

CTS CORP
Form 10-K
February 24, 2012
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UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, D.C. 20549
FORM 10-K

(Mark One)

☒ ANNUAL REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934
For The Fiscal Year Ended December 31, 2011

OR

☐ TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934
Commission File Number: 1-4639

CTS CORPORATION

(Exact name of registrant as specified in its charter)

Indiana
(State or other jurisdiction of
incorporation or organization)

35-0225010
(IRS Employer
Identification Number)

905 West Boulevard North, Elkhart, IN
(Address of principal executive offices)
Registrant's telephone number, including area code: 574-523-3800

46514
(Zip Code)

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

<u>Title of Each Class</u>	<u>Name of Each Exchange on Which Registered</u>
Common stock, without par value	New York Stock Exchange

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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 ☒

Indicate by check mark if the registrant is not required to file reports pursuant to Section 13 or 15(d) of the Exchange Act. Yes ☐ No ☒

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

Indicate by check mark whether the registrant has submitted electronically and posted on its corporate Web site, if any, every Interactive Data File required to be submitted and posted pursuant to Rule 405 of Regulation S-T (§ 232.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit and post such files). Yes ☒ No ☐

Indicate by check mark 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. ☐

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

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

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

The aggregate market value of the voting and non-voting stock held by non-affiliates of CTS Corporation, based upon the closing sales price of CTS common stock on July 1, 2011, was approximately \$334 million. There were 34,198,889 shares of common stock, without par value, outstanding on February 20, 2012.

DOCUMENTS INCORPORATED BY REFERENCE

- (1) Portions of the 2011 Annual Report to Shareholders are incorporated herein by reference in Part II.
- (2) Portions of the Proxy Statement to be filed for the annual meeting of shareholders to be held on or about May 23, 2012 are incorporated by reference in Part III.

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Forward-Looking Statements

This document contains statements that are, or may be deemed to be, forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995. These forward-looking statements include, but are not limited to, any financial or other guidance, statements that reflect our current expectations concerning future results and events, and any other statements that are not based solely on historical fact. Forward-looking statements are based on management's expectations, certain assumptions and currently available information. Readers are cautioned not to place undue reliance on these forward-looking statements, which speak only as of the date hereof and are based on various assumptions as to future events, the occurrence of which necessarily are subject to uncertainties. These forward-looking statements are made subject to certain risks, uncertainties and other factors, which could cause our actual results, performance or achievements to differ materially from those presented in the forward-looking statements. Examples of factors that may affect future operating results and financial condition include, but are not limited to: changes in the economy generally and in respect to the businesses in which CTS operates; rapid technological change; general market conditions in the automotive, communications, and computer industries, as well as conditions in the industrial, defense and aerospace, and medical markets; reliance on key customers; unanticipated natural disasters or other events such as the Japan earthquake and the Thailand flood; the ability to protect our intellectual property; pricing pressures and demand for our products; and risks associated with our international operations, including trade and tariff barriers, exchange rates and political and geopolitical risks. Many of these, and other, risks and uncertainties are discussed in further detail in Item 1.A of this Annual Report on Form 10-K. We undertake no obligation to publicly update our forward-looking statements to reflect new information or events or circumstances that arise after the date hereof, including market or industry changes.

PART I

Item 1. Business

CTS Corporation (CTS, we, our, us or the Company) is a global manufacturer of electronic components and sensors and a supplier of electronic manufacturing services. CTS was established in 1896 as a provider of high-quality telephone products and was incorporated as an Indiana corporation in February 1929. Our principal executive offices are located in Elkhart, Indiana.

We design, manufacture, assemble, and sell a broad line of electronic components and sensors and provide electronics manufacturing services primarily to original equipment manufacturers (OEMs) for the automotive, communications, defense and aerospace, medical, industrial and computer markets. We operate manufacturing facilities located throughout North America, Asia and Europe and serve major markets globally. Sales and marketing are accomplished through our sales engineers, independent manufacturers' representatives and distributors.

SEGMENTS AND PRODUCTS BY MAJOR MARKETS

We have two reportable segments: 1) Components and Sensors and 2) Electronics Manufacturing Services (EMS).

Components and sensors are products that perform specific electronic functions for a given product family and are intended for use in customer assemblies. Components and sensors consist principally of automotive sensors and actuators used in commercial or consumer vehicles; electronic components used in communications infrastructure and computer markets; components used in computer and other high-speed applications, switches, resistor networks, and potentiometers used to serve multiple markets; and fabricated piezoelectric materials and substrates used primarily in medical, industrial, defense and aerospace, and computer markets.

EMS includes the higher level assembly of electronic and mechanical components into a finished subassembly or assembly performed under a contract manufacturing agreement with an OEM or other contract manufacturer. Additionally, for some customers, we provide full turnkey manufacturing and completion including design, supply chain management, logistics and repair. Products from the EMS segment are principally sold in the communications, defense and aerospace, industrial, medical, and computer OEM markets. Other smaller markets include OEM customers in consumer electronics, instruments and controls, and networking.

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The following tables provide a breakdown of net sales by segment and market as a percent of consolidated net sales:

	Components & Sensors			EMS			Total		
(As a % of consolidated net sales)	2011	2010	2009	2011	2010	2009	2011	2010	2009
Markets									
Automotive	29%	32%	27%	%	%	%	29%	32%	27%
Communications	6%	7%	7%	16%	16%	14%	22%	23%	21%
Computer	1%	2%	1%	2%	2%	5%	3%	4%	6%
Medical	2%	2%	1%	5%	5%	8%	7%	7%	9%
Industrial	6%	5%	%	13%	10%	10%	19%	15%	10%
Defense and Aerospace	2%	2%	2%	17%	15%	20%	19%	17%	22%
Other	1%	1%	5%	%	1%	%	1%	2%	5%
% of consolidated net sales	47%	51%	43%	53%	49%	57%	100%	100%	100%

Net sales to external customers, segment operating earnings, total assets by segment, net sales by geographic area and long-lived assets by geographic area are contained in Note L, Segments, appearing in the notes to the consolidated financial statements as noted in the Index appearing under Item 15(a)(1) and (2), which is incorporated herein by reference.

The following table identifies major products by their segment and markets. Many products are sold in several OEM markets:

Product Description	Automotive Market	Communications Market	Computer Market	Medical Market	Industrial Market	Defense and Aerospace Market	Other Markets
Components and Sensors:							
Ceramic Filters and Duplexers							
Quartz Crystals, Clocks, Precision Oscillators and Frequency Modules							
Sensors and Actuators							
Resistor Networks							
DIP Switches and Potentiometers							
Piezoelectric and Piezoceramics Products							
Electromagnetic Interference and Radio Frequency Interference Filters							
EMS:							
Integrated Interconnect Systems and Backpanels, including Final Assembly and Test							
Complex Printed Circuit Board Assemblies							

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MARKETING AND DISTRIBUTION

Sales and marketing to OEMs, for both segments, is accomplished through our sales engineers, independent manufacturers' representatives, and distributors. We maintain sales offices in China, Japan, Scotland, Singapore, India, Taiwan, and the United States. Approximately 87% of 2011 net sales were attributable to coverage by our sales engineers.

Our sales engineers generally service the largest customers with application-specific products. The sales engineers work closely with major customers in designing and developing products to meet specific customer requirements.

We utilize the services of independent manufacturers' representatives in the United States and other countries for customers not serviced directly by our sales engineers for both of our segments. Independent manufacturers' representatives receive commissions from CTS. During 2011, approximately 9% of net sales were attributable to coverage by independent manufacturers' representatives. We also use independent distributors in our Components and Sensors segment. Independent distributors purchase component and sensor products from CTS for resale to customers. In 2011, independent distributors accounted for approximately 4% of net sales.

RAW MATERIALS

We utilize a wide variety of raw materials and purchased parts in our manufacturing processes. The following are the most significant raw materials and purchased components, identified by segment:

Components	Conductive inks and contactor, passive electronic components, integrated circuits and semiconductors, certain rare earth elements (REEs), ceramic components, plastic components, molding compounds, printed circuit boards and
and Sensors:	assemblies, quartz blanks and crystals, wire harness assemblies, copper, brass, and steel-based raw materials and components.
EMS:	Power supplies and converters, prefabricated steel, printed circuit boards, passive electronic components and semiconductors, integrated circuits, connectors, cables, and modules.

These raw materials are purchased from several vendors, and, except for certain semiconductors, REEs, and conductive inks, we do not believe we are dependent upon one or a limited number of vendors. Although we purchase all of our semiconductors, REEs, and conductive inks from a limited number of vendors, alternative sources are available. During 2011, the global demand for certain REEs that we purchase exceeded the global supply. However, this REEs demand/supply imbalance did not have a material impact on our financial results for the year ended December 31, 2011.

We do not currently anticipate any significant raw material shortages that would slow production. However, the lead times between the placement of orders for certain raw materials and purchased parts and actual delivery to us may vary. Occasionally we may need to order raw materials in greater quantities and at higher than optimal prices to compensate for the variability of lead times for delivery.

Precious metal and REE prices may have a significant effect on the cost and selling price of many of our products, particularly some ceramic filters, sensors, resistor networks, and switches.

PATENTS, TRADEMARKS, AND LICENSES

We maintain a program of obtaining and protecting U.S. and non-U.S. patents relating to products that we have designed and manufactured, as well as processes and equipment used in our manufacturing technology. We were issued nine new U.S. patents and 16 non-U.S. counterpart patents in 2011 and currently hold 184 U.S. patents and 133 non-U.S. counterpart patents. Patents have a greater impact on the Components and Sensors segment than on the EMS segment, which does not rely significantly on any patent. We have 10 registered U.S. trademarks and 30 foreign counterparts.

