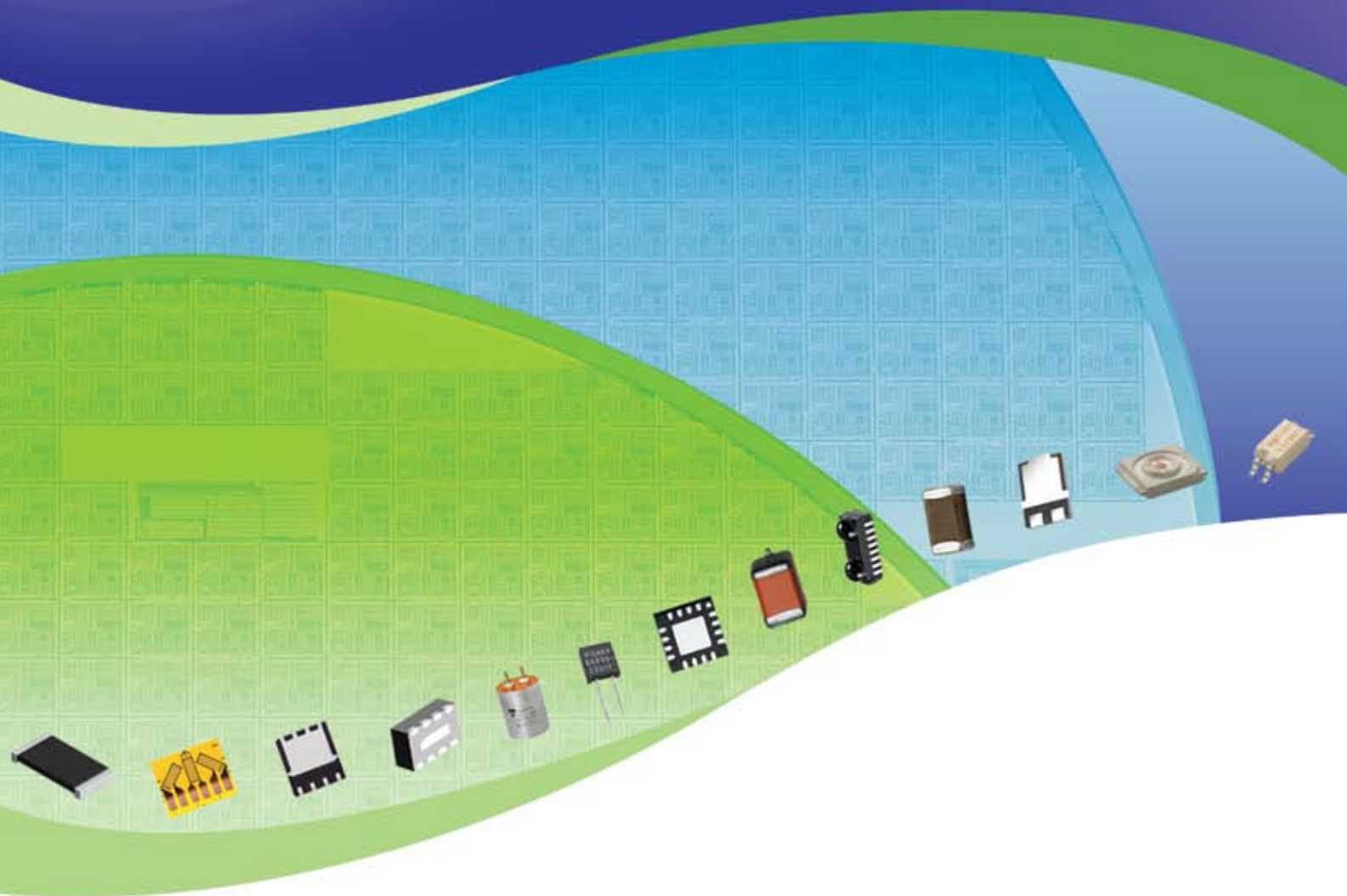


Annual Report 2007

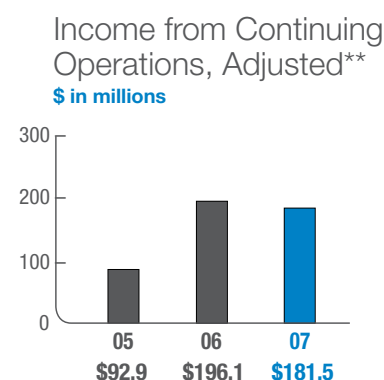
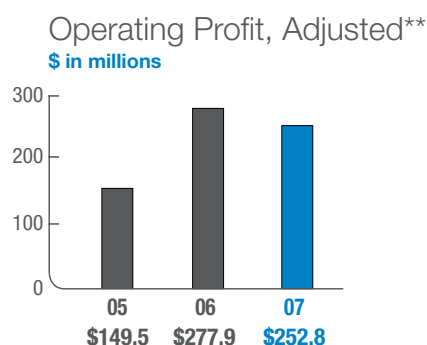
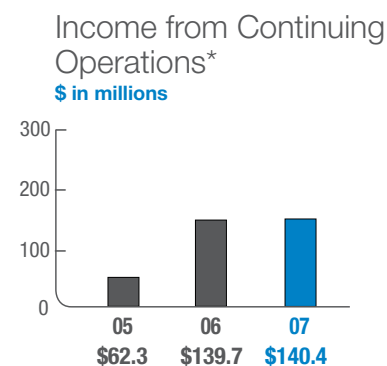
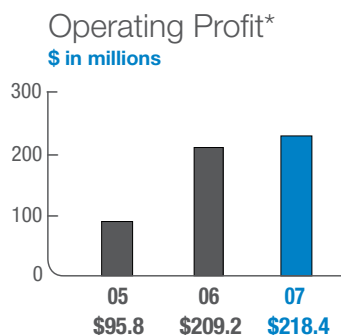
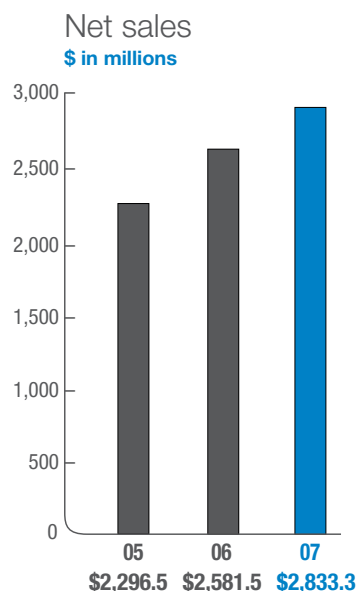
Vishay Intertechnology, Inc.



One of the World's Largest Manufacturers of
Discrete Semiconductors and Passive Components



Financial Highlights



The following table reconciles amounts as reported to the adjusted operating profit and adjusted net earnings presented in the charts above.
(in millions)

	Operating Profit			Income From Continuing Operations		
	2007	2006	2005	2007	2006	2005
*As reported	\$ 218.4	\$ 209.2	\$ 95.8	\$ 140.4	\$ 139.7	\$ 62.3
Restructuring and severance costs	14.7	40.2	29.8	14.7	40.2	29.8
Asset write-downs	3.9	6.7	11.4	3.9	6.7	11.4
Contract termination charge	18.9	—	—	18.9	—	—
Inventory write-downs and loss (gain) on purchase commitments	—	15.3	(1.0)	—	15.3	(1.0)
Purchased research and development	—	—	9.7	—	—	9.7
Siliconix transaction related expenses	—	—	3.8	—	—	3.8
Other	(3.1)	6.5	—	5.2	9.3	(11.1)
Net tax benefit of reconciling items	—	—	—	(1.6)	(15.1)	(12.0)
