1.9015	529,975
Equity compensation plans not approved by security holders	n/a	n/a	n/a
Total	770,900	\$1.9015	529,975

#### **Issuer Repurchases**

The Company did not repurchase any of its equity securities during the fiscal year ended March 28, 2009.

### **ITEM 6. SELECTED FINANCIAL DATA**

The following table sets forth selected financial data for the Company's last five fiscal years. This information is derived from the Company's audited consolidated financial statements, unless otherwise stated. This data should be read in conjunction with the consolidated financial statements, related notes, and other financial information included elsewhere in this report.

## SELECTED CONSOLIDATED FINANCIAL DATA

### Summary of Operations:

(In thousands except per share data)	Years Ended				
	March 28, 2009	March 29, 2008	March 31, 2007	March 25, 2006	March 26, 2005
Net sales	\$ 17,421	\$ 18,331	\$ 18,048	\$ 20,620	\$ 21,477
Gross profit	7,504	7,748	7,546	8,300	9,598
Operating expenses	7,914	7,939	9,548	9,316	8,760
Interest income, net	7	36	108	32	-
Per-tax (loss) income from continuing operations	(403)	(201)	(1,894)	(984)	849
Provision for income taxes	2	2	1	4	4
(Loss) income from continuing operations	(405)	(203)	(1,895)	(988)	845
Income (loss) on discontinued operations, net of income taxes	75	(31)	28	27	(233)
Net (loss) income	\$ (330)	\$ (234)	\$ (1,867)	\$ (961)	\$ 612
Basic (loss) earnings per share:					
From continuing operations	\$ (0.08)	\$ (0.04)	\$ (0.40)	\$ (0.21)	\$ 0.18
On discontinued operations	0.01	(0.01)	0.01	0.01	(0.05)
Net (loss) earnings per share - basic	<u>\$ (0.07)</u>	<u>\$ (0.05)</u>	<u>\$ (0.39)</u>	<u>\$ (0.20)</u>	<u>\$ 0.13</u>
Diluted (loss) earnings per share:					
From continuing operations	\$ (0.08)	\$ (0.04)	\$ (0.40)	\$ (0.21)	\$ 0.18
On discontinued operations	0.01	(0.01)	0.01	0.01	(0.05)
Net (loss) earnings per share - diluted	<u>\$ (0.07)</u>	<u>\$ (0.05)</u>	<u>\$ (0.39)</u>	<u>\$ (0.20)</u>	<u>\$ 0.13</u>
Shares of common stock - basic	4,824	4,813	4,809	4,782	4,725
Shares of common stock - diluted	4,824	4,813	4,809	4,782	4,741

### Financial Position:

(In thousands except per share data)	Years Ended				
	March 28, 2009	March 29, 2008	March 31, 2007	March 25, 2006	March 26, 2005
Current ratio	3.14	3.68	3.09	3.93	4.29
Working Capital	\$ 7,131	\$ 7,231	\$ 7,280	\$ 8,856	\$ 9,337
Total assets	\$ 10,467	\$ 10,361	\$ 11,161	\$ 12,346	\$ 12,961
Shareholders' equity	\$ 7,332	\$ 7,392	\$ 7,393	\$ 9,098	\$ 9,812

### Percentage Data:

(Percentage of net sales)	Years Ended				
	March 28, 2009	March 29, 2008	March 21, 2007	March 25, 2006	March 26, 2005
Gross profit	43.1%	42.3%	41.8%	40.3%	44.7%
Operating expenses	45.4%	43.3%	52.9%	45.2%	40.8%
Interest income, net	0.0%	0.2%	0.6%	0.1%	0.0%
Per-tax (loss) income from continuing operations	(2.3%)	(1.1%)	(10.5%)	(4.8%)	4.0%
Income (loss) on discontinued operations, net of income taxes	0.4%	(0.2%)	0.2%	0.1%	(1.1%)
Net (loss) income	(1.9%)	(1.3%)	(10.3%)	(4.7%)	2.8%



## SELECTED CONSOLIDATED FINANCIAL DATA

The following is a summary of unaudited results of operations for the fiscal years ended March 28, 2009 and March 29, 2008.

<b>Quarterly Financial Information (Unaudited)</b>	<b>2009</b>				
(In thousands except per share data)	First	Second	Third	Fourth	Year
Net sales	\$ 3,488	\$ 3,689	\$ 5,099	\$ 5,145	\$ 17,421
Gross profit	1,397	1,338	2,420	2,349	7,504
Operating expenses	1,920	1,959	2,069	1,966	7,914
Interest income, net	3	6	(2)	-	7
Per-tax (loss) income from continuing operations	(520)	(615)	349	383	(403)
Provision for income taxes	2	-	-	-	2
(Loss) income from continuing operations	(522)	(615)	349	383	(405)
Income on discontinued operations, net of income taxes	-	75	-	-	75
Net (loss) income	\$ (522)	\$ (540)	\$ 349	\$ 383	\$ (330)
Basic (loss) earnings per share:					
From continuing operations	\$ (0.11)	\$ (0.13)	\$ 0.07	\$ 0.08	\$ (0.08)
On discontinued operations	-	0.02	-	-	0.01
Net (loss) earnings per share - basic	<u>\$ (0.11)</u>	<u>\$ (0.11)</u>	<u>\$ 0.07</u>	<u>\$ 0.08</u>	<u>\$ (0.07)</u>
Basic (loss) earnings per share:					
From continuing operations	\$ (0.11)	\$ (0.13)	\$ 0.07	\$ 0.08	\$ (0.08)
On discontinued operations	-	0.02	-	-	0.01
Net (loss) earnings per share - basic	<u>\$ (0.11)</u>	<u>\$ (0.11)</u>	<u>\$ 0.07</u>	<u>\$ 0.08</u>	<u>\$ (0.07)</u>
Shares of common stock - basic	4,824	4,824	4,824	4,824	4,824
Shares of common stock - diluted	4,824	4,824	4,824	4,824	4,824

**Quarterly Financial Information (Unaudited)****2008**

(In thousands except per share data)	First	Second	Third	Fourth	Year
Net sales	\$ 4,628	\$ 4,651	\$ 4,953	\$ 4,009	\$ 18,331
Gross profit	1,944	2,081	2,049	1,674	7,748
Operating expenses	1,941	1,879	1,974	2,145	7,939
Interest income, net	14	9	6	7	36
Pre-tax income (loss) from continuing operations	30	198	51	(480)	(201)
Provision for income taxes	2	-	-	-	2
Income (loss) from continuing operations	28	198	51	(480)	(203)
Income (loss) on discontinued operations, net of income taxes	64	(10)	(20)	(65)	(31)
Net income (loss)	\$ 92	\$ 188	31	\$ (545)	\$ (234)
Basic earnings (loss) per share:					
From continuing operations	\$ 0.01	\$ 0.04	\$ 0.01	\$ (0.10)	\$ (0.04)
On discontinued operations	0.01	(0.00)	(0.00)	(0.01)	(0.01)
Net earnings (loss) per share - basic	<u>\$ 0.02</u>	<u>\$ 0.04</u>	<u>\$ 0.01</u>	<u>\$ (0.11)</u>	<u>\$ (0.05)</u>
Diluted earnings (loss) per share:					
From continuing operations	\$ 0.01	\$ 0.04	\$ 0.01	\$ (0.10)	\$ (0.04)
On discontinued operations	0.01	(0.00)	(0.00)	(0.01)	(0.01)
Net earnings (loss) per share - diluted	<u>\$ 0.02</u>	<u>\$ 0.04</u>	<u>\$ 0.01</u>	<u>\$ (0.11)</u>	<u>\$ (0.05)</u>
Shares of common stock - basic	4,809	4,810	4,814	4,818	4,813
Shares of common stock - diluted	4,863	4,880	4,913	4,818	4,813

## ITEM 7. MANAGEMENT'S DISCUSSION AND ANALYSIS OR PLAN OF OPERATION

### Overview

Giga-tronics produces instruments, subsystems and sophisticated microwave components that have broad applications in both defense electronics and wireless telecommunications. In 2009 Giga-tronics' business consisted of two operating and reporting segments: Giga-tronics Division and Microsource.

The Company's business is highly dependent on government spending in the defense electronics sector and on the wireless telecommunications market. Defense orders have improved on a year-to-date basis for fiscal 2009 versus fiscal 2008 whereas on a year-to-date basis, commercial orders are slightly down in fiscal 2009 versus fiscal 2008.

The Company continues to monitor costs, including reductions in personnel, facilities and other expenses, to more appropriately align costs with revenues. In April 2007, the Company restored the prior salary reductions. In March 2007, the Company moved ASCOR's engineering, sales and marketing, and administrative activities to the San Ramon, California facility, effectively vacating its Fremont, California facility. As a result, the Company has accrued its future lease obligations through June 2009. Microsource sales and marketing and engineering activities were also consolidated into the San Ramon facility to better integrate its component development activities with the Company's overall new product plans. The Microsource facility in Santa Rosa, California, however, remains open as a manufacturing operation.

### Results of Operations

New orders by segment are as follows for the fiscal years ended:

<b>New Orders</b>	<b>% change</b>				
				<b>2009</b>	2008
				<b>vs.</b>	vs.
(Dollars in thousands)	<b>2009</b>	2008	2007	<b>2008</b>	2007
Giga-tronics	<b>\$ 11,599</b>	\$ 13,795	\$ 13,067	<b>(16%)</b>	6%
Microsource	<b>7,399</b>	3,625	3,091	<b>104%</b>	17%
Total	<b>\$ 18,998</b>	\$ 17,420	\$ 16,158	<b>9%</b>	8%

New orders received in fiscal 2009 increased 9% to \$18,998,000 from the \$17,420,000 received in fiscal 2008. New orders increased primarily due to an increase in military orders.

New orders received in fiscal 2008 increased 8% to \$17,420,000 from the \$16,158,000 received in fiscal 2007. New orders increased primarily due to an increase in military orders.