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We have licensed the right to use several of our patents to both U.S. and non-U.S. companies. In 2011, license and royalty income was less than 1% of net sales.

MAJOR CUSTOMERS

Our 15 largest customers represented 48% of net sales in 2011 and 2010 and 51% of net sales in 2009. No single customer represented more than 10% of net sales in 2011, 2010 or 2009.

The Company continues to broaden its customer base. Changes in the level of our customers' orders have, in the past, had a significant impact on our operating results. If a major customer reduces the amount of business it does with us, or substantially changes the terms of that business, there could be an adverse impact on our operating results.

Additionally, we expect to continue to depend on sales to our major customers. Because our customers are under no obligation to continue to do business with us on a long-term basis, there is always the possibility that one or more customers may choose to work with a competitor and reduce their business with us. Customers may also reduce or delay their business with us because of economic or other conditions or decisions that reduce their need for our products or services. Since it is difficult to replace lost business on a timely basis, it is likely that our operating results would be adversely affected if one or more of our major customers were to cancel, delay, or reduce a large amount of business with us in the future. If one or more of our customers were to become insolvent or otherwise unable to pay for our products and/or services, our operating results, financial condition, and cash flows could be adversely affected.

ORDER BACKLOG

Order backlog may not provide an accurate indication of present or future revenue levels for the Company. For many Components and Sensors and EMS products, the period between receipt of orders and expected delivery is relatively short. Additionally, large orders from major customers may include backlog covering an extended period of time. Production scheduling and delivery for these orders could be changed or canceled by the customer on relatively short notice.

The following table shows order backlog by segment and in total as of January 29, 2012, and January 30, 2011.

(\$ in millions)	January 29, 2012	January 30, 2011
Components and Sensors	\$ 40.6	\$ 38.9
EMS	84.0	99.3
Total	\$ 124.6	\$ 138.2

Order backlog as of the month-end of January will generally be filled during the same fiscal year.

COMPETITION

In the Components and Sensors segment, we compete with many U.S. and non-U.S. manufacturers principally on the basis of product features, price, technology, quality, reliability, delivery, and service. Most of our product lines encounter significant global competition. The number of significant competitors varies from product line to product line. No one competitor competes with us in every product line, but many competitors are larger and more diversified than CTS. Some competitors are also our customers for Components and Sensors and EMS products.

In the EMS segment, we compete with a number of well-established U.S. and non-U.S. manufacturers on the basis of process capability, price, technology, quality, reliability, and delivery in the markets in which we participate. Some of our competitors have greater manufacturing and financial resources than CTS. However, we generally do not pursue extremely high volume or highly price-sensitive business, as some of our larger competitors do.

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In both the Components and Sensors and EMS segments, some customers have reduced or plan to reduce their number of suppliers, while increasing the volume of their purchases. Most customers are demanding higher quality, reliability, and delivery standards from us as well as our competitors. These trends create opportunities for us, but also increase the risk of loss of business to competitors. We are subject to competitive risks that represent the nature of the electronics industry, including short product life cycles and technical obsolescence.

We believe we compete most successfully in custom products manufactured to meet specific applications of major OEMs and with EMS products oriented toward high mix and low-to-medium volume outsourcing needs of OEMs.

NON-U.S. REVENUES

In 2011, 37% of net sales to external customers originated from non-U.S. operations compared to 44% in 2010 and 45% in 2009. At December 31, 2011, approximately 44% of total assets were located at non-U.S. operations. At December 31, 2010 and 2009, total assets that were located at non-U.S. operations were approximately 40%. A substantial portion of these assets, other than cash and cash equivalents, cannot readily be liquidated. We believe the business risks to our non-U.S. operations, though substantial, are normal risks for global businesses. These risks include currency controls and changes in currency exchange rates, longer collection cycles, political and transportation risks, economic downturns and inflation, government regulations and expropriation. Our non-U.S. manufacturing facilities are located in Canada, China, Czech Republic, Mexico, Scotland, Singapore, Switzerland, Taiwan, and Thailand.

Net sales to external customers originating from non-U.S. operations for the Components and sensors segment were \$193.3 million in 2011 compared to \$202.2 million in 2010, and \$163.8 million in 2009. Net sales to external customers originating from non-U.S. operations for the EMS segment were \$27.2 million in 2011, compared to \$39.9 million in 2010, and \$60.8 million in 2009. Additional information about net sales to external customers, operating earnings and total assets by segment, and net sales by geographic area and long-lived assets by geographic area, is contained in Note L, Segments, appearing in the notes to the consolidated financial statements as noted in the Index appearing under Item 15 (a) (1) and (2), which is incorporated herein by reference.

RESEARCH AND DEVELOPMENT ACTIVITIES

In 2011, we spent \$20.0 million for research and development activities compared to \$18.3 million in 2010 and \$14.2 million in 2009. Ongoing research and development activity in the Components and Sensors segment is primarily focused on expanded applications and new product development, as well as current product and process enhancements. Research and development expenditures in the EMS segment are typically very low.

We believe a strong commitment to research and development is required for future growth in the Components and Sensors segment. Most of our research and development activities relate to developing new, innovative products and technologies, improving product flow, and adding product value to meet the current and future needs of our customers. We provide our customers with full systems support to ensure quality and reliability through all phases of design, launch, and manufacturing to meet or exceed customer requirements. Many such research and development activities benefit one or a limited number of customers or potential customers. All research and development costs are expensed as incurred.

EMPLOYEES

We employed 4,234 people at December 31, 2011, with 70% of these people located outside the United States. Approximately 160 employees at one location in the United States were covered by two collective bargaining agreements as of December 31, 2011. One agreement, which covers 128 employees, is scheduled to expire in 2015 and the other, which covers 32 employees, is scheduled to expire in 2013. We employed 4,369 people at December 31, 2010.

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ADDITIONAL INFORMATION

We are incorporated in the State of Indiana. Our principal corporate office is located at 905 West Boulevard North, Elkhart, Indiana 46514.

Our internet address is <http://www.ctscorp.com>. We make available through our internet website our annual reports on Form 10-K, quarterly reports on Form 10-Q, current reports on Form 8-K and amendments to those reports filed or furnished pursuant to Section 13(a) of the Securities Exchange Act of 1934 as soon as reasonably practicable after we electronically file such material with, or furnish it to, the Securities and Exchange Commission (SEC). The information contained on or accessible through our internet website is not part of this or any other report we file or furnish to the SEC, other than the documents that we file with the SEC that are incorporated by reference herein.

Further, a copy of this annual report on Form 10-K is located at the SEC's Public Reference Room at 100 F Street, NE, Room 1580, Washington, D.C. 20549. Information on the operation of the Public Reference Room can be obtained by calling the SEC at 1-800-SEC-0330. The SEC maintains an internet site that contains reports, proxy and information statements and other information regarding our filings at <http://www.sec.gov>.

EXECUTIVE OFFICERS OF THE COMPANY

Please see Part III, Item 10 of this annual Report on Form 10-K for information about our executive officers, which is incorporated by reference herein.

Item 1A. Risk Factors

The following are certain risk factors that could affect our business, financial condition and operating results. These risk factors should be considered in connection with evaluating the forward-looking statements contained in this Annual Report on Form 10-K because these factors could cause our actual results and financial condition to differ materially from those projected in the forward-looking statements. Before you invest in CTS, you should know that making such an investment involves some risks, including the risks described below. The risks that are highlighted below are not the only ones that we face. If any of the following risks actually occur, our business, financial condition or operating results could be negatively affected.

Because we currently derive a significant portion of our revenues from a small number of customers, any decrease in orders from these customers could have an adverse effect on our business, financial condition and operating results.

We depend on a small number of customers for a large portion of our business, and changes in the level of our customers' orders have, in the past, had a significant impact on our results of operations. Our 15 largest customers represent a substantial portion of our sales: approximately 48% of net sales in 2011; 48% of net sales in 2010; and 51% of net sales in 2009. Our largest customer represented less than 10% of our net sales in 2011, 2010 and 2009. If a major customer significantly cancels, delays or reduces the amount of business it does with us, there could be an adverse effect on our business, financial condition and operating results. Such an adverse effect would likely be material if one of our largest customers significantly reduces its amount of business. Significant pricing and margin pressures exerted by a key customer could also materially adversely affect our operating results. In addition, we generate significant accounts receivable from sales to our major customers. If one or more of our largest customers were to become insolvent or otherwise unable to pay or were to delay payment for services, our business, financial condition and operating results could be materially adversely affected.

Negative or unexpected tax consequences could adversely affect our results of operations.

Adverse changes in the underlying profitability and financial outlook of our operations in several jurisdictions could lead to changes in our valuation allowances against deferred tax assets and other tax accruals that could materially and adversely affect our results of operations.

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Several countries in which we are located allow for tax incentives to attract and retain business. These tax incentives expire over various periods and are subject to certain conditions with which we expect to comply. Our taxes could increase if certain tax incentives are not renewed upon expiration, or tax rates applicable to us in such jurisdictions are otherwise increased. In addition, further acquisitions or divestitures may cause our effective tax rate to increase.