In fiscal 2009, orders at Giga-tronics Division decreased primarily due to a decrease in commercial demand for its products. Microsource increased primarily due to an increase in military demand for its products.

In fiscal 2008, orders at Giga-tronics Division increased primarily due to an increase in commercial demand for its products. Microsource increased primarily due to an increase in military demand for its products.

The following table shows order backlog and related information at fiscal year-end:

<b>Backlog</b>				% change	
	2009	2008	2007	2009	2008
				vs.	vs.
(Dollars in thousands)	2009	2008	2007	2008	2007
Backlog of unfilled orders	\$ 9,105	\$ 7,528	\$ 8,439	21%	(11%)
Backlog of unfilled orders shippable within one year	6,810	4,604	5,294	48%	(13%)
Previous fiscal year end (FYE) long term backlog					
reclassified during year as shippable within one year	1,640	425	303	286%	40%
Net cancellations during year of previous FYE					
one-year backlog	-	-	904	-	-

The increase in backlog at year-end 2009 of 21% was primarily due to orders exceeding shipments.

The decrease in backlog at year-end 2008 of 11% was primarily due to shipments exceeding orders.

The allocation of net sales was as follows for the fiscal years shown:

<b>Allocation of Net Sales</b>				% change	
	2009	2008	2007	2009	2008
				vs.	vs.
(Dollars in thousands)	2009	2008	2007	2008	2007
Commercial	\$ 6,303	\$ 7,020	\$ 7,054	(10%)	0%
Government / Defense	11,118	11,311	10,994	(2%)	3%
Total	\$ 17,421	\$ 18,331	\$ 18,048	(5%)	2%

The allocation of net sales by segment was as follows for the fiscal years shown:

<b>Allocation of Net Sales by Segment</b>				% change	
	2009	2008	2007	2009	2008
				vs.	vs.
(Dollars in thousands)	2009	2008	2007	2008	2007
<b>Giga-tronics Division</b>					
Commercial	\$ 4,694	\$ 5,282	\$ 5,355	(11%)	(1%)
Government / Defense	6,989	9,264	7,183	(25%)	29%
Total	\$ 11,683	\$ 14,546	\$ 12,538	(20%)	16%
<b>Microsource</b>					
Commercial	\$ 1,609	\$ 1,738	\$ 1,699	(7%)	2%
Government / Defense	4,129	2,047	3,811	102%	(46%)
Total	\$ 5,738	\$ 3,785	\$ 5,510	52%	(31%)

Fiscal 2009 net sales were \$17,421,000, a 5% decrease from the \$18,331,000 of net sales in 2008. The decrease in sales was primarily due to a decrease in commercial shipments. Sales at Giga-tronics Division decreased 20% or \$2,863,000. Microsource sales increased 52% or \$1,953,000.

Fiscal 2008 net sales were \$18,331,000, a 2% increase from the \$18,048,000 of net sales in 2007. The increase in sales was primarily due to improved military deliveries. Sales at Giga-tronics Division increased 16% or \$2,008,000. Microsource sales decreased 31% or \$1,725,000.

Cost of sales was as follows for the fiscal years shown:

<b>Cost of Sales</b>				% change	
	<b>2009</b>	2008	2007	<b>2009</b>	2008
				<b>vs.</b>	vs.
(Dollars in thousands)	<b>2009</b>	2008	2007	<b>2008</b>	2007
Cost of sales	<b>\$ 9,917</b>	\$ 10,583	\$ 10,502	<b>(6%)</b>	1%

In fiscal 2009, cost of sales decreased 6% to \$9,917,000 from \$10,583,000 in fiscal 2008, driven by a reduction in sales. However, the percentage rate increased by 0.8% from 42.3% in fiscal 2008 to 43.1% in fiscal 2009, due to the change in product mix.

In fiscal 2008, cost of sales increased 1% to \$10,583,000 from \$10,502,000 in fiscal 2007.

Operating expenses were as follows for the fiscal years shown:

<b>Operating Expenses</b>				% change	
	<b>2009</b>	2008	2007	<b>2009</b>	2008
				<b>vs.</b>	vs.
(Dollars in thousands)	<b>2009</b>	2008	2007	<b>2008</b>	2007
Engineering	<b>\$ 1,975</b>	\$ 2,248	\$ 3,731	<b>(12%)</b>	(40%)
Selling, general and administrative	<b>5,939</b>	5,538	5,456	<b>7%</b>	2%
Restructuring	-	153	361	<b>(100%)</b>	(58%)
Total	<b>\$ 7,914</b>	\$ 7,939	\$ 9,548	<b>0%</b>	(17%)

Operating expenses decreased \$25,000 in fiscal 2009 over 2008 due to a decrease of \$273,000 in product development expenses excluding NRE costs and a decrease of \$153,000 in restructuring charges, offset by an increase of \$401,000 in selling, general and administrative expense. The increase in selling, general and administrative expense is a result of higher marketing expense of \$394,000 and higher administrative expense of \$194,000 offset by lower commission expense of \$187,000. As a result of adopting SFAS 123(R) in fiscal 2007, the Company recorded \$270,000 of expense in fiscal 2009.

Operating expenses decreased 17% or \$1,609,000 in fiscal 2008 over 2007 due to a decrease of \$1,483,000 in product development expense and a decrease of \$208,000 in restructuring charges, offset by an increase of \$82,000 in selling, general and administrative expense. The increase in selling, general and administrative expense is a result of higher marketing expense of \$251,000 and higher commission expense of \$199,000, offset by lower administrative expense of \$368,000. As a result of adopting SFAS 123(R) in fiscal 2007, the Company recorded \$211,000 of expense in fiscal 2008. Included in the operating expenses for fiscal 2008 was a one-time restructuring charge of \$73,000 to reserve the remaining lease obligation on the Fremont facility and \$80,000 in severance cost, for a total of \$153,000.

Net interest income in 2009 decreased from \$36,000 to \$7,000 due to a lower average cash balance throughout the year.

Net interest income in 2008 decreased from \$108,000 to \$36,000 due to a lower average cash balance throughout the year.

Giga-tronics recorded a net loss of \$330,000 or \$0.07 per fully diluted share for fiscal 2009 versus a net loss of \$234,000 or \$0.05 per fully diluted share in fiscal 2008.

Giga-tronics recorded a net loss of \$234,000 or \$0.07 per fully diluted share for fiscal 2008 versus a net loss of \$1,867,000 or \$0.39 per fully diluted share in fiscal 2007.

Inventories consist of the following:

<b>Net Inventories</b>	<b>% change</b>		
			<b>2009</b>
			<b>vs.</b>
			<b>2008</b>
(Dollars in thousands)	<b>2009</b>	2008	
Raw materials	\$ 3,263	\$ 2,767	18%
Work-in-progress	1,127	1,501	(25%)
Finished goods	559	369	51%
Demonstration inventory	460	371	24%
Total	<b>\$ 5,409</b>	<b>\$ 5,008</b>	<b>8%</b>

Inventories increased by \$401,000 at fiscal year end 2009 compared to the prior fiscal year end, primarily due to a return of goods from a customer.

### **Financial Condition and Liquidity**

As of March 28, 2009, Giga-tronics had \$1,518,000 in cash and cash-equivalents, compared to \$1,845,000 as of March 29, 2008.

Working capital for the 2009 fiscal year end was \$7,131,000, compared to \$7,231,000 in 2008 and \$7,280,000 in 2007. The decrease in working capital at 2009 from 2008 was primarily due to the operating loss in the year. The decrease in working capital at 2008 from 2007 was primarily due to the operating loss in the year and other fiscal year-end liabilities offset by a reduction in net inventories.

The Company's current ratio (current assets divided by current liabilities) at March 28, 2009 was 3.1 compared to 3.7 on March 29, 2008 and 3.1 on March 31, 2007. At March 28, 2009 the decrease was primarily the result of an increase in accounts payable at quarter end and an increase in deferred revenue offset by an equal increase in accounts receivable. At March 29, 2008, the increase in this ratio was primarily the result of a decrease in net inventories offset by other fiscal year-end liabilities.

Cash used in operations amounted to \$300,000 in 2009. Cash provided by operations amounted to \$220,000 in 2008. Cash used in operations amounted to \$1,406,000 in 2007. Cash used in operations in 2009 was primarily attributed to the operating loss for the year. Cash provided by operations in 2008 was primarily attributed to the decrease in inventories, partially offset by the operating loss in the year. Cash used in operations in 2007 was primarily attributed to the operating loss in the year.

Additions to property and equipment were \$69,000 in 2009 compared to \$206,000 in 2008 and \$204,000 in 2007. The capital equipment spending in fiscal 2009 was due to an upgrade of capital equipment enabling the manufacture of new products being released. The capital equipment spending in fiscal 2008 was due to the implementation of the Enterprise Resource Plan (ERP) system at Giga-tronics and Microsource. The capital equipment spending in fiscal 2007 was due to an upgrade of capital equipment enabling the manufacture of new products being released.

Other cash inflows in 2008 consisted of \$22,000 from the sale of common stock in connection with the exercise of stock options.

### **Contractual Obligations**

The Company leases various facilities under operating leases that expire through May 2013. Total future minimum lease payments under these leases amount to approximately \$3,487,000.

The Company leases equipment under capital leases that expire through September 2012. The future minimum lease payments under these leases amount to approximately \$45,000.

The Company is committed to purchase certain inventory under non-cancelable purchase orders. As of March 28, 2009, total non-cancelable purchase orders were approximately \$1,152,000 through fiscal 2010 and \$202,000 beyond fiscal 2010 and were scheduled to be delivered to the Company at various dates through May 2010.

The following table disclosed the amount of payments due under certain contractual obligations in the specified time periods.

(Dollars in thousands)	Under one year	One to three years	Three to five years	More than five years
Operating leases	\$ 1,067	\$ 1,458	\$ 962	\$ 0
Capital lease	18	18	9	-
Purchase obligations	1,152	202	-	-
Total	<u>\$ 2,237</u>	<u>\$ 1,678</u>	<u>\$ 971</u>	<u>\$ 0</u>

### **Critical Accounting Policies**

The Company's discussion and analysis of its financial condition and the results of operations are based upon the consolidated financial statements included in this report and the data used to prepare them. The consolidated financial statements have been prepared in accordance with accounting principles generally accepted in the United States of America and management is required to make judgments, estimates and assumptions in the course of such preparation. The Summary of Significant Accounting Policies included with the consolidated financial statements describes the significant accounting policies and methods used in the preparation of the consolidated financial statements. On an ongoing basis, the Company re-evaluates its judgments, estimates and assumptions, including those related to revenue recognition, product warranties, allowance for doubtful accounts, valuation of inventories and valuation allowance on deferred tax assets. The Company bases its judgment and estimates on historical experience, knowledge of current conditions, and its beliefs of what could occur in the future considering available information. Actual results may differ from these estimates under different assumptions or conditions. Management of Giga-tronics has identified the following as the Company's critical accounting policies:

#### Revenue Recognition

Revenues are recognized when there is evidence of an arrangement, delivery has occurred, the price is fixed or determinable, and collectability is reasonably assured. This generally occurs when products are shipped and the risk of loss has passed. Revenue related to products shipped subject to customers' evaluation is recognized upon final acceptance.

#### Product Warranties

The Company's warranty policy generally provides one to three years of coverage depending on the product. The Company records a liability for estimated warranty obligations at the date products are sold. The estimated cost of warranty coverage is based on the Company's actual historical experience with its current products or similar products. For new products, the required reserve is based on historical experience of similar products until sufficient historical data has been collected on the new product. Adjustments are made as new information becomes available.

#### Accounts Receivable

Accounts receivable are stated at their net realizable value. The Company has estimated an allowance for uncollectible accounts based on analysis of specifically identified problem accounts, outstanding receivables, consideration of the age of those receivables, and the Company's historical collection experience.

#### Inventory

Inventories are stated at the lower of cost or market. Cost is determined on a first-in, first-out basis. The Company periodically reviews inventory on hand to identify and write down excess and obsolete inventory based on estimated product demand.

#### Deferred Income Taxes

Income taxes are accounted for using the asset and liability method. Deferred tax assets and liabilities are recognized for the future tax consequences attributable to differences between the financial statement carrying amounts of existing assets and liabilities and their respective tax bases and operating loss and tax credit carryforwards. Deferred tax assets and liabilities are measured using enacted tax rates expected to apply to taxable income in the years in which those temporary differences are expected to be recovered or settled. The effect on deferred tax assets and liabilities of a change in tax rates is recognized in income in the period that includes the enactment date. Future tax benefits are subject to a valuation

allowance when management is unable to conclude that its deferred tax assets will more likely than not be realized from the results of operations. The Company has recorded a valuation allowance to reflect the estimated amount of deferred tax assets that may not be realized. The ultimate realization of deferred tax assets is dependent upon generation of future taxable income during the periods in which those temporary differences become deductible. Management considers projected future taxable income and tax planning strategies in making this assessment. Based on the historical taxable income and projections for future taxable income over the periods in which the deferred tax assets become deductible, management has established a valuation allowance against its net deferred tax assets as of March 28, 2009 and March 29, 2008.

The Company considers all tax positions recognized in its financial statements for the likelihood of realization. When tax returns are filed, it is highly certain that some positions taken would be sustained upon examination by the taxing authorities, while others are subject to uncertainty about the merits of the positions taken or the amounts of the positions that would be ultimately sustained. The benefit of a tax position is recognized in the financial statements in the period during which, based on all available evidence, management believes it is more likely than not that the position will be sustained upon examination, including the resolution of appeals or litigation processes, if any.

Tax positions that meet the more-likely-than-not recognition threshold are measured as the largest amount of tax benefit that is more than 50 percent likely of being realized upon settlement with the applicable taxing authority. The portion of the benefits associated with tax positions taken that exceeds the amount measured as described above, if any, would be reflected as a liability for unrecognized tax benefits in the accompanying condensed balance sheet along with any associated interest and penalties that would be payable to the taxing authorities upon examination. The Company recognizes accrued interest and penalties, if any, related to unrecognized tax benefits as a component of the provision for income taxes in the consolidated statements of operations.

#### Product Development Costs

The Company incurs pre-production costs on certain long-term supply arrangements. The costs, which represent non-recurring engineering and tooling costs, are capitalized as other assets and amortized over their useful life when reimbursable by the customer. All other pre-production and product development costs are expensed as incurred.

#### Share-Based Compensation

The Company has a stock incentive plan that provides for the issuance of stock options to employees. The Company calculates compensation expense under SFAS 123(R) using a Black-Scholes-Merton option pricing model. In so doing, the Company makes certain key assumptions in making estimates used in the model. The Company believes the estimates used, which are presented in Note 1 of Notes to Consolidated Financial Statements, are appropriate and reasonable.

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

The Company has no other off-balance-sheet arrangements (including standby letters of credit, guaranties, contingent interests in transferred assets, contingent obligations indexed to its own stock or any obligation arising out of a variable interest in an unconsolidated entity that provides credit or other support to the Company), that have or are likely to have a material effect on its financial conditions, changes in financial conditions, revenue, expense, results of operations, liquidity, capital expenditures or capital resources.

Management believes that the Company has adequate resources to meet its anticipated operating and capital expenditure needs for the foreseeable future. Giga-tronics intends to maintain research and development expenditures for the purpose of broadening its product base. From time to time, Giga-tronics considers a variety of acquisition opportunities to also broaden its product lines and expand its markets. Such acquisition activity could also increase the Company's operating expenses and require the additional use of capital resources.

#### **ITEM 7A. QUANTITATIVE AND QUALITATIVE DISCLOSURES ABOUT MARKET RISK**

Not applicable.



## **ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA**

### INDEX TO FINANCIAL STATEMENTS AND SCHEDULES

<u>Financial Statements</u>	<u>Page No.</u>
Consolidated Balance Sheets - As of March 28, 2009 and March 29, 2008	22
Consolidated Statements of Operations - Years ended March 28, 2009 and March 29, 2008	23
Consolidated Statements of Shareholders' Equity - Years ended March 28, 2009 and March 29, 2008	24
Consolidated Statements of Cash Flows - Years ended March 28, 2009 and March 29, 2008	25
Notes to Consolidated Financial Statements	26 - 34
Report of Independent Registered Public Accounting Firm	35

## CONSOLIDATED BALANCE SHEETS

(In thousands except share data)	March 28, 2009	March 29, 2008
<b>Assets</b>		
Current Assets		
Cash and cash equivalents	\$ 1,518	\$ 1,845
Trade accounts receivable, net of allowance of \$102 and \$93, respectively	3,110	2,693
Inventories, net	5,409	5,008
Prepaid expenses and other current assets	430	383
<b>Total current assets</b>	<b>10,467</b>	<b>9,929</b>
Property and equipment		
Leasehold improvements	373	373
Machinery and equipment	15,462	15,468
Office furniture and fixtures	788	723
Total property and equipment	16,623	16,564
Less accumulated depreciation and amortization	16,317	16,164
Property and equipment, net	306	400
Other assets	16	32
<b>Total assets</b>	<b>\$ 10,789</b>	<b>\$ 10,361</b>
<b>Liabilities and shareholders' equity</b>		
Current liabilities		
Accounts payable	\$ 1,219	\$ 649
Accrued commission	144	181
Accrued payroll and benefits	397	526
Accrued warranty	177	190
Deferred revenue	959	646
Deferred rent	118	286
Capital lease obligations	16	-
Other current liabilities	306	220
<b>Total current liabilities</b>	<b>3,336</b>	<b>2,698</b>
Long term obligation - Deferred rent	96	271
Long term obligation - Capital lease	25	-
<b>Total liabilities</b>	<b>3,457</b>	<b>2,969</b>
Commitments and contingencies	-	-
Shareholders' equity		
Preferred stock of no par value; Authorized 1,000,000 shares; no shares outstanding at March 28, 2009 and March 29, 2008	-	-
Common stock of no par value; Authorized 40,000,000 shares; 4,824,021 shares at March 28, 2009 and March 29, 2008 issued and outstanding	13,668	13,398
Accumulated deficit	(6,336)	(6,006)
<b>Total shareholders' equity</b>	<b>7,332</b>	<b>7,392</b>
<b>Total liabilities and shareholders' equity</b>	<b>\$ 10,789</b>	<b>\$ 10,361</b>

*See Accompanying Notes to Consolidated Financial Statements*

## CONSOLIDATED STATEMENTS OF OPERATIONS

(In thousands except share data)	Years Ended	
	March 28, 2009	March 29, 2008
<b>Net sales</b>	\$ 17,421	\$ 18,331
Cost of sales	<u>9,917</u>	<u>10,583</u>
<b>Gross profit</b>	<u>7,504</u>	<u>7,748</u>
Engineering	1,975	2,248
Selling, general and administrative	5,939	5,538
Restructuring	-	153
Total operating expenses	<u>7,914</u>	<u>7,939</u>
<b>Operating loss from continuing operations</b>	(410)	(191)
Other expense	-	46
Interest income, net	7	36
<b>Loss from continuing operations before income taxes</b>	<u>(403)</u>	<u>(201)</u>
Provision for income taxes	2	2
<b>Loss from continuing operations</b>	(405)	(203)
Income (loss) on discontinued operations, net of income taxes of nil for 2009 and 2008	75	(31)
<b>Net loss</b>	<u>\$ (330)</u>	<u>\$ (234)</u>
Basic and diluted (loss) earnings per share:		
From continuing operations	\$ (0.08)	\$ (0.04)
On discontinued operations	0.01	(0.01)
Basic and diluted loss per share	<u>\$ (0.07)</u>	<u>\$ (0.05)</u>
<b>Shares used in per share calculation:</b>		
Basic	4,824	4,813
Diluted	4,824	4,813