We base our tax position upon the anticipated nature and conduct of our business and upon our understanding of the tax laws of the various countries in which we have assets or conduct activities. However, our tax position is subject to review and possible challenge by taxing authorities and to possible changes in law, which may have retroactive effect. We cannot determine in advance the extent to which some jurisdictions may require us to pay taxes or make payments in lieu of taxes.

We are subject to intense competition in the EMS industry.

We compete against many providers of electronics manufacturing services. Some of our competitors have substantially greater manufacturing and financial resources, and in some cases have more geographically diversified international operations, than we do. Our competitors, such as Benchmark Electronics, Inc., and Sanmina-SCI Corporation, include both large global EMS providers and smaller EMS companies that often have a regional, product, service or industry specific focus. We also face competition from the manufacturing operations of our current and future OEM customers, which may elect to manufacture their own products internally rather than outsource the manufacturing to EMS providers. In addition, we could face competition in the future from other large global EMS providers, such as Celestica, Inc., Flextronics International Ltd. and Jabil Circuit, Inc., which currently provide services to some of our largest customers for different products, as well as competition from smaller EMS companies such as Plexus Corp. and Ducommun, Inc. We may be at a competitive disadvantage with respect to price when compared to manufacturers with lower cost structures, particularly those with significant offshore facilities located where labor and other costs are lower. Competition may intensify further if more companies enter the markets in which we operate. Our failure to compete effectively could materially adversely affect our business, financial condition and operating results.

We may be unable to compete effectively against competitors in our Components and Sensors segment.

The components and sensors industry is highly competitive and characterized by price erosion and rapid technological change. Through our Components and Sensors segment, we compete against many domestic and foreign companies, some of which have substantially greater manufacturing, financial, research and development and marketing resources than we do. If any customer becomes dissatisfied with our prices, quality or timeliness of delivery, among other things, it could award future business or even move existing business to our competitors. Moreover, some of our customers could choose to manufacture and develop particular products themselves rather than purchase them from us. Increased competition could result in price reductions, reduced profit margins and loss of market share, each of which could materially adversely affect our business, financial condition and operating results. These developments also may materially adversely affect our ability to compete against these manufacturers going forward. We cannot assure you that our products will continue to compete successfully with our competitors products, including OEMs, many of which are significantly larger than we are and have greater financial and other resources.

We may be unable to keep pace with rapid technological changes that could make some of our products or processes obsolete before we realize a return on our investment.

The technologies relating to some of our products have undergone, and are continuing to undergo, rapid and significant changes. Specifically, end markets for electronic components and assemblies are characterized by technological change, frequent new product introductions and enhancements, changes in customer requirements and emerging industry standards. The introduction of products embodying new technologies and the emergence of new industry standards could render our existing products obsolete and unmarketable before we can recover any or all of our research, development and commercialization expenses or capital investments. Furthermore, the life cycles of our products and the products we manufacture for others vary, may change and are difficult to estimate.

We may experience difficulties that could delay or prevent the successful development, introduction and marketing of new products or product enhancements and our new products or product enhancements may not adequately meet the

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requirements of the marketplace or achieve market acceptance. If we are unable, for technological or other reasons, to develop and market new products or product enhancements in a timely and cost-effective manner, our business, financial condition and operating results could be materially adversely affected.

Our customers may cancel their orders, change production quantities or locations or delay production.

We generally do not obtain firm, long-term purchase commitments from our customers, and have often experienced reduced lead times in customer orders. Customers cancel their orders, change production quantities and delay production for a number of reasons. Uncertain economic and geopolitical conditions may result in some of our customers delaying the delivery of some of the products we manufacture for them and placing purchase orders for lower volumes of products than previously anticipated. Cancellations, reductions or delays by a significant customer or by a group of customers may harm our results of operations by reducing the volumes of products we manufacture, as well as by causing a delay in the recovery of our expenditures for inventory in preparation for customer orders and lower asset utilization resulting in lower gross margins.

In addition, customers may require that manufacturing of their products be transitioned from one facility to another to achieve cost and other objectives. Such transfers may result in inefficiencies and costs due to resulting excess capacity and overhead at one facility and capacity constraints and the inability to fulfill all orders at another. In addition, we make significant decisions, including determining the levels of orders that we will seek and accept, production schedules, component procurement commitments, personnel needs and other resource requirements, based on our estimates of customer requirements. The short-term nature of our customers' commitments and the changes in demand for their products reduce our ability to estimate accurately future customer requirements. This makes it difficult to schedule production and maximize utilization of our manufacturing capacity. Anticipated orders may not materialize and delivery schedules may be deferred as a result of changes in demand for our products or our customers' products. We often increase staffing and capacity, and incur other expenses to meet the anticipated demand of our customers, which causes reductions in our gross margins if customer orders are delayed or canceled. On occasion, customers require rapid increases in production, which may stress our resources and reduce margins. We may not have sufficient capacity at any given time to meet our customers' demands. In addition, because many of our costs and operating expenses are relatively fixed over the short term, a reduction in customer demand harms our gross margin and operating income until such time as adjustments can be made to activity or operating levels and structural costs.

We sell products to customers in cyclical industries that are subject to significant downturns that could materially adversely affect our business, financial condition and operating results.

We sell products to customers in cyclical industries that have experienced economic and industry downturns. These markets for our automotive products, electronic components and sensors and EMS products have softened in the past and may again soften in the future. We may face reduced end-customer demand, underutilization of our manufacturing capacity, changes in our revenue mix and other factors that could adversely affect our results of operations in the near term. We cannot predict whether we will achieve profitability in future periods.

Because we derive a substantial portion of our revenues from customers in the automotive, defense and aerospace, computer and communications industries, we are susceptible to trends and factors affecting those industries.

Net sales to the automotive, defense and aerospace, computer and communications industries represent a substantial portion of our revenues. Factors negatively affecting these industries and the demand for their products also negatively affect our business, financial condition and operating results. Any adverse occurrence, including among others, industry slowdown, recession, political instability, costly or constraining regulations, armed hostilities, terrorism, excessive inflation, prolonged disruptions in one or more of our customers' production schedules or labor disturbances, that results in significant decline in the volume of sales in these industries, or in an overall downturn in the business and operations of our customers in these industries, could materially adversely affect our business, financial condition and operating results. Also, the automotive industry is generally highly unionized and some of our customers have, in the past, experienced labor disruptions. Furthermore, the automotive industry is highly cyclical in nature and sensitive to changes in general economic conditions,

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consumer preferences and interest rates. Some of our automotive customers have required government bailouts and/or have filed for bankruptcy reorganization. The failure of one or more automotive manufacturers may result in the failure to receive payment in full for products sold and an abrupt cancellation in demand for certain products. Weakness in auto demand, the insolvency of automobile manufacturers or their suppliers, and constriction of credit markets may negatively and materially affect our facility utilization, cost structure, financial condition, and operating results.

Products we manufacture may contain design or manufacturing defects that could result in reduced demand for our products or services and liability claims against us.

Despite our quality control and quality assurance efforts, defects may occur in the products we manufacture due to design or manufacturing errors or component failure. Product defects may result in delayed shipments and reduced demand for our products. We may be subject to increased costs due to warranty claims on defective products. Product defects may result in product liability claims against us where defects cause, or are alleged to cause, property damage, bodily injury or death. As we more deeply penetrate the automotive and medical device manufacturing markets, the risk of exposure to products liability litigation increases. We may be required to participate in a recall involving products which are, or are alleged to be, defective. We carry insurance for certain legal matters involving product liability; however, we do not have coverage for all costs related to product defects and the costs of such claims, including costs of defense and settlement, may exceed our available coverage.

Toyota's voluntary recall of CTS-manufactured accelerator pedals and associated events has led to claims against CTS and loss of business.

We manufacture accelerator pedal assemblies for a number of automobile manufacturers, including subsidiaries of Toyota Motor Corporation (Toyota). We have supplied accelerator pedal assemblies to Toyota since the 2005 model year. Sales to Toyota have accounted for approximately 2.9%, 4.0% and 3.2% of our annual revenue for the years ended December 31, 2011, 2010 and 2009, respectively. We manufacture all pedal assemblies to specifications approved by the customer, including Toyota.

In January 2010, Toyota issued a voluntary recall for approximately 2.3 million vehicles in North America containing CTS-manufactured accelerator pedal assemblies. In addition, Toyota temporarily halted production and sale of eight vehicle models using these pedal assembly designs. The recall was issued due to what Toyota described as a rare set of conditions which may cause the accelerator pedal to become harder to depress, slower to return or, in the worst case, stuck in a partially depressed position.

No accidents, injuries, or deaths have been proven directly or proximately to result from slow returning or sticking CTS-manufactured pedals. We are aware that we have been named as a defendant in lawsuits filed in the United States and Canada stemming from allegations of problems with Toyota vehicles, and additional lawsuits may follow.

While Toyota has repeatedly acknowledged that CTS designs products to Toyota's specifications and the recall is Toyota's responsibility, and Toyota has agreed to indemnify us in connection with certain third-party claims and actions, we cannot assure you that Toyota will not seek to recover a portion of their recall-related costs from us, and the insurance we carry may not be sufficient to cover all such costs. We also cannot assure you that the National Highway Transportation Safety Administration or other governmental authorities will not attempt to impose fines and penalties upon us and Toyota or other automobile manufacturers will not reduce their purchase of CTS pedals and other automotive products. Accordingly, our results of operations, cash flow and financial position could be adversely affected.

We are exposed to fluctuations in foreign currency exchange rates that may adversely affect our business, financial condition and operating results.