*See Accompanying Notes to Consolidated Financial Statements*

**CONSOLIDATED STATEMENTS OF CHANGES IN  
SHAREHOLDERS' EQUITY**

(In thousands except share data)	Shares	Amount	Accumulated Deficit	Total
<b>Balance at March 31, 2007</b>	4,809,021	\$ 13,165	\$ (5,772)	\$ 7,393
Net loss			(234)	(234)
Share based compensation	-	211	-	211
Stock issuance under stock options plans	15,000	22	-	22
<b>Balance at March 29, 2008</b>	4,824,021	13,398	(6,006)	7,392
Net loss			(330)	(330)
Share based compensation	-	270	-	270
Stock issuance under stock options plans	-	-	-	-
<b>Balance at March 28, 2009</b>	<b>4,824,021</b>	<b>\$ 13,668</b>	<b>\$ (6,336)</b>	<b>\$ 7,332</b>

*See Accompanying Notes to Consolidated Financial Statements*

## CONSOLIDATED STATEMENTS OF CASH FLOWS

(In thousands)	Fiscal Years Ended	
	March 28, 2009	March 29, 2008
<b>Cash flows from operations:</b>		
Net loss	\$ (330)	\$ (234)
Adjustments to reconcile net loss to net cash (used in) provided by operations:		
Net provision for doubtful accounts	9	31
Depreciation and amortization	162	128
Gain on sale of fixed asset	-	(3)
Share based compensation	270	211
Deferred rent	(343)	(83)
Changes in operating assets and liabilities:		
Trade accounts receivable	(426)	26
Inventories	(401)	833
Prepaid expenses and other assets	(47)	(23)
Accounts payable	570	(457)
Accrued commissions	(37)	(11)
Accrued payroll and benefits	(129)	(140)
Accrued warranty	(13)	(17)
Deferred revenue	313	(35)
Other current liabilities	102	(6)
<b>Net cash (used in) provided by operations</b>	<u>(300)</u>	<u>220</u>
<b>Cash flows from investing activities:</b>		
Proceeds from sales of equipment	1	5
Purchases of property and equipment	(69)	(206)
<b>Net cash used in investing activities</b>	<u>(68)</u>	<u>(201)</u>
<b>Cash flows from financing activities:</b>		
Proceeds from capital lease	41	-
Issuance of common stock	-	22
<b>Net cash provided by financing activities</b>	<u>41</u>	<u>22</u>
<b>(Decrease) increase in cash and cash equivalents</b>	(327)	41
<b>Beginning cash and cash equivalents</b>	<u>1,845</u>	<u>1,804</u>
<b>Ending cash and cash equivalents</b>	<u>\$ 1,518</u>	<u>\$ 1,845</u>
<b>Supplementary disclosure of cash flow information:</b>		
Cash paid for income taxes	<u>\$ 2</u>	<u>\$ 2</u>
Cash paid for interest	<u>-</u>	<u>-</u>

*See Accompanying Notes to Consolidated Financial Statements*

## NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

### **1 Summary of Significant Accounting Policies**

*The Company* The accompanying consolidated financial statements include the accounts of Giga-tronics Incorporated (“Giga-tronics”) and its wholly-owned subsidiary, Microsource Incorporated (“Microsource”), collectively the “Company”. The Company’s corporate office and manufacturing facilities are located in Northern California. Giga-tronics and its subsidiary companies design, manufacture and market a broad line of test and measurement equipment used in the development, test, and maintenance of wireless communications products and systems, flight navigational equipment, electronic defense systems, and automatic testing systems. The Company also manufactures and markets a line of test, measurement, and handling equipment used in the manufacturing of semiconductor devices. The Company’s products are sold worldwide to customers in the test and measurement and semiconductor industries. The Company currently has no foreign-based operations or material amounts of identifiable assets in foreign countries. Its gross margins on foreign and domestic sales are similar, and all non-U.S. sales are made in U.S. dollars.

*Principles of Consolidation* The consolidated financial statements include the accounts of Giga-tronics and its wholly-owned subsidiaries. All significant intercompany balances and transactions have been eliminated in consolidation.

*Use of Estimates* The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and the disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenues and expenses during the reporting period. Actual results could differ from those estimates.

*Fiscal Year* The Company’s financial reporting year consists of either a 52 week or 53 week period ending on the last Saturday of the month of March. Both fiscal year 2009 and 2008 contained 52 weeks. All references to years in the consolidated financial statements relate to fiscal years rather than calendar years.

*Reclassifications* Certain reclassifications, none of which affected net loss, have been made to prior year balances in order to conform to the current year presentation.

*Revenue Recognition* Revenue is recorded when there is evidence of an arrangement, delivery has occurred, the price is fixed or determinable, and collectability is reasonably assured. This occurs when products are shipped, unless the arrangement involves acceptance terms. If the arrangement involves acceptance terms, the Company defers revenue until product acceptance is received. Further, sales made to distributors do not include price protection or product return rights, except for product defects covered under warranty arrangements. The Company has no other post-shipment obligations. The Company reports freight costs paid for shipments to customers as cost of sales.

The Company has estimated an allowance for uncollectable accounts based on analysis of specifically identified accounts, outstanding receivables, consideration of the age of those receivables and the Company’s historical collection experience. The activity in the reserve account is as follows:

(Dollars in thousands)	<b>March 28, 2009</b>	March 29, 2008
Beginning balance	\$ 93	\$ 62
Provision for doubtful accounts	9	31
Recoveries of doubtful accounts	-	-
Write-off of doubtful accounts	-	-
Ending balance	<u>\$ 102</u>	<u>\$ 93</u>

*Accrued Warranty* The Company’s warranty policy generally provides one to three years of coverage depending on the product. The Company records a liability for estimated warranty obligations at the date products are sold. The estimated cost of warranty coverage is based on the Company’s actual historical experience with its current products or similar products. For new products, the required reserve is based on historical experience of similar products until such time as sufficient historical data has been collected on the new product. Adjustments are made a new information becomes available.

*Inventories* Inventories are stated at the lower of cost or market. Cost is determined on a first-in, first-out basis.

*Property and Equipment* Property and equipment are stated at cost. Depreciation is calculated using the straight-line method over the estimated useful lives of the respective assets, which range from three to ten years for machinery and equipment and office fixtures. Leasehold improvements and assets acquired under capital leases are amortized using the straight-line method over the shorter of the estimated useful lives of the respective assets or the lease term.

The Company reviews its long-lived assets for impairment whenever events or changes in circumstances indicate that the carrying amount of an asset may not be recoverable. If such review indicates that the carrying amount of an asset exceeds the sum of its expected future cash flows on an undiscounted basis, the asset's carrying amount would be written down to fair value. Additionally, the Company reports long-lived assets to be disposed of at the lower of carrying amount or fair value less cost to sell. As of March 28, 2009 and March 29, 2008, management believes there has been no impairment of the Company's long-lived assets.

*Deferred Rent* Rent expense is recognized in an amount equal to the minimum guaranteed base rent plus future rental increases amortized on the straight-line basis over the terms of the leases, including free rent periods.

*Income Taxes* Income taxes are accounted for using the asset and liability method. Deferred tax assets and liabilities are recognized for the future tax consequences attributable to differences between the financial statement carrying amounts of existing assets and liabilities and their respective tax bases and operating loss and tax credit carryforwards. Deferred income tax assets and liabilities are measured using enacted tax rates that apply to taxable income in the years in which those temporary differences are expected to be recovered or settled. Future tax benefits are subject to a valuation allowance when management is unable to conclude that its deferred income tax assets will more likely than not be realized from the results of operations. The ultimate realization of deferred income tax assets is dependent upon generation of future taxable income during the periods in which those temporary differences become deductible. Management considers projected future taxable income and tax planning strategies in making this assessment. Based on the historical taxable income and projections for future taxable income over the periods in which the deferred income tax assets become deductible, management believes it more likely than not that the company will not realize benefits of these deductible differences as of March 28, 2009. Management has, therefore, established a full valuation allowance against its net deferred income tax assets as of March 28, 2009.

The Company considers all tax positions recognized in its financial statements for the likelihood of realization. When tax returns are filed, it is highly certain that some positions taken would be sustained upon examination by the taxing authorities, while others are subject to uncertainty about the merits of the positions taken or the amounts of the positions that would be ultimately sustained. The benefit of a tax position is recognized in the financial statements in the period during which, based on all available evidence, management believes it is more likely than not that the position will be sustained upon examination, including the resolution of appeals or litigation processes, if any.

Tax positions that meet the more-likely-than-not recognition threshold are measured as the largest amount of tax benefit that is more than 50 percent likely of being realized upon settlement with the applicable taxing authority. The portion of the benefits associated with tax positions taken that exceeds the amount measured as described above, if any, would be reflected as a liability for unrecognized tax benefits in the accompanying condensed balance sheet along with any associated interest and penalties that would be payable to the taxing authorities upon examination. The Company recognizes accrued interest and penalties, if any, related to unrecognized tax benefits as a component of the provision for income taxes in the consolidated statements of operations.

*Product Development Costs* The Company incurs pre-production costs on certain long-term supply arrangements. The costs, which represent non-recurring engineering and tooling costs, are capitalized as other assets and amortized over their useful life when reimbursable by the customer. All other product development costs are charged to operations as incurred. There were no capitalized pre-production costs included in other assets as of March 28, 2009 and March 29, 2008.

*Software Development Costs* Development costs included in the research and development of new products and enhancements to existing products are expensed as incurred, until technological feasibility in the form of a working model has been established. To date, completion of software development has been concurrent with the establishment of technological feasibility, and accordingly, no costs have been capitalized.

*Share-based Compensation* The Company established a 2005 Equity Incentive Plan, which provides for the granting of options for up to 700,000 shares of Common Stock. The Company accounts for share based compensation in accordance with Statement of Financial Accounting Standards No. 123(R), *Share Based Payment* (SFAS 123(R), which requires that share-based compensation expense be recorded for all stock options that are ultimately expected to vest as the requisite service is rendered. In the fiscal year ended March 28, 2009 there were 146,500 option grants made, and in the prior year 157,000 grants were made.

SFAS 123(R) requires the cash flows resulting from the tax benefits resulting from tax deductions in excess of the compensation cost recognized for those options (excess tax benefits) to be classified as a cash flow from financing in the statement of cash flows. These excess tax benefits were not significant for the Company for the fiscal year ended March 28, 2009.

In calculating compensation related to stock option grants, the fair value of each stock option is estimated on the date of grant using the Black-Scholes-Merton option-pricing model and the following weighted-average assumptions:

Years Ended	March 28, 2009	March 29, 2008
Dividend yield	Zero	Zero
Expected volatility	90%	80% to 112%
Risk-free interest rate	2.67%	2.21% to 3.59%
Expected term (years)	3.86	3.75

The computation of expected volatility used in the Black-Scholes-Merton option-pricing model is based on the historical volatility of Giga-tronics' share price. The expected term is estimated based on a review of historical employee exercise behavior with respect to option grants.

*Discontinued Operations* In the first quarter of fiscal 2004, the Company discontinued the operations at its Dymatix Division due to the substantial losses incurred over the previous two years. In the fourth quarter of fiscal 2004, the Company consummated the sale of its Dymatix Division. Expenses are recorded for discontinued operations associated with the partial abandonment of the lease for the Fremont facility. Included in this lease is 7,727 square feet, which the Company effectively abandoned upon sale of Dymatix on March 26, 2004. As of March 29, 2008, the Company has fully reserved the remaining lease due to the low probability of leasing it to a sub-tenant prior to the expiration of the Company's lease obligation in June 30, 2009. Income from discontinued operations was \$75,000 for fiscal 2009. This resulted from the foreclosure and resale of the Dymatix assets to a third party. During the three month period ended March 29, 2008 the Company recorded a \$65,000 loss on discontinued operations due to the adjustment to the sub-lease accrual. For fiscal 2008, the Company recorded a loss on discontinued operations of \$31,000 due to the receipt of a payment of \$18,000 on previously reserved receivables, a payment of \$41,000 from the sale of a previously written off asset offset by an adjustment of \$90,000 to the sub-lease accrual.

*Earnings (Loss) Per Share* Basic earnings (loss) per share is computed using the weighted average number of common shares outstanding during the period. Diluted earnings per share incorporate the incremental shares issuable upon the assumed exercise of stock options using the treasury method. Antidilutive options are not included in the computation of diluted earnings per share.

*Comprehensive Loss* There are no items of other comprehensive loss, other than net loss.

*Financial Instruments and Concentration of Credit Risk* Financial instruments that potentially subject the Company to credit risk consist of cash, cash equivalents and trade accounts receivable. The Company's cash equivalents consist of overnight deposits. Cash and cash-equivalents are held in recognized depository institutions. At March 28, 2009 and March 29, 2008, the Company had deposits in excess of federally insured limits. The Company has not incurred losses on these deposits to date and does not expect to incur any losses based on the credit ratings of the financial institutions. Concentration of credit risk in trade accounts receivable results primarily from sales to major customers. The Company individually evaluates the creditworthiness of its customers and generally does not require collateral or other security. At March 28, 2009, two customers comprised 25% and 20%, respectively, of consolidated gross accounts receivable. At March 29, 2008, two customers comprised 24% and 13%, respectively, of consolidated gross accounts receivable.

*Fair Value of Financial Instruments* The carrying amount for the Company's cash-equivalents, trade accounts receivable and accounts payable approximates fair market value because of the short maturity of these financial instruments.

*Recently Issued Accounting Pronouncements* The following accounting standards issued as of March 29, 2008 may affect the future financial reporting of Giga-tronics Incorporated:

SFAS No. 141(R), *Business Combinations*. This Statement, among other things, establishes principles and requirements for how the acquirer in a business combination (i) recognizes and measures in its financial statements the identifiable assets acquired, the liabilities assumed, and any noncontrolling interest in the acquired business, (ii) recognizes and measures the goodwill acquired in the business combination or a gain from a bargain purchase and (iii) determines what information to disclose to enable users of the financial statements to evaluate the nature and financial effects of the business combination.



The Company is required to adopt SFAS No. 141(R) for all business combinations for which the acquisition date is on or after March 29, 2009. Earlier adoption is prohibited. This standard will change the Company's accounting treatment for business combinations on a prospective basis.

SFAS No. 160, *Noncontrolling Interests in Consolidated Financial Statements, an Amendment of ARB No. 51*. This Statement establishes accounting and reporting standards for noncontrolling interests in a subsidiary and for the deconsolidation of a subsidiary. Minority interests will be recharacterized as noncontrolling interests and classified as a component of equity. It also establishes a single method of accounting for changes in a parent's ownership interest in a subsidiary and requires expanded disclosures. This statement is effective for fiscal years beginning on or after December 15, 2008, with early adoption prohibited. The Company does not expect the adoption of this Statement will have a material impact on its financial position, results of operations or cash flows.

## **2 Cash and Cash-Equivalents**

Cash and cash-equivalents of \$1,518,000 and \$1,845,000 at March 28, 2009 and March 29, 2008, respectively, consist of overnight deposits.

## **3 Inventories**

Inventories consist of the following:

(Dollars in thousands)	March 28, 2009	March 29, 2008
Raw materials	\$ 3,263	\$ 2,767
Work-in-progress	1,127	1,501
Finished goods	559	369
Demonstration inventory	460	371
Total	<u>\$ 5,409</u>	<u>\$ 5,008</u>

## **4 Selling Expenses**

Selling expenses consist primarily of commissions paid to various marketing agencies. Commission expense totaled \$893,000 and \$1,080,000 for fiscal 2009 and 2008, respectively. Advertising costs, which are expensed as incurred, totaled \$41,000 and \$46,000 for fiscal 2009 and 2008, respectively.

## **5 Significant Customers and Industry Segment Information**

The Company has two reportable segments: Giga-tronics Division and Microsource. Giga-tronics Division produces a broad line of test and measurement equipment used in the development, test and maintenance of wireless communications products and systems, flight navigational equipment, electronic defense systems and automatic testing systems and designs, manufactures, and markets a line of switching devices that link together many specific purpose instruments that comprise automatic test systems. Microsource develops and manufactures a broad line of Yttrium, Iron and Garnet (YIG) tuned oscillators, filters and microwave synthesizers, which are used in a wide variety of microwave instruments or devices.

The accounting policies for the segments are the same as those described in the "Summary of Significant Accounting Policies". The Company evaluates the performance of its segments and allocates resources to them based on earnings before income taxes. Segment net sales include sales to external customers. Inter-segment activities are eliminated in consolidation. Assets include accounts receivable, inventories, equipment, cash, deferred income taxes, prepaid expenses and other long-term assets. The Company accounts for inter-segment sales and transfers at terms that allow a reasonable profit to the seller. During the periods reported there were no significant inter-segment sales or transfers.

The Company's reportable operating segments are strategic business units that offer different products and services. They are managed separately because each business utilizes different technology and requires different accounting systems. The Company's chief operating decision maker is considered to be the Company's Chief Executive Officer ("CEO"). The CEO reviews financial information presented on a consolidated basis accompanied by disaggregated information about revenues and pre-tax income by operating segment. The tables below present information for the fiscal years ended in 2009 and 2008.

<b>March 28, 2009</b> (Dollars in thousands)	Giga-tronics Division	Microsource	<b>Total</b>
Revenue	\$ 11,683	\$ 5,738	\$ <b>17,421</b>
Interest income, net	7	-	7
Depreciation and amortization	137	25	<b>162</b>
(Loss) income from continuing operations before income taxes	(1,451)	1,048	<b>(403)</b>
Assets	6,420	4,369	<b>10,789</b>

March 29, 2008 (Dollars in thousands)	Giga-tronics Division	Microsource	Total
Revenue	\$ 14,546	\$ 3,785	\$ 18,331
Interest income, net	11	25	36
Depreciation and amortization	103	25	128
(Loss) income from continuing operations before income taxes	(265)	64	(201)
Assets	7,193	3,168	10,361

The Company's Giga-tronics Division and Microsource segments sell to agencies of the U.S. government and U.S. defense-related customers. In fiscal 2009 and 2008, U.S. government and U.S. defense-related customers accounted for 61% and 44% of sales, respectively. During fiscal 2009, no customer other than U.S. government agencies and their defense contractors accounted for 10% of the Company's consolidated revenues at March 28, 2009. During fiscal 2008, no customer other than U.S. government agencies and their defense contractors accounted for 10% of the Company's consolidated revenues at March 29, 2008.

Export sales accounted for 23% and 38% of the Company's sales in fiscal 2009 and 2008, respectively. Export sales by geographical area are shown below:

(Dollars in thousands)	<b>March 28, 2009</b>	March 29, 2008
Americas	\$ <b>236</b>	\$ 1,250
Europe	<b>1,783</b>	2,778
Asia	<b>1,456</b>	1,087
Rest of world	<b>456</b>	1,868
Total	<b>\$ 3,931</b>	\$ 6,983

## **6 Loss per Share**

Net loss and shares used in per share computations for the years ended March 28, 2009 and March 29, 2008 are as follows:

(In thousands except per share data)	<b>March 28, 2009</b>	March 29, 2008
Net loss	\$ <b>(330)</b>	\$ (234)
Weighted average:		
Common shares outstanding	<b>4,824</b>	4,813
Potential common shares	-	-
Common shares assuming dilution	<b>4,824</b>	4,813
Net loss per share of common stock	\$ <b>(0.07)</b>	\$ (0.05)
Net loss per share of common stock assuming dilution	\$ <b>(0.07)</b>	\$ (0.05)
Stock options not included in computation	<b>771</b>	856

The number of stock options not included in the computation of diluted earnings per share (EPS) for the periods ended March 28, 2009 and March 29, 2008 are a result of the Company's loss from continuing operations and, therefore, the options are antidilutive.