We transact business in various foreign countries. We present our consolidated financial statements in U.S. dollars, but a portion of our revenues and expenditures are transacted in other currencies. As a result, we are exposed to fluctuations in foreign currencies. We have currency exposure arising from both sales and purchases denominated in currencies other than

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the U.S. dollar. Volatility in the exchange rates between the foreign currencies and the U.S. dollar could harm our business, financial condition and operating results. Furthermore, to the extent we sell our products in foreign markets, currency fluctuations may result in our products becoming too expensive for foreign customers.

Our operating results vary significantly from period to period.

We experience fluctuations in our operating results. Some of the principal factors that contribute to these fluctuations are: changes in demand for our products; our effectiveness in managing manufacturing processes, costs and timing of our component purchases so that components are available when needed for production, while mitigating the risks of purchasing inventory in excess of immediate production needs; the degree to which we are able to utilize our available manufacturing capacity; changes in the cost and availability of components, which often occur in the electronics manufacturing industry and which affect our margins and our ability to meet delivery schedules; general economic and served industry conditions; and local conditions and events that may affect our production volumes, such as labor conditions and political instability.

In addition, due to the significant differences in the operating earnings margins in our two reporting segments, the mix of sales between our Components and Sensors segment and our EMS segment affects our operating results from period to period.

We face risks relating to our international operations.

Because we have significant international operations, our operating results and financial condition could be materially adversely affected by economic, political, health, regulatory and other factors existing in foreign countries in which we operate. Our international operations are subject to inherent risks, which may materially adversely affect us, including: political and economic instability in countries in which our products are manufactured; expropriation or the imposition of government controls; changes in government regulations; export license requirements; trade restrictions; earnings repatriation and expatriation restrictions; exposure to different legal standards; less favorable intellectual property laws; health conditions and standards; currency controls; fluctuations in exchange rates; increases in the duties and taxes we pay; high levels of inflation or deflation; greater difficulty in collecting accounts receivable and longer payment cycles; changes in labor conditions and difficulties in staffing and managing our international operations; limitations on insurance coverage against geopolitical risks, natural disasters and business operations; and communication among and management of international operations. In addition, these same factors may also place us at a competitive disadvantage compared to some of our foreign competitors.

In addition, we could be adversely affected by violations of the Foreign Corrupt Practices Act (FCPA) and similar worldwide anti-bribery laws. The FCPA and similar anti-bribery laws in other jurisdictions generally prohibit companies and their intermediaries from making improper payments to non-U.S. officials for the purpose of obtaining or retaining business. Our Code of Ethics mandates compliance with these anti-bribery laws. We operate in many parts of the world that have experienced governmental corruption to some degree and, in certain circumstances, strict compliance with anti-bribery laws may conflict with local customs and practices. We cannot assure you that our internal controls and procedures always will protect us from the reckless or criminal acts committed by our employees or agents. If we are found to be liable for FCPA violations (either due to our own acts or our inadvertence or due to the acts or inadvertence of others), we could suffer from criminal or civil penalties or other sanctions, which could have a material adverse effect on our business.

Furthermore, because a significant portion of our products are manufactured in Asia, including China, Singapore, Thailand and Taiwan, any conflict or uncertainty in these countries, including public health or safety concerns, could have a material adverse effect on our business, financial condition and operating results.

We may restructure our operations, which may materially adversely affect our business, financial condition and operating results.

In 2011, we implemented two restructuring plans to realign and consolidate certain operations for the purpose of improving their cost structures. The implementation of this plan resulted in the elimination of approximately 130 positions within our global operations. The implementation was substantially completed by the end of December 2011.

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We may incur restructuring and impairment charges in the future if circumstances warrant. If we restructure our operations in the future and are unsuccessful in implementing restructuring plans, we may experience disruptions in our operations and higher ongoing costs, which may materially adversely affect our business, financial condition and operating results.

Losses in the stock market could negatively impact pension asset returns and ultimately cash flow due to possible required contributions in the future.

We make a number of assumptions relating to our pension plans in order to measure the financial position of the plans and the net periodic benefit cost. The most significant assumptions relate to the discount rate, the expected long term return on plan assets and the rate of future compensation increases. If these assumptions prove to be significantly different from actual rates, then we may need to record additional expense relating to the pension plans, which could have a material adverse effect on our results of operations and could require cash contributions to fund future pension obligation payments.

We may explore acquisitions that complement or expand our business as well as divestitures of various business operations. We may not be able to complete these transactions, and these transactions, if executed, may pose significant risks and may materially adversely affect our business, financial condition and operating results.

We intend to explore opportunities to buy other businesses or technologies that could complement, enhance or expand our current business or product lines or that might otherwise offer us growth opportunities. We may have difficulty finding these opportunities or, if we do identify these opportunities, we may not be able to complete the transactions for reasons including a failure to secure financing. In addition, we may not be able to successfully or profitably integrate, operate, maintain and manage our newly acquired operations or employees. Any transactions that we are able to identify and complete may involve a number of risks, including: the diversion of management's attention from our existing business to integrate the operations and personnel of the acquired or combined business or joint venture; possible adverse affects on our operating results during the integration process; difficulties managing and integrating operations in geographically dispersed locations; increases in our expenses and working capital requirements, which reduce our return on invested capital; exposure to unanticipated liabilities of acquired companies; and our possible inability to achieve the intended objectives of the transaction. Even if we are initially successful in integrating a new operation, we may not be able to maintain uniform standards, controls, procedures and policies, and this may lead to operational inefficiencies. In addition, future acquisitions may result in dilutive issuances of equity securities or the incurrence of additional debt. These and other factors could harm our ability to achieve anticipated levels of profitability at acquired operations or realize other anticipated benefits of an acquisition, and could adversely affect our business and operating results.

We have in the past, and may in the future, consider divesting certain business operations. Divestitures may involve a number of risks, including the diversion of management's attention, significant costs and expenses, the loss of customer relationships and cash flow, and the disruption of operations in the affected business. Failure to timely complete or consummate a divestiture may negatively affect valuation of the affected business or result in restructuring charges.

If we are unable to protect our intellectual property or we infringe, or are alleged to infringe, on another person's intellectual property, our business, financial condition and operating results could be materially adversely affected.

The success of our business depends, in part, upon our ability to protect trade secrets, copyrights and patents, obtain or license patents and operate without infringing on the intellectual property rights of others. We rely on a combination of trade secrets, copyrights, patents, nondisclosure agreements and technical measures to protect our proprietary rights in our products and technology. The steps we have taken to prevent misappropriation of our technology may be inadequate. In addition, the laws of some foreign countries in which we operate do not protect our proprietary rights to the same extent as do the laws of the United States. Although we continue to evaluate and implement protective measures, there can be no assurance that these efforts will be successful. Our inability to protect our intellectual property rights could diminish or eliminate the competitive advantages that we derive from our technology, cause us to lose sales or otherwise harm our business.

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We believe that patents will continue to play an important role in our business. However, there can be no assurance that we will be successful in securing patents for claims in any pending patent application or that any issued patent will provide us with any competitive advantage. We also cannot provide assurance that the patents will not be challenged by third parties or that the patents of others will not materially adversely affect our ability to do business.

We may become involved in litigation in the future to protect our intellectual property or because others may allege that we infringed on their intellectual property. These claims and any resulting lawsuit could subject us to liability for damages and invalidate our intellectual property rights. If an infringement claim is successfully asserted by a holder of intellectual property rights, we may be required to cease marketing or selling certain products, pay a penalty for past infringement and spend significant time and money to develop a non-infringing product or process or to obtain licenses for the technology, process or information from the holder. We may not be successful in the development of a non-infringing alternative, or licenses may not be available on commercially acceptable terms, if at all, in which case we may lose sales and profits. In addition, any litigation could be lengthy and costly and could materially adversely affect us even if we are successful in the litigation.

We may experience shortages and increased costs of raw material and required electronic components.

In the past, from time to time, there have been shortages in certain raw materials used in the manufacture of our components and sensors and certain electronic components purchased by us and incorporated into assemblies and subassemblies. Unanticipated raw material or electronic component shortages may prevent us from making scheduled shipments to customers. Our inability to make scheduled shipments could cause us to experience a shortfall in revenue, increase our costs and adversely affect our relationship with affected customers and our reputation as a reliable service provider. We may be required to pay higher prices for raw materials or electronic components in short supply and order these raw materials or electronic components in greater quantities to compensate for variable delivery times. We may also be required to pay higher prices for raw materials or electronic components due to inflationary trends regardless of supply. As a result, raw material or electronic component shortages and price increases could adversely affect our operating results for a particular period due to the resulting revenue shortfall and increased costs.

Loss of our key management and other personnel, or an inability to attract key management and other personnel, could materially affect our business.

We depend on our senior executive officers and other key personnel to run our business. We do not have long-term retention contracts with our key personnel. The loss of any of these officers or other key personnel could adversely affect our operations. Competition for qualified employees among companies that rely heavily on engineering and technology is at times intense, and the loss of qualified employees or an inability to attract, retain and motivate additional highly skilled employees required for the operation and expansion of our business could hinder our ability to conduct research activities successfully and develop marketable products.

We are subject to a variety of environmental laws and regulations that expose us to potential financial liability.