## **7 Income Taxes**

Following are the components of the provision for income taxes:

Years Ended (In thousands)	March 28, 2009	March 29, 2008
Current		
Federal	\$ -	\$ -
State	2	2
Total current	<u>2</u>	<u>2</u>
Deferred		
Federal	1,182	39
State	423	14
Total deferred	<u>1,605</u>	<u>53</u>
Change in valuation allowance	(1,605)	(53)
Provision for income taxes	<u>\$ 2</u>	<u>\$ 2</u>

The tax effects of temporary differences that give rise to significant portions of the deferred tax assets and liabilities are as follows:

Year Ended (In thousands)	March 28, 2009	March 29, 2008
Net operating loss carryforwards	\$ 12,056	\$ 13,667
Income tax credits	2,076	1,969
Inventory reserves and additional costs capitalized	2,345	2,273
Fixed assets depreciation	149	153
Accrued vacation	112	110
Accrued warranty	76	82
Deferred rent	74	50
Other accrued liabilities	1	201
Future state tax effect	(196)	(203)
Allowance for doubtful accounts	45	41
Total deferred tax assets	<u>16,738</u>	<u>18,343</u>
Valuation allowances	<u>(16,738)</u>	<u>(18,343)</u>
	<u>\$ 0</u>	<u>\$ 0</u>

Years Ended (In thousands except percentages)	March 28, 2009	March 29, 2008
Statutory federal income tax	\$ (112) 34.0%	\$ (79) 34.0%
Valuation allowance	(1,605) 489.4	(53) 22.9
Expiration of net operating losses	1,758 (536.0)	178 (76.8)
State income tax, net of federal benefit	(19) 5.8	(14) 6.0
Non-tax deductible expenses	82 (25.0)	99 (42.7)
Liability for uncertain tax positions	(107) 32.6	(127) 54.9
Other	5 (1.5)	(2) 0.7
Effective income tax	<u>\$ 2 (0.7%)</u>	<u>\$ 2 (1.0%)</u>

The decrease in valuation allowance from March 29, 2008 to March 28, 2009 was \$1,605,000. The decrease in valuation allowance from March 31, 2007 to March 29, 2008 was \$53,000.

As of March 28, 2009 and March 29, 2008, the Company had pre-tax federal net operating loss carryforwards of \$31,979,000 and \$36,778,000 and state net operating loss carryforwards of \$20,281,000 and \$19,910,000 respectively, available to reduce future taxable income. The federal and state net operating loss carryforwards begin to expire from fiscal 2012 through 2029 and from 2013 through 2019, respectively. \$5,640,000 of federal net operating loss carryforwards are subject to an annual IRC Section 382 limitation of approximately \$100,000. At March 28, 2009, the accumulated IRC Section 382 losses available for use are approximately \$898,000. Utilization of net operating loss carryforwards may be

subject to annual limitations due to certain ownership change limitations as required by Internal Revenue Code Section 382. The federal income tax credits begin to expire from 2020 through 2025 and the state income tax credit carryforwards are carried forward indefinitely.

The Company has recorded a valuation allowance to reflect the estimated amount of deferred tax assets, which may not be realized. The ultimate realization of deferred tax assets is dependent upon generation of future taxable income during the periods in which those temporary differences become deductible. Management considers projected future taxable income and tax planning strategies in making this assessment. Based on the historical taxable income and projections for future taxable, management decided to record a full valuation allowance against the net deferred tax assets.

The Company files U.S. federal and California state tax returns. The Company is generally no longer subject to tax examinations for years prior to the fiscal year 2005 for federal purposes and fiscal year 2004 for California purposes, except in certain limited circumstances. The Company does not have any tax audits or other issues pending.

A reconciliation of the beginning and ending amount of the liability for uncertain tax positions, excluding potential interest and penalties, is as follows:

(In thousands)	Fiscal Year 2009
Balance as of March 29, 2008	\$ 297,000
Additions based on current year tax positions	70,000
Reductions for prior year tax positions and lapses of applicable statute	(177,000)
Balance as of March 28, 2009	<u>\$ 190,000</u>

## **8 Stock Options and Employee Benefit Plans**

*Stock Option Plans* The Company established the 2000 Stock Option Plan and the 2005 Equity Incentive Plan, each of which provide for the granting of options for up to 700,000 shares of common stock at 100% of fair market value at the date of grant, with each grant requiring approval by the Board of Directors of the Company. Options granted vest in one or more installments, ranging from 2004 to 2012 and must be exercised while the grantee is employed by the Company or within a certain period after termination of employment. Options granted to employees shall not have terms in excess of 10 years from the grant date. Holders of options may be granted stock appreciation rights (SAR), which entitle them to surrender outstanding options for a cash distribution under certain changes in ownership of the Company, as defined in the stock option plan. As of March 28, 2009, no SAR's have been granted under the option plan. As of March 28, 2009, the total number of shares of common stock available for issuance is 529,975 under the 2000 and 2005 stock option plans. All outstanding options have a term of five years.

A summary of the changes in stock options outstanding for the years ended March 28, 2009 and March 29, 2008 is presented below:

	Shares	Weighted Average Exercise Price	Weighted Average Remaining Contractual Terms (Years)	Average Intrinsic Value
Outstanding at March 31, 2007	840,900	\$ 2.06	3.6	\$ 149,624
Granted	157,000	1.84		
Exercised	15,000	1.47		
Forfeited / Expired	131,250	1.95		
Outstanding at March 29, 2008	851,650	\$ 2.04	3.1	\$ -
Granted	146,500	1.17		
Exercised	-	-		
Forfeited / Expired	227,250	1.96		
<b>Outstanding at March 28, 2009</b>	<b>770,900</b>	<b>\$ 1.90</b>	<b>2.7</b>	<b>\$ -</b>
<b>Exercisable at March 28, 2009</b>	<b>369,577</b>	<b>\$ 2.15</b>	<b>2.0</b>	<b>\$ -</b>

As of March 28, 2009, there was \$354,580 of total unrecognized compensation cost related to nonvested options granted under the plans. That cost is expected to be recognized over a weighted average period of 1.17 years. There were 180,101 options vested during the year ended March 28, 2009. The total fair value of options vested during the year ended March 28, 2009 was \$261,782. No cash received from stock option exercises for the year ended March 28, 2009.

Following is a summary of stock option activity:

	Options Exercisable	Options Outstanding	Weighted Average Fair Value
Outstanding at March 31, 2007	214,750	840,900	\$ 2.06
Exercised		(15,000)	1.47
Forfeited		(131,250)	1.95
Granted		157,000	1.84
Outstanding at March 29, 2008	338,726	851,650	\$ 2.04
Exercised		-	-
Forfeited		(227,250)	1.96
Granted		146,500	1.17
<b>Outstanding at March 28, 2009</b>	<b>369,577</b>	<b>770,900</b>	<b>\$ 1.90</b>

*Employee Stock Purchase Plan* This plan expired in September 2006 and is no longer available.

*401(k) Plans* The Company has established 401(k) plans which cover substantially all employees. Participants may make voluntary contributions to the plans for up to 20% of their defined compensation. The Company matches a percentage of the participant's contributions in accordance with the plan. Participants vest ratably in Company contributions over a four-year period. Company contributions to the plans for fiscal 2009 and 2008 were approximately \$2,000 and \$5,000, respectively.

## **9 Commitments**

The Company leases a 47,300 square foot facility located in San Ramon, California, under a twelve-year lease that commenced in April 1994, which was amended in July 2005 and now expires December 31, 2011. The Company leases a 33,400 square foot facility located in Santa Rosa, California, under a twenty-year lease that commenced in July 1993 and was amended in April 2003, to now expire May 31, 2013. The amendment resulted in a reduction of lease space and monthly lease costs.

The property located in Fremont, California with approximately 18,700 square feet was previously occupied by ASCOR under a lease that expires on June 30, 2009. The Company effectively vacated this property as part of its restructuring plan as of March 31, 2007. The Company has an accrued loss of approximately \$86,276 for future lease expense, net of estimated future sub-lease rental income. All of the above activities are conducted in the San Ramon facility effective April 1, 2007. As of March 28, 2009, the Company has not sub-leased the available space.

These facilities accommodate all of the Company's present operations. The Company also leases other equipment under operating leases.

Total future minimum lease payments under these leases amount to approximately \$3,487,000.

Fiscal year (Dollars in thousands)	
2010	\$ 1,067
2011	1,066
2012	898
2013	391
2014	65
Thereafter	-
	<u>\$ 3,487</u>

The aggregate rental expense was \$1,109,000 and \$1,031,000 in fiscal 2009 and 2008, respectively.

The Company leases equipment under capital leases that expire through September 2012. The future minimum lease payments under these leases amount to approximately \$45,000.

The Company is committed to purchase certain inventory under non-cancelable purchase orders. As of March 28, 2009, total non-cancelable purchase orders were approximately \$1,152,000 through fiscal 2010 and \$202,000 beyond fiscal 2010 and were scheduled to be delivered to the Company at various dates through May 2010.

## **10 Warranty Obligations**

The Company records a liability for estimated warranty obligations at the date products are sold. Adjustments are made as new information becomes available. The following provides a reconciliation of changes in the Company's warranty reserve. The Company provides no other guarantees.

(Dollars in thousands)	March 28, 2009	March 29, 2008
Balance at beginning of period	\$ 190	\$ 207
Provision, net	179	160
Warranty costs incurred	<u>(192)</u>	<u>(177)</u>
Balance at end of period	<u>\$ 177</u>	<u>\$ 190</u>

## **11 Restructuring**

In an effort to improve results and make optimal use of its resources, effective April 1, 2008, Giga-tronics integrated all ASCOR and Giga-tronics Division engineering and manufacturing activities at the San Ramon, California facility. The Microsource subsidiary, located in Santa Rosa, California, remains strictly a manufacturing operation, with all product development work being performed in San Ramon. Included in the operating expenses for fiscal 2008 was a one-time restructuring charge of \$73,000 to reserve the remaining lease obligation on the Fremont facility and \$80,000 in severance costs, for a total of \$153,000.

## **12 Line of Credit**

On June 20, 2005, the Company executed a commitment letter with a financial institution for a secured revolving line of credit for \$2,500,000. The maximum amount that can be borrowed is limited to 80% of trade receivables, plus 25% of raw material and finished goods inventory up to \$500,000. Interest is payable at prime plus 1%. The Company is required to comply with certain financial covenants under the arrangement. The Company has re-negotiated a new line of credit effective June 17, 2008, which expires on June 16, 2009. At March 28, 2009, the Company is in compliance with the covenants relating to the line of credit.

## REPORT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

The Board of Directors and Shareholders  
Giga-tronics Incorporated

We have audited the accompanying consolidated balance sheets of Giga-tronics Incorporated and subsidiary (the "Company") as of March 28, 2009 and March 29, 2008 and the related consolidated statements of operations, changes in shareholders' equity and cash flows for the years then ended. These consolidated financial statements are the responsibility of the Company's management. Our responsibility is to express an opinion on these consolidated financial statements based on our audits.

We conducted our audits in accordance with the standards of the Public Company Accounting Oversight Board (United States). Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audits provide a reasonable basis for our opinion.

In our opinion, the consolidated financial statements referred to above present fairly, in all material respects, the consolidated financial position of Giga-tronics Incorporated and subsidiary as of March 28, 2009 and March 29, 2008, and the results of their operations and their cash flows for each of the fiscal years then ended in conformity with accounting principles generally accepted in the United States of America.

/s/ Perry-Smith LLP

San Francisco, California  
May 14, 2009

## **ITEM 9. CHANGES IN AND DISAGREEMENTS WITH ACCOUNTANTS ON ACCOUNTING AND FINANCIAL DISCLOSURES**

None.

### **ITEM 9A. CONTROLS AND PROCEDURES**

#### **Disclosure controls and procedures**

The Company carried out an evaluation, under the supervision and with the participation of the Company's management, including the Company's Chief Executive Officer and Chief Financial Officer, of the effectiveness, as of March 28, 2009, of the design and operation of the Company's disclosure controls and procedures as defined in Rule 13a-15(e) and 15d-15(e) promulgated under the Exchange Act. Disclosure controls and procedures are controls and other procedures that are designed to ensure that information required to be disclosed in our reports filed under the Exchange Act, such as this Annual Report on Form 10-K, is recorded, processed, summarized and reported within the time periods specified by the SEC. Disclosure controls and procedures are also designed to ensure that such information is accumulated and communicated to our management, including our Chief Financial Officer and Chief Executive Officer, as appropriate to allow timely decisions regarding required disclosure. Based upon that evaluation, the Company's principal executive and financial officers concluded that the Company's disclosure controls and procedures were effective, as of March 28, 2009.

#### **Report of Management on Internal Control over Financial Reporting**

Management of Giga-tronics is responsible for establishing and maintaining adequate internal control over financial reporting for the Company, as such term is defined in Rule 13a-15(f) under the Securities Exchange Act of 1934. The Company's management, under the supervision of the Chief Executive Officer and Chief Financial Officer, has assessed the effectiveness of the Company's internal control over financial reporting as of March 28, 2009. In making this assessment, management used the criteria set forth by the Committee of Sponsoring Organizations of the Treadway Commission in Internal Control-Integrated Framework. Our internal control over financial reporting includes policies and procedures designed to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external reporting purposes in accordance with United States generally accepted accounting principles and that:

- pertain to the maintenance of records that in reasonable detail accurately and fairly reflect the transactions and dispositions of the assets of the Company;
- provide reasonable assurance that transactions are recorded as necessary to permit preparation of financial statements in accordance with generally accepted accounting principles, and that receipts and expenditures of the Company are being made only in accordance with authorizations of management and directors of the Company; and
- provide reasonable assurance regarding prevention or timely detection of unauthorized acquisition, use or disposition of the Company's assets that could have a material effect on the financial statements.

Based on this assessment, management concluded that, as of March 28, 2009, the Company's internal control over financial reporting was effective based on those criteria.

This annual report does not include an attestation report of the Company's independent registered public accounting firm regarding internal control over financial reporting. Management's report was not subject to attestation by the Company's independent registered public accounting firm pursuant to temporary rules of the Securities and Exchange Commission that permit the Company to provide only management's report in this annual report.

#### **Changes in internal controls**

There was no change in the Company's internal control over financial reporting identified in connection with the evaluation required by Rule 15d-15 that occurred during the year ended March 28, 2009 that has materially affected or is reasonably likely to materially affect, the Company's internal control over financial reporting.

### **ITEM 9B. OTHER INFORMATION**

The Company is not aware of any information required to be reported on Form 8-K that has not been previously reported.



## PART III

### ITEM 10. DIRECTOR, EXECUTIVE OFFICERS AND CORPORATE GOVERNANCE

Information regarding Directors of the Company is set forth under the heading “Election of Directors” of the Company’s Proxy Statement for its 2009 Annual Meeting of Shareholders, incorporated herein by reference. This Proxy Statement is to be filed no later than 120 days after the close of the fiscal year ended March 28, 2009.

#### EXECUTIVE OFFICERS

<u>NAME</u>	<u>AGE</u>	<u>POSITION</u>
John R. Regazzi	54	Chief Executive Officer and a Director of the Company since April 2006. Mr. Regazzi had been President and General Manager of Instrument Division since September 2005, and prior to that, was Vice President of Operations for Instrument Division from October 2004 through September 2005. Prior to that, he was Vice President of Engineering for Instrument Division from June 2001 through October 2004. Previous experience includes 22 years at Hewlett Packard and Agilent Technologies in various design and management positions associated with their microwave sweeper and synthesizer product lines. His final position at Agilent Technologies was as a senior engineering manager.
Patrick J. Lawlor	58	Vice President, Finance, Chief Financial Officer and Secretary of Giga-tronics, Inc. since February 2007. Mr. Lawlor was previously a Consultant to PDL BioPharma, Inc, and before that was the Vice President, Chief Financial Officer at SaRonix, LLC, a \$90 million private company with international facilities. Prior to that he was the Chief Financial Officer with Aerojet Fine Chemicals, LLC, a \$65 million subsidiary of GenCorp, and Vice President of Finance with Systems Chemistry, Inc. Mr. Lawlor spent 23 years with Westinghouse Electric Corporation, where he rose through numerous positions among various divisions, with his final position as Vice President of Finance and Controller.
Jeffrey T. Lum	63	President and a Director of the Board of ASCOR (now a division of the Company) since November 1987. Mr. Lum founded ASCOR in 1987 and has been President since inception. He was a founder and Vice President of Autek Systems Corporation, a manufacturer of precision waveform analyzers. Mr. Lum serves as Treasurer and a member of the Board of Directors for the Santa Clara Aquamaids, a non-profit organization dedicated to advancing athletes in synchronized swimming to the Olympics games.
Malcolm E. Levy	59	Mr. Levy has over 25 years of Sales and Marketing experience in the Test & Measurement industry. His career started in sales with Racal Instruments in the U.K. A background in RF and Communications made him an ideal candidate to move the to U.S. and become the sales and marketing manager for all UK manufactured instruments, including low noise fast switching synthesizers. His final position at Racal Instruments after 20 years of service was Executive Vice President, Sales and Marketing. Since leaving Racal in 2001 he has helped wireless test companies grow their international sales business.

Our Code of Ethics is posted on our website, [www.gigatronics.com](http://www.gigatronics.com), under the links for “Investor Relations – Corporate Governance”.

## **ITEM 11. EXECUTIVE COMPENSATION**

Information regarding the Company's compensation of its executive officers is set forth under the heading "Executive Compensation" of the Company's Proxy Statement for its 2009 Annual Meeting of Shareholders, incorporated herein by reference. This Proxy Statement is to be filed no later than 120 days after the close of the fiscal year ended March 28, 2009.

## **ITEM 12. SECURITY OWNERSHIP OF CERTAIN BENEFICIAL OWNERS AND MANAGEMENT AND RELATED SHAREHOLDER MATTERS**

Information regarding security ownership of certain beneficial owners and management is set forth under the heading "Stock Ownership of Certain Beneficial Owners and Management" of the Company's Proxy Statement for its 2009 Annual Meeting of Shareholders, incorporated herein by reference. Information about securities authorized for issuance under equity compensation plans is set forth under the heading "Equity Compensation Plan Information" of its Proxy Statement for the 2009 Annual Meeting of Shareholders, incorporated herein by reference. This Proxy Statement is to be filed no later than 120 days after the close of the fiscal year ended March 28, 2009.

## **ITEM 13. CERTAIN RELATONSHIPS AND RELATED TRANSACTIONS, AND DIRECTOR INDEPENDENCE**

Information set forth in the Proxy Statement under the section captioned "Transactions with Management and Others" is incorporated herein by reference. This Proxy Statement is to be filed no later than 120 days after the close of the fiscal year ended March 28, 2009.

## **ITEM 14. PRINCIPAL ACCOUNTANT FEES AND SERVICES**

Perry-Smith LLP served as the independent registered public accounting firm for Giga-tronics for the fiscal year ended March 29, 2008.

### Audit Fees

Perry-Smith LLP fees for audit services for fiscal 2009 were \$170,000 and for fiscal 2008 were \$160,000.

### Audit-Related Fees

Perry-Smith LLP fees for audit-related services were \$3,000 for fiscal 2009 and \$2,000 for 2008.

### Tax Fees

There were no Perry-Smith LLP fees for tax services for fiscal 2009 or 2008.

### All Other Fees

We did not incur any fees payable to Perry-Smith LLP for other professional services in fiscal 2009 or 2008.

### Audit Committee Pre-Approval Policy

Our Audit Committee has not pre-approved any type or amount of non-audit services by the independent accountants.