Our operations are regulated by a number of federal, state, local and foreign environmental and safety laws and regulations that govern, among other things, the discharge of hazardous materials into the air and water as well as the handling, storage and disposal of these materials. Compliance with environmental laws is a major consideration for us because we use hazardous materials in our manufacturing processes. If we violate environmental laws or regulations, we could be held liable for substantial fines, damages, and costs of remedial actions. Our environmental permits could also be revoked or modified, which could require us to cease or limit production at one or more of our facilities, thereby materially adversely affecting our business, financial condition and operating results. Environmental laws and requirements have generally become more stringent over time and could continue to do so, imposing greater compliance costs and increasing risks and penalties associated with any violation, which also could materially affect our business, financial condition and operating results.

In addition, because we are a generator of hazardous wastes, even if we fully comply with applicable environmental laws and requirements, we may be subject to financial exposure for costs, including costs of investigation and any remediation, associated with contaminated sites at which hazardous substances from our operations have been stored, treated or disposed

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of. We may also be subject to exposure for such costs at sites that we currently own or operate or formerly owned or operated. Such exposure may be joint and several, so that we may be held responsible for more than our share of the contamination or even for the entire contamination.

We have been notified by the U.S. Environmental Protection Agency, state environmental agencies and, in some cases, generator groups that we are or may be a potentially responsible party regarding hazardous substances at several sites not owned or operated by us, as well as several sites that we own. Although we estimate our potential liability with respect to environmental violations or alleged violations and other environmental liabilities and reserves for such matters, we cannot assure you that our reserves will be sufficient to cover the actual costs that we incur as a result of these matters. We also cannot assure you that additional contamination will not be found in the future, either at sites currently known to us or at other sites. Any liability we may have for such matters could materially adversely affect our business, financial condition and operating results.

Our indebtedness may adversely affect our financial health.

As of December 31, 2011, our debt balance was \$74.4 million, consisting of borrowings under our revolving credit facility. The level of our indebtedness could, among other things: increase our vulnerability to general economic and industry conditions, including recessions; require us to use cash flow from operations to service our indebtedness, thereby reducing our ability to fund working capital, capital expenditures, research and development efforts and other expenses; limit our flexibility in planning for, or reacting to, changes in our business and the industries in which we operate; place us at a competitive disadvantage compared to competitors that have less indebtedness; or limit our ability to borrow additional funds that may be needed to operate and expand our business.

Our credit agreement contains provisions that could materially restrict our business.

Our revolving credit agreement requires us to deliver quarterly financial statements, annual financial statements, auditors certifications and compliance certificates within a specified number of days after the end of a quarter and year. Additionally, the revolving credit agreement contains restrictions limiting our ability to: dispose of assets; incur certain additional debt; repay other debt or amend subordinated debt instruments; create liens on assets; make investments, loans or advances; make acquisitions or engage in mergers or consolidations; engage in certain transactions with our subsidiaries and affiliates; and the amounts allowed for stock repurchases and dividend payments.

The restrictions contained in our credit agreement could limit our ability to plan for or react to market conditions or meet capital needs or could otherwise restrict our activities or business plans. These restrictions could adversely affect our ability to finance our operations, strategic acquisitions, investments or other capital needs or to engage in other business activities that could be in our interests.

Further, our ability to comply with our loan covenants may be affected by events beyond our control and if we breach any of these covenants or restrictions, it could result in an event of default under our credit facility, or documents governing any other existing or future indebtedness. A default, if not cured or waived, may permit acceleration of our indebtedness. In addition, our lenders could terminate their commitments to make further extensions of credit under our credit agreement. If our indebtedness is accelerated, we cannot be certain that we will have sufficient funds to pay the accelerated indebtedness or that we will have the ability to refinance accelerated indebtedness on terms favorable to us or at all.

We may not be able to recover all costs and losses incurred as a result of the flood impact on our manufacturing operation in Thailand. In addition, we may see an increase in our cost to obtain property and business interruption insurance, or have difficulty in obtaining adequate coverage at some of our locations.

We operate various manufacturing operations globally. In 2011, various parts of our business were impacted by two significant natural disasters the earthquake and subsequent tsunami in Japan, and then later in the year, the flood in Thailand. Although none of our manufacturing operations were directly impacted by the earthquake, demand for our automotive products decreased as a result of this natural disaster. In Thailand, our factory was impacted, and we have an ongoing insurance claim for this loss. Our ability to recover costs and losses from the insurance carrier may have an impact on financial performance in 2012.

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In addition, all insurance carriers are evaluating high risk areas for coverage and premium considerations. It is possible that we may have difficulty in obtaining adequate insurance coverage for our manufacturing locations that get classified as high risk zones for potential natural disasters. It is also possible that we may see an increase in cost to obtain insurance coverage for these locations.

Ineffective internal control over financial reporting may harm our business in the future.

We are subject to the ongoing internal control provisions of Section 404 of the Sarbanes-Oxley Act of 2002 (the Act). Our controls necessary for continued compliance with the Act may not operate effectively at all times and may result in a material weakness. The identification of material weaknesses in internal control over financial reporting, if any, could indicate a lack of proper controls to generate accurate financial statements. Further, our internal control effectiveness may be impacted if we are unable to retain sufficient skilled finance and accounting personnel, especially in light of the increased demand for such personnel among publicly traded companies.

Item 1B. Unresolved Staff Comments

None.

Item 2. Properties

As of February 17, 2012, we had manufacturing facilities, administrative, research and development and sales offices in the following locations:

Manufacturing Facilities	Square Footage	Owned/Leased	Segment
Albuquerque, New Mexico	91,000	Leased	Components and Sensors
Ayutthya, Thailand	70,000	Owned ⁽¹⁾	EMS
Brugg, Switzerland	21,500	Leased	Components and Sensors
Elkhart, Indiana	319,000	Owned	Components and Sensors
Glasgow, Scotland	75,000	Owned	Components and Sensors and EMS
Glasgow, Scotland	37,000	Leased	Components and Sensors and EMS
Haryana, India	8,000	Leased	Components and Sensors
Hopkinton, Massachusetts	32,000	Owned ⁽²⁾	Components and Sensors
Kaohsiung, Taiwan	133,000	Owned ⁽³⁾	Components and Sensors
Londonderry, New Hampshire	54,000	Leased	EMS
Matamoros, Mexico	51,000	Owned	Components and Sensors and EMS
Matamoros, Mexico	59,900	Leased	EMS
Moorpark, California	115,500	Leased	EMS
Nogales, Mexico	67,000	Leased	Components and Sensors
Ostrava, Czech Republic	60,000	Leased	Components and Sensors
San Jose, California	78,800	Leased	EMS
Singapore	159,000	Owned ⁽⁴⁾	Components and Sensors
Streetsville, Ontario, Canada	112,000	Owned	Components and Sensors
Tianjin, China	225,000	Owned ⁽⁵⁾	Components and Sensors and EMS
Tucson, Arizona	48,000	Owned	Components and Sensors
Zhongshan, China	72,400	Leased	Components and Sensors
Total manufacturing	1,889,100		

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Non-Manufacturing Facilities	Square Footage	Owned/Leased	Description	Segment
Berne, Indiana	249,000	Owned	Leased to tenant	Components and Sensors
Lisle, Illinois	37,200	Leased	Administrative offices and research	Components and Sensors and EMS
Brownsville, Texas	85,000	Owned	Idle facility	Components and Sensors
Burbank, California	2,900	Leased	Sublet to tenant	Components and Sensors
Elkhart, Indiana	93,000	Owned	Administrative offices and research	Components and Sensors and EMS
Nagoya, Japan	800	Leased	Sales office	Components and Sensors
Nashua, New Hampshire	1,000	Leased	Engineering offices ⁽²⁾	Components and Sensors
Sandwich, Illinois		Owned	Land only	Components and Sensors
Shanghai, China	260	Leased	Sales office	Components and Sensors
Auburn Hills, Michigan	1,600	Leased	Sales office	Components and Sensors
Yokohama, Japan	1,400	Leased	Sales office	Components and Sensors
Total non-manufacturing	472,160			

(1) The land and building are collateral for a credit facility.

(2) These facilities are part of the Valpey-Fisher acquisition in January 2012.

(3) Ground lease through 2017; restrictions on use and transfer apply.

(4) Ground lease through 2039; restrictions on use and transfer apply.

(5) Land Use Rights Agreement through 2050 includes transfer, lease and mortgage rights.

We regularly assess the adequacy of our manufacturing facilities for manufacturing capacity, available labor, and proximity to our markets and major customers. Management believes our manufacturing facilities are suitable and adequate, and have sufficient capacity to meet our current needs. The extent of utilization varies from plant to plant and with general economic conditions. We also review the operating costs of our facilities and may from time-to-time relocate or move a portion of our manufacturing activities in order to reduce operating costs and improve asset utilization and cash flow.

Item 3. Legal Proceedings

We manufacture accelerator pedals for a number of automobile manufacturers, including subsidiaries of Toyota. In January 2010, Toyota initiated a recall of a substantial number of vehicles in North America containing pedals manufactured by CTS. The pedal recall and associated events have led to us being named as a co-defendant with Toyota in certain litigation.

In February 2010, we entered into an agreement with Toyota whereby Toyota agreed that it will indemnify, defend, and hold us harmless from, and the parties will cooperate in the defense of, certain third-party civil claims and actions that are filed or asserted in the United States or Canada and that arise from or relate to alleged incidents of unintended acceleration of Toyota and Lexus vehicles. If it is determined that CTS acted negligently in selecting materials or processes where we had sole control over the selection process, in failing to meet Toyota's

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specifications, or in making unapproved changes in component design or materials, and such negligence caused or contributed to a claim, we will be responsible for any judgment that may be rendered against us individually, or any portion of a judgment that may be allocated to us, but limited only to the extent of insurance collected from our insurers. Toyota would remain responsible to defend CTS in these actions and would remain responsible for any balance of the remaining liability over amounts recovered by insurance. The agreement also does not cover costs or liabilities in connection with government investigations, government hearings, or government recalls.