## **PART IV**

### **ITEM 15. EXHIBITS AND FINANCIAL STATEMENT SCHEDULES**

- (a) The following consolidated financial statements of Giga-tronics Incorporated and subsidiaries and the related independent registered public accounting firm are filed herewith:

#### INDEX TO FINANCIAL STATEMENTS AND SCHEDULES

<u>Consolidated Financial Statements:</u>	<u>Page</u>
Consolidated Balance Sheets as of March 28, 2009 and March 29, 2008	22
Consolidated Statements of Operations for the years ended March 28, 2009 and March 29, 2008	23
Consolidated Statements of Stockholders Equity for the years ended March 28, 2009 and March 29, 2008	24
Consolidated Statements of Cash Flows for the years ended March 28, 2009 and March 29, 2008	25
Notes to Consolidated Financial Statements	26 – 34
Report of Independent Registered Public Accounting Firm	35

The following exhibits are filed by reference or herewith as a part of this report:

#### INDEX TO EXHIBITS

- 3.1 Articles of Incorporation of the Registrant, as amended, previously filed as Exhibit 3.1 to Form 10-KSB for the fiscal year ended March 27, 1999 and incorporated herein by reference.
- 3.2 Amended and Restated Bylaws of Giga-tronics Incorporated, as amended on March 7, 2008, previously filed as Exhibit 3.2 to Form 10-K for the fiscal year ended March 29, 2008, and incorporated herein by reference.
- 10.1 Standard form Indemnification Agreement for Directors and Officers, previously filed on June 21, 1999, as Exhibit 10.2 to Form 10-KSB for the fiscal year ended March 27, 1999 and incorporated herein by reference. \*
- 10.2 Lease between Giga-tronics Incorporated and Calfront Associates for 4650 Norris Canyon Road, San Ramon, CA, dated December 6, 1993, previously filed as Exhibit 10.12 to Form 10-KSB for the fiscal year ended March 26, 1994 and incorporated herein by reference.
- 10.3 2000 Stock Option Plan and form of Incentive Stock Option Agreement, previously filed on September 8, 2000 as Exhibit 99.1 to Form S-8 (33-45476) and incorporated herein by reference. \*
- 10.4 2005 Equity Incentive Plan incorporated herein by reference to Attachment A of the Registrant's Proxy Statement filed July 21, 2005. \*
- 21 Significant Subsidiaries. (See page 42 of this Annual Report of Form 10-K.)
- 23.1 Consent of Independent Registered Public Accounting Firm, Perry-Smith LLP. (See page 43 of this Annual Report on Form 10-K.)
- 31.1 Certification of Chief Executive Officer under Section 302 of the Sarbanes-Oxley Act of 2002. (See page 44 of this Annual Report on Form 10-K.)
- 31.2 Certification of Chief Financial Officer under Section 302 of the Sarbanes-Oxley Act of 2002. (See page 45 of this Annual Report on Form 10-K.)
- 32.1 Certification of Chief Executive Officer Pursuant to 18 U.S.C. Section 1350, as Adopted Pursuant to Section 906 of the Sarbanes-Oxley Act of 2002. (See page 46 of this Annual Report on Form 10-K.)
- 32.2 Certification of Chief Financial Officer Pursuant to 18 U.S.C. Section 1350, as Adopted Pursuant to Section 906 of the Sarbanes-Oxley Act of 2002. (See page 47 of this Annual Report on Form 10-K.)

\* Management contract or compensatory plan or arrangement.

## SIGNATURES

In accordance with the requirements of Section 13 or 15(d) of the Securities Exchange Act, the Registrant caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

GIGA-TRONICS INCORPORATED

/s/ JOHN R. REGAZZI

Chief Executive Officer

In accordance with the requirements of the Securities Exchange Act, this annual report on Form 10-K has been signed below by the following persons on behalf of the Registrant and in the capacities and on the dates indicated.

/s/ GARRETT A. GARRETTSON  
Garrett A. Garrettson

Chairman of the Board  
of Directors

5/14/2009  
Date

/s/ JOHN R. REGAZZI  
John R. Regazzi

Chief Executive Officer  
(Principal Executive Officer)  
and Director

5/14/2009  
Date

/s/ PATRICK J. LAWLOR  
Patrick J. Lawlor

Vice President, Finance/  
Chief Financial Officer & Secretary  
(Principal Financial Officer)

5/14/2009  
Date

/s/ GEORGE H. BRUNS, JR.  
George H. Bruns, Jr.

Director

5/14/2009  
Date

/s/ JAMES A. COLE  
James A. Cole

Director

5/12/2009  
Date

/s/ KENNETH A. HARVEY  
Kenneth A. Harvey

Director

5/13/2009  
Date

/s/ ROBERT C. WILSON  
Robert C. Wilson

Director

5/12/2009  
Date

EXHIBIT 21

SIGNIFICANT SUBSIDIARIES

<u>Name</u>	<u>Jurisdiction of incorporation</u>
Microsource, Inc.	California

EXHIBIT 23.1

CONSENT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

Board of Directors  
Giga-tronics Incorporated  
San Ramon, California

We consent to the incorporation by reference in the Registration Statements Nos. 333-45476, 333-34719, 333-48889, 333-39403, 333-69688 and 333-135578 on Form S-8 of Giga-tronics Incorporated of our report dated May 14, 2009, relating to our audit of the consolidated financial statements, which report appears elsewhere in this Annual Report on Form 10-K of Giga-tronics Incorporated for the year ended March 28, 2009.

/s/ Perry-Smith LLP

San Francisco, California  
May 14, 2009

## EXHIBIT 31.1

### **CERTIFICATIONS UNDER SECTION 302 OF THE SARBANES-OXLEY ACT OF 2002**

I, John R. Regazzi, certify that:

1. I have reviewed this Annual Report on Form 10-K of Giga-tronics, 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)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
  - (a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
  - (b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
  - (c) Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
  - (d) Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
5. The registrant's other certifying officer(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: 5/14/09

/s/ JOHN R. REGAZZI

John R. Regazzi  
Chief Executive Officer



EXHIBIT 31.2

**CERTIFICATIONS UNDER SECTION 302 OF THE SARBANES-OXLEY ACT OF 2002**

I, Patrick J. Lawlor, certify that:

1. I have reviewed this Annual Report on Form 10-K of Giga-tronics, 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)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
  - (a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
  - (b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
  - (c) Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
  - (d) Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
5. The registrant's other certifying officer(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: 5/14/09

/s/ PATRICK J. LAWLOR  
Patrick J. Lawlor  
Vice President Finance/  
Chief Financial Officer & Secretary

EXHIBIT 32.1

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

In connection with the Annual Report of Giga-tronics Incorporated (the "Company") on Form 10-K for the period ending March 29, 2008, as filed with the Securities and Exchange Commission on the date hereof (the "Report"), I, John R. Regazzi, Chief Executive Officer of the Company, certify, pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, that:

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

Date: 5/14/09

/s/ JOHN R. REGAZZI

John R. Regazzi  
Chief Executive Officer

EXHIBIT 32.2

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

In connection with the Annual Report of Giga-tronics Incorporated (the "Company") on Form 10-K for the period ending March 29, 2008, as filed with the Securities and Exchange Commission on the date hereof (the "Report"), I, Patrick J. Lawlor, Vice President, Finance, Chief Financial Officer and Secretary of the Company, certify, pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, that:

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

Date: 5/14/09

/s/ PATRICK J. LAWLOR

Patrick J. Lawlor  
Vice President Finance,  
Chief Financial Officer & Secretary

[This Page Intentionally Left Blank]





# CORPORATE INFORMATION

## BOARD OF DIRECTORS

George H. Bruns, Jr.

James A. Cole <sup>2,3</sup>  
General Partner, Windward Ventures  
General Partner, Spectra Enterprises

Garrett A. Garrettson <sup>1</sup>  
Chairman of the Board  
President, Garrettson Consulting

Kenneth A. Harvey <sup>1,2</sup>  
President, Peak Consulting Group

John R. Regazzi  
Chief Executive Officer

Robert C. Wilson <sup>1,2,3</sup>  
Former Chairman, Wilson & Chambers

<sup>1</sup> Member, Compensation Committee

<sup>2</sup> Member, Audit Committee

<sup>3</sup> Member, Nominating Committee

## EXECUTIVE OFFICERS

John R. Regazzi  
Chief Executive Officer

Patrick J. Lawlor  
Vice President, Finance  
Chief Financial Officer & Secretary

Jeffrey T. Lum  
Chief Technology Officer

Malcolm E. Levy  
Vice President, Sales & Marketing

## FORM 10-K

A copy of the Company's complete annual report on Form 10-K for fiscal year 2009, filed with the Securities and Exchange Commission, may be obtained without charge by a written request to:

Corporate Secretary  
Giga-tronics Incorporated  
4650 Norris Canyon Road  
San Ramon, CA 94583 USA

## HEADQUARTERS

Giga-tronics Incorporated  
4650 Norris Canyon Road  
San Ramon, CA 94583  
Tel. (925) 328-4650  
Fax. (925) 328-4700  
[www.gigatronics.com](http://www.gigatronics.com)

## SUBSIDIARIES

Microsource, Inc  
1269 Corporate Center Parkway  
Santa Rosa, CA 94507  
Tel. (707) 527-7010  
Fax. (707) 527-7176  
[www.gigatronics.com](http://www.gigatronics.com)

## INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

Perry-Smith LLP  
575 Market Street, Suite 3300  
San Francisco, CA 94105  
[www.perry-smith.com](http://www.perry-smith.com)

## LEGAL COUNSEL

Bingham McCutchen  
Three Embarcadero Center  
San Francisco, CA 94111  
[www.bingham.com](http://www.bingham.com)

## TRANSFER AGENT

American Stock Transfer & Trust Company  
59 Maiden Lane, Plaza Level  
New York, NY 10038  
[www.amstock.com](http://www.amstock.com)

## ANNUAL MEETING

The Company's Annual Meeting of Shareholders will be held at 9:30 a.m. on August 18, 2009 at Giga-tronics' corporate office located at 4650 Norris Canyon Road, San Ramon, CA 94583 USA



***Giga-tronics***

*4650 NORRIS CANYON ROAD*

*SAN RAMON, CALIFORNIA 94583*

*TEL. (925) 328-4650*

*FAX. (925) 328-4700*

*WWW.GIGATRONICS.COM*

---