Presently, we have been served process and named as co-defendant with Toyota in approximately thirty-one open lawsuits; we have been dismissed as a defendant from an additional thirty lawsuits. The claims generally fall into two categories, those that allege sudden unintended acceleration of Toyota vehicles led to injury or death, and those that allege economic

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harm to owners of Toyota vehicles related to vehicle defects. Some suits combine elements of both. Claims include demands for compensatory and special damages. To date, the only actions filed where we are aware we have been named as a co-defendant are civil actions filed in the United States or Canada. All currently open lawsuits are subject to the indemnification agreement described above. Some of these lawsuits arise out of incidents involving models for which we do not manufacture the pedal, such as all Lexus models, the Toyota Prius, and the Toyota Tacoma, or for which we manufacture only a portion of the pedals, such as the Toyota Camry. Many lawsuits have been consolidated in federal multidistrict litigation in the United States District Court, Southern District of California, though some remain in various other courts.

Certain processes in the manufacture of our current and past products create hazardous waste by-products as currently defined by federal and state laws and regulations. We have been notified by the U.S. Environmental Protection Agency, state environmental agencies, and in some cases, generator groups, that we are or may be a potentially responsible party regarding hazardous waste remediation at several non-CTS sites. In addition to these non-CTS sites, we have an ongoing practice of providing reserves for probable remediation activities at certain of our manufacturing locations and for claims and proceedings against us with respect to other environmental matters. In the opinion of management, based upon all present available information relating to all such matters, either adequate provisions for probable costs has been made, or the ultimate costs resulting will not materially affect our consolidated financial position, results of operations, or cash flows.

Certain other claims are pending against us with respect to matters arising out of the ordinary conduct of our business. For all other claims, in the opinion of management, based upon presently available information, either adequate provision for anticipated costs have been accrued or the ultimate anticipated costs will not materially affect our consolidated financial position, results of operations, or cash flows.

Item 4. Mine Safety Disclosures

Not applicable

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Table of Contents**PART II****Item 5. Market for Registrant's Common Equity, Related Shareholder Matters and Issuer Purchases of Equity Securities**

CTS common stock is listed on the New York Stock Exchange under the symbol CTS. On February 20, 2012, there were approximately 1,439 common shareholders of record.

During the 4th quarter of 2011, we increased our quarterly dividend rate to \$0.035 per share, or an annual rate of \$0.14 per share. Prior to this increase our practice was to pay quarterly dividends at the rate of \$0.03 per share, or an annual rate of \$0.12 per share. The declaration of a dividend and the amount of any such dividend is subject to earnings, anticipated working capital, capital expenditures, other investment requirements, the financial condition of CTS, and any other factors considered relevant by the Board of Directors.

Per Share Data

(Unaudited)

			Dividends	Net Earnings	
	High ⁽¹⁾	Low ⁽¹⁾	Declared	Basic	Diluted
2011					
4th quarter	\$ 10.27	\$ 7.14	\$ 0.035	\$ 0.17	\$ 0.16
3rd quarter	10.18	7.96	0.03	0.17	0.17
2nd quarter	11.10	8.74	0.03	0.12	0.12
1st quarter	12.39	10.03	0.03	0.15	0.15
2010					
4th quarter	\$ 11.47	\$ 9.34	\$ 0.03	\$ 0.15	\$ 0.13
3rd quarter	11.84	6.81	0.03	0.20	0.20
2nd quarter	11.84	8.85	0.03	0.17	0.17
1st quarter	10.49	6.81	0.03	0.13	0.13

(1) The market prices of CTS common stock presented reflect the highest and lowest sales prices on the New York Stock Exchange for each quarter of the last two years.

As shown in the following table, there were CTS common stock repurchases made by the Company during the three months ended December 31, 2011:

	(c)		(d)	
	Total Number		of Shares	
	(a)	(b)	Purchased as	Maximum Number of
	Total Number of	Average Price	part of Plans or	Shares That May Yet Be
	Shares	Paid per Share	Program	Purchased Under the
	Purchased			Plans or Programs ⁽¹⁾
Balance at October 2, 2011				830,896
October 3, 2011 – October 30, 2011				830,896

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October 31, 2011	November 27, 2011	91,403	\$	8.83	91,403	739,493
November 28, 2011	December 31, 2011	165,340	\$	8.65	165,340	574,153

(1) In May 2008, CTS Board of Directors authorized a program to repurchase up to one million shares of its common stock in the open market. The authorization has no expiration date.

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(In thousands except per share data)

		% of		% of		% of		% of		% of
	2011	Sales	2010	Sales	2009	Sales	2008	Sales	2007	Sales
Summary of Operations										
Net sales	\$ 588,506	100.0	\$ 552,641	100.0	\$ 498,982	100.0	\$ 691,707	100.0	\$ 685,945	100.0
Cost of goods sold	478,657	81.3	432,731	78.3	400,142	80.2	554,634	80.2	553,253	80.7
Insurance recovery for business interruption	(4,082)	(0.7)		0.0		0.0		0.0		0.0
Selling, general and administrative expenses ⁽¹⁾	69,284	11.8	69,805	12.6	64,129	12.9	78,755	11.4	78,999	11.5
Research and development expenses	19,990	3.4	18,313	3.3	14,154	2.8	18,306	2.6	15,896	2.3
Insurance recovery for property damage	(6,067)	(1.0)		0.0		0.0		0.0		0.0
Amortization of intangible assets	2,606	0.4	2,505	0.5	2,990	0.6	3,615	0.5	3,121	0.5
Restructuring and goodwill impairment charges	2,878	0.5	1,444	0.3	35,396	7.1	5,567	0.8	2,401	0.4
Operating earnings/(loss)	25,240	4.3	27,843	5.0	(17,829)	(3.6)	30,830	4.5	32,275	4.7
Other income/(expense) net	1,097	0.2	183		(2,585)	(0.5)	(4,575)	(0.7)	(2,241)	(0.3)
Earnings/(loss) before income taxes	26,337	4.5	28,026	5.0	(20,414)	(4.1)	26,255	3.8	30,034	4.4
Income tax expense/(benefit)	5,370	0.9	5,988	1.0	13,636	2.7	(1,807)	(0.3)	6,087	0.9
Net earnings/(loss)	20,967	3.6	22,038	4.0	(34,050)	(6.8)	28,062	4.1	23,947	3.5
Retained earnings beginning of Year	335,524		317,582		355,694		331,675		311,962	
Dividends declared	(4,286)		(4,096)		(4,062)		(4,043)		(4,234)	
Retained earnings end of year	\$ 352,205		\$ 335,524		\$ 317,582		\$ 355,694		\$ 331,675	
Net earnings/(loss) per share:										
Basic:	\$ 0.61		\$ 0.65		\$ (1.01)		\$ 0.83		\$ 0.67	
Diluted:	\$ 0.60		\$ 0.63		\$ (1.01)		\$ 0.81		\$ 0.66	
Average basic shares outstanding	34,321		34,090		33,823		33,728		35,498	
Average diluted shares outstanding	35,006		34,849		33,823		37,864		39,970	
Cash dividends per share (annualized)	\$ 0.125		\$ 0.12		\$ 0.12		\$ 0.12		\$ 0.12	
Capital expenditures	15,574		13,271		6,537		17,647		16,058	
Depreciation and amortization	17,548		17,565		19,531		24,178		22,818	
Financial Position at Year End										
Current assets	\$ 283,386		\$ 266,655		\$ 193,735		\$ 225,842		\$ 250,840	
Current liabilities	124,237		120,100		90,516		113,241		128,919	
Current ratio	2.3 to 1		2.2 to 1		2.1 to 1		2.0 to 1		1.9 to 1	
Working capital	\$ 159,149		\$ 146,555		\$ 103,219		\$ 112,601		\$ 121,921	
Inventories, net	92,540		76,885		54,348		70,867		73,778	
	84,860		78,213		81,120		90,756		92,825	

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Net property, plant and equipment					
Total assets	480,815	482,584	407,657	488,442	543,615
Short-term notes payable					1,000
Long-term debt	74,400	70,000	50,400	79,988	68,342
Long-term obligations, including long-term debt	93,281	88,234	69,687	97,728	88,332
Shareholders' equity	263,297	274,250	247,454	277,473	326,366
Common shares outstanding (000s)	34,066	34,197	33,893	33,711	34,313
Equity (book value) per share	\$ 7.73	\$ 8.02	\$ 7.30	\$ 8.23	\$ 9.51
Stock price range	\$ 12.39-7.14	\$ 11.84-6.81	\$ 10.62-2.11	13.99-3.99	\$ 16.33-9.87

(1) Excludes amortization of intangible assets

Certain acquisitions, divestitures, closures of operations or product lines, and certain accounting reclassifications affect the comparability of information contained in the Five-Year Summary.

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Item 7. Management's Discussion and Analysis of Financial Condition and Results of Operations

Information about results of operations, liquidity, and capital resources for the three previous years is contained in Management's Discussion and Analysis of Financial Condition and Results of Operations (2009-2011) included in the 2011 Annual Report to Shareholders and incorporated herein by reference.

Item 7A. Quantitative and Qualitative Disclosures About Market Risk

Our cash flows and earnings are subject to fluctuations resulting from changes in foreign currency exchange rates and interest rates. We manage our exposure to these market risks through internally established policies and procedures and, when deemed appropriate, through the use of derivative financial instruments. Our policies do not allow speculation in derivative instruments for profit or execution of derivative instrument contracts for which there are no underlying exposures. We do not use financial instruments for trading purposes and we are not a party to any leveraged derivatives. We monitor our underlying market risk exposures on an ongoing basis and believe that we can modify or adapt our hedging strategies as needed.

Interest Rate Risk

We are exposed to the changes in interest rates on our floating rate revolving credit facility. There was \$74.4 million and \$70.0 million outstanding under our revolving credit agreement at December 31, 2011 and December 31, 2010, respectively. As of December 31, 2011 and 2010, we did not have any outstanding interest rate swap or cap agreements. See Note G, Debt, to our consolidated financial statements for components of our long-term debt. A one percentage point increase in interest rates would increase our annual interest expense by approximately \$744,000.

Foreign Currency Risk

We are exposed to foreign currency exchange rate risks. Our significant foreign subsidiaries are located in Canada, China, Czech Republic, Scotland, Singapore, Switzerland, Taiwan and Thailand. As of December 31, 2011, we did not have any outstanding foreign currency forward exchange contracts.

In the normal course of business, our financial position is routinely subjected to a variety of risks, including market risks associated with interest rate movements, currency rate movements on non-U.S. dollar denominated assets and liabilities.

Commodity Price Risk

Many of our products require the use of raw materials that are produced in only a limited number of regions around the world or are available from only a limited number of suppliers. Our results of operations may be materially and adversely affected if we have difficulty obtaining these raw materials, the quality of available raw materials deteriorates, or there are significant price increases for these raw materials. For periods in which the prices of these raw materials are rising, we may be unable to pass on the increased cost to our customers which would result in decreased margins for the products in which they are used. For periods in which the prices are declining, we may be required to write down our inventory carrying cost of these raw materials, since we record our inventory at the lower of cost or market.

Item 8. Financial Statements and Supplementary Data

Consolidated financial statements meeting the requirements of Regulation S-X, and the Report of our Independent Registered Public Accounting Firm, appear in the financial statements and supplementary financial data as noted in the Index appearing under Item 15(a)(1) and (2), and are included in the 2011 Annual Report to Shareholders and incorporated herein by reference.

Item 9. Changes in and Disagreements with Accountants on Accounting and Financial Disclosure

None.

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Item 9A. Controls and Procedures

Pursuant to Rule 13a-15(e) of the Securities Exchange Act of 1934, management, under the direction of our Chief Executive Officer and Chief Financial Officer, evaluated our disclosure controls and procedures as of the end of the period covered by this annual report. Based on such evaluation, our Chief Executive Officer and Chief Financial Officer concluded that our disclosure controls and procedures were effective as of December 31, 2011.

The report from Grant Thornton on its audit of the effectiveness of CTS' internal control over financial reporting as of December 31, 2011, is included on page 16 of Exhibit 13 of this Annual Report on Form 10-K under the heading Report of Independent Registered Public Accounting Firm and is herein incorporated by reference. The Report of Management on Internal Control over Financial Reporting, which can be found following the signature page of this Annual Report on Form 10-K, is incorporated herein by reference.

Changes in Internal Control Over Financial Reporting

There were no changes in our internal control over financial reporting for the year ended December 31, 2011 that have materially affected or are reasonably likely to materially affect our internal control over financial reporting.

Item 9B. Other Information

None.

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Executive Officers. The following serve as executive officers of CTS as of February 23, 2012. The executive officers are expected to serve until the next annual meeting of the Board of Directors, scheduled to be held on or about May 23, 2012, at which time the election of officers will be considered again by the Board of Directors.

Name	Age	Positions and Offices
Vinod M. Khilnani	59	Chairman of the Board, President and Chief Executive Officer
Richard G. Cutter, III	65	Vice President, Law and Business Affairs, Corporate Secretary
Thomas A. Kroll	57	Vice President and Chief Financial Officer
Dennis P. Thornton	50	Senior Vice President and General Manager of CTS Electronic Manufacturing Solutions
Ashish Agrawal	41	Vice President, Treasury and Corporate Development

Vinod M. Khilnani 59 Chairman of the Board, President and Chief Executive Officer was designated Chairman of the Board effective May 27, 2009 and elected President and Chief Executive Officer on July 2, 2007. Prior to accepting this position, Mr. Khilnani held the position of Senior Vice President and Chief Financial Officer since 2001.

Richard G. Cutter 65 Vice President, Law and Business Affairs, Corporate Secretary was named Vice President, Law and Business Affairs, Corporate Secretary effective January 1, 2011. Prior to this, Mr. Cutter was Vice President, Secretary and General Counsel effective December 31, 2001. Prior to this, Mr. Cutter was Vice President, Assistant Secretary and General Counsel since September 2000.

Thomas A. Kroll 57 Vice President and Chief Financial Officer. Mr. Kroll was named Vice President and Chief Financial Officer on September 1, 2011. Mr. Kroll was elected Vice President and Controller on October 31, 2002. Prior to this, Mr. Kroll served as Controller Group Accounting since joining CTS in November 2000.

Dennis P. Thornton 50 Senior Vice President was elected Senior Vice President and General Manager of CTS Electronic Manufacturing Solutions effective February 1, 2011. Mr. Thornton was elected Vice President of CTS Corporation effective December 3, 2009. Prior to this, Mr. Thornton served as General Manager for our Automotive Products SBU since joining CTS in 2006.

Ashish Agrawal 41 Vice President, Treasury and Corporate Development was elected Vice President, Treasury and Corporate Development on June 13, 2011. Prior to this, Mr. Agrawal served as Senior Vice President and Chief Financial Officer with Dometic Corporation in Elkhart, IN.

Information with respect to Directors and Corporate Governance may be found in our definitive proxy statement to be delivered to shareholders in connection with our 2012 Annual Meeting of Shareholders. Such information is incorporated herein by reference.

Item 11. Executive Compensation

Information with respect to this item may be found in our definitive proxy statement to be delivered to shareholders in connection with our 2012 Annual Meeting of Shareholders. Such information is incorporated herein by reference.

Item 12. Security Ownership of Certain Beneficial Owners and Management and Related Shareholder Matters

Information with respect to this item may be found in our definitive proxy statement to be delivered to shareholders in connection with our 2012 Annual Meeting of Shareholders. Such information is incorporated herein by reference.

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Item 13. Certain Relationships and Related Transactions, and Director Independence

Information with respect to this item may be found in our definitive proxy statement to be delivered to shareholders in connection with our 2012 Annual Meeting of Shareholders. Such information is incorporated herein by reference.

Item 14. Principal Accountant Fees and Services

Information with respect to this item may be found in our definitive proxy statement to be delivered to shareholders in connection with our 2012 Annual Meeting of Shareholders. Such information is incorporated herein by reference.

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PART IV

Item 15. Exhibits and Financial Statements Schedules

The list of financial statements and schedules required by Item 15 (a) (1) and (2) is contained on page S-1 herein.

(a) (3) Exhibits

All references to documents filed pursuant to the Securities Exchange Act of 1934, including Forms 10-K, 10-Q and 8-K, were filed by CTS Corporation, File No. 1-4639.

- (3)(i) Amended and Restated Articles of Incorporation (incorporated by reference to Exhibit 5 to the Current Report on Form 8-K, filed with the SEC on September 1, 1998).
- (3)(ii) Amended and Restated Bylaws (incorporated herein by reference to Exhibit 3 to the Current Report on Form 8-K, filed with the SEC on February 8, 2010).
- (10)(a) Form of Director and Officer Indemnification Agreement (incorporated herein by reference to Exhibit 10.1 to the Current Report on Form 8-K, filed with the SEC on November 12, 2008).
- (10)(b) CTS Corporation Stock Retirement Plan for Non-Employee Directors, effective April 30, 1990, as amended (incorporated by reference to Exhibit (10)(a) to the Quarterly Report on Form 10-Q for the quarter ended March 30, 2003, filed with the SEC on April 23, 2003).*
- (10)(c) Amendment to the CTS Corporation Stock Retirement Plan for Non-Employee Directors, dated as of December 1, 2004 (incorporated by reference to Exhibit (10)(j) to the Annual Report on Form 10-K for the year ended December 31, 2004, filed with the SEC on March 4, 2005).
- (10)(d) CTS Corporation Pension Plan (formerly known as the CTS Corporation Salaried Employees Pension Plan) (incorporated by reference to Exhibit (10)(t) to the Annual Report on Form 10-K for the year ended December 31, 2002, filed with the SEC on February 14, 2003).*
- (10)(e) Amendments to the CTS Corporation Pension Plan (formerly known as the CTS Corporation Salaried Employees Pension Plan) (incorporated by reference to Exhibit 10(b) to the Quarterly Report on Form 10-Q for the quarter ended June 29, 2003, filed with the SEC on July 25, 2003).*
- (10)(f) CTS Corporation 2004 Omnibus Long-term Incentive Plan and Incentive Stock Option Agreement (incorporated by reference to the Exhibit 10(a) to the Quarterly Report on Form 10-Q for the quarter ended September 26, 2004, filed with the SEC on October 19, 2004).*
- (10)(g) Amendments to the CTS Corporation Pension Plan (incorporated by reference to Exhibit 10(p) to the Annual Report on Form 10-K for the year ended December 31, 2005, filed with the SEC on February 27, 2006).*
- (10)(h) Amendments to the CTS Corporation Pension Plan (incorporated by reference to Exhibit 10(a) to the Quarterly Report on Form 10-Q for the quarter ended April 2, 2006, filed with the SEC on April 26, 2006).*
- (10)(i) Credit Agreement, dated as of November 18, 2010, by and among CTS Corporation, the Lenders named therein and Harris N.A. as L/C Issuer, and Administrative Agent (incorporated by reference to Exhibit 10(a) to the Current Report on Form 8-K, filed with the SEC on November 22, 2010).
- (10)(j) First amendment to credit agreement dated as of January 10, 2012, by and among CTS Corporation, the lenders name therein and Harris N.A. as L/C issuer and administrative agent (incorporated by reference to Exhibit 10(a) to the current report on Form 8-K filed with the SEC on January 11, 2012).
- (10)(k) Amendment No. 1 to the CTS Corporation 2004 Omnibus Long-term Incentive Plan (incorporated by reference to Exhibit 10(aa) to the Annual Report on Form 10-K filed with the SEC on May 15, 2007).*
- (10)(l) CTS Corporation Management Incentive Plan, approved by the shareholders on June 28, 2007 (incorporated

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by reference to Appendix A to the Proxy Statement for the 2007 Annual Meeting of Shareholders, filed with the SEC on May 24, 2007).*

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(10)(m)	Performance Share Agreement between CTS Corporation and Vinod M. Khilnani, dated August 1, 2007 (incorporated by reference to Exhibit 10(a) to the Quarterly Report on Form 10-Q for the quarter ended September 30, 2007, filed with the SEC on October 24, 2007).*
(10)(n)	Prototype Individual Excess Benefit Retirement Plan (incorporated by reference to Exhibit 10(d) to the Quarterly Report on Form 10-Q for the quarter ended September 30, 2007, filed with the SEC on October 24, 2007).*
(10)(o)	Amendments to the CTS Corporation Pension Plan (formerly known as the CTS Corporation Salaried Employees Pension Plan) (incorporated by reference to Exhibit 10(bb) to the Annual Report on Form 10-K for the year ended December 31, 2008, filed with the SEC on February 23, 2009).*
(10)(p)	2009-2010 Performance Restricted Stock Unit Plan (incorporated by reference to Exhibit 10(a) to the Quarterly Report on Form 10-Q for the quarter ended March 29, 2009, filed with the SEC on April 29, 2009).*
(10)(q)	CTS Corporation 2009 Omnibus Equity and Performance Incentive Plan (incorporated by reference to Exhibit 10.1 to the Current Report on Form 8-K, filed with the SEC on May 28, 2009).*
(10)(r)	2010 2011 Performance Restricted Stock Unit Plan (incorporated by reference to Exhibit 10(a) to the Quarterly Report on Form 10-Q for the quarter ended April 4, 2010, filed with the SEC on April 28, 2010).*
(10)(s)	Form Restricted Stock Unit Agreement (Shares) (incorporated by reference to Exhibit 10.2 to the Current Report on Form 8-K, filed with the SEC on May 28, 2009).*
(10)(t)	Form Restricted Stock Unit Agreement (Cash) (incorporated by reference to Exhibit 10.3 to the Current Report on Form 8-K, filed with the SEC on May 28, 2009).*
(10)(u)	CTS Corporation Executive Severance Policy, effective as of September 10, 2009 (incorporated by reference to Exhibit 10 to the Quarterly Report on Form 10-Q for the quarter ended September 27, 2009, filed with the SEC on October 28, 2009).*
(10)(v)	Amendments to the CTS Corporation Pension Plan (formerly known as the CTS Corporation Salaried Employees Pension Plan) (incorporated by reference to Exhibit 10(w) to the Annual Report on Form 10-K for the year ended December 31, 2010, filed with the SEC on February 24, 2011).*
(10)(w)	Letter Agreement dated February 19, 2010 by and among CTS Corporation, Toyota Motor Sales, U.S.A. Inc., Toyota Canada Inc. and Toyota Motor Engineering & Manufacturing North America, Inc. (incorporated by reference to Exhibit 10(a) to the Quarterly Report on form 10-Q for the quarter ended October 3, 2010, filed with the SEC October 27, 2010).
(10)(x)	Prototype Change in Control Agreement.*
(13)	Portions of the 2011 Annual Report to shareholders incorporated herein.
(21)	Subsidiaries.
(23)(a)	Consent of Grant Thornton LLP.
(31)(a)	Certification pursuant to Section 302 of the Sarbanes-Oxley Act of 2002.
(31)(b)	Certification pursuant to Section 302 of the Sarbanes-Oxley Act of 2002.
(32)(a)	Certification pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002.
(32)(b)	Certification pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002.
**101.INS	XBRL Instance Document
**101.SCH	XBRL Taxonomy Extension Schema Document

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**101.CAL	XBRL Taxonomy Extension Calculation Linkbase Document
**101.LAB	XBRL Taxonomy Extension Label Linkbase Document
**101.PRE	XBRL Taxonomy Extension Presentation Linkbase Document

* *Management contract or compensatory plan or arrangement.*

** *XBRL (Extensible Business Reporting Language) information is furnished and not filed or a part of a registration statement or prospectus for purposes of sections 11 or 12 of the Securities Act of 1933, is deemed not filed for purposes of section 18 of the Securities Exchange Act of 1934, and otherwise is not subject to liability under these sections.*

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SIGNATURES

Pursuant to the requirements of Section 13 or 15(d) of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

CTS Corporation

Date: February 23, 2012

By: */s/ Thomas A. Kroll*
Thomas A. Kroll

Vice President and Chief Financial Officer

(Principal Accounting Officer)

Pursuant to the requirements of the Securities Exchange Act of 1934, this report has been signed below by the following persons on behalf of the registrant and in the capacities and on the dates indicated.

Date: February 23, 2012

By: */s/ Vinod M. Khilnani*
Vinod M. Khilnani

Chairman of the Board, President,

and Chief Executive Officer

(Principal Executive Officer)

Date: February 23, 2012

By: */s/ Thomas G. Cody*
Thomas G. Cody

Lead Director

Date: February 23, 2012

By: */s/ Walter S. Catlow*
Walter S. Catlow

Director

Date: February 23, 2012

By: */s/ Lawrence J. Ciance*
Lawrence J. Ciance

Director

Date: February 23, 2012

By: */s/ Patricia K. Collawn*
Patricia K. Collawn

Director

Date: February 23, 2012

By: */s/ Roger R. Hemminghaus*
Roger R. Hemminghaus

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Director

Date: February 23, 2012

By: */s/ Michael A. Henning*
Michael A. Henning

Director

Date: February 23, 2012

By: */s/ Gordon Hunter*
Gordon Hunter

Director

Date: February 23, 2012

By: */s/ Diana M. Murphy*
Diana M. Murphy

Director

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Date: February 23, 2012

By: */s/ Robert A. Profusek*
Robert A. Profusek

Director

Date: February 23, 2012

By: */s/ Thomas A. Kroll*
Thomas A. Kroll

Vice President and Chief Financial Officer

(Principal Accounting Officer)

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FORM 10-K ITEM 15 (a) (1) AND (2) AND ITEM 15 (c)

CTS CORPORATION AND SUBSIDIARIES

INDEX TO FINANCIAL STATEMENTS

AND FINANCIAL STATEMENT SCHEDULE

The following consolidated financial statements of CTS Corporation and subsidiaries included in the 2011 Annual Report are referenced in Part II, Item 8, filed herewith as Exhibit (13) and incorporated herein by reference:

Consolidated Statements of Earnings/(Loss) Years ended December 31, 2011, December 31, 2010 and December 31, 2009

Consolidated Balance Sheets December 31, 2011 and December 31, 2010

Consolidated Statements of Cash Flows Years ended December 31, 2011, December 31, 2010 and December 31, 2009

Consolidated Statements of Shareholders' Equity Years ended December 31, 2011, December 31, 2010 and December 31, 2009

Notes to consolidated financial statements

Schedule II Valuation and Qualifying Accounts

All other schedules for which provision is made in the applicable accounting regulations of the Securities and Exchange Commission have been omitted because they are not applicable, not required or the information is included in the consolidated financial statements or notes thereto.

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Management's Report on Internal Control Over Financial Reporting

CTS management is responsible for establishing and maintaining adequate internal control over financial reporting, as such term is defined in Exchange Act Rule 13a-15(f). Under the supervision and with the participation of management, including CTS Chief Executive Officer and Chief Financial Officer, CTS conducted an evaluation of the effectiveness of internal control over financial reporting based on the framework in Internal Control Integrated Framework issued by the Committee of Sponsoring Organizations of the Treadway Commission. In its assessment of the effectiveness of internal control over financial reporting as of December 31, 2011, management determined that its internal control over financial reporting was effective as of December 31, 2011.

Grant Thornton LLP, an independent registered public accounting firm, has audited CTS internal control over financial reporting as of December 31, 2011, as stated in their report which is included herein.

CTS Corporation

Elkhart, Indiana

February 23, 2012

/s/ Vinod M. Khilnani
Vinod M. Khilnani

Chairman of the Board, President, and Chief Executive Officer

/s/ Thomas A. Kroll
Thomas A. Kroll

Vice President and Chief Financial Officer

(Principal Accounting Officer)

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