**Adjusted	\$ 252.8	\$ 277.9	\$ 149.5	\$ 181.5	\$ 196.1	\$ 92.9

Measurements such as adjusted operating profit and adjusted income from continuing operations are not recognized in accordance with generally accepted accounting principles (GAAP) and should not be viewed as an alternative to GAAP measures of performance. Management believes that adjusted operating profit and adjusted income from continuing operations, "non-GAAP" measures, are meaningful to investors because they provide insight with respect to intrinsic operating results of the Company. Reconciling items to arrive at adjusted operating profit and adjusted income from continuing operations represent significant charges or credits that are important to an understanding of the Company's intrinsic operations. These reconciling items are more fully described in the Company's consolidated financial statements.

As of and for the year ended December 31 (in thousands, except per share amounts)	2007	2006	2005
Net revenues	\$ 2,833,266	\$ 2,581,477	\$ 2,296,521
Operating income	218,368	209,200	95,759
Net earnings	130,764	139,736	62,274
Depreciation and amortization	214,691	196,963	188,900
Basic earnings per share	\$ 0.70	\$ 0.76	\$ 0.35
Diluted earnings per share	\$ 0.69	\$ 0.73	\$ 0.34
Weighted average shares outstanding - basic	185,646	184,400	177,606
Weighted average shares outstanding - diluted	198,226	210,316	189,321
Cash flows from operations	\$ 354,012	\$ 349,466	\$ 202,874
Working capital	1,145,873	1,192,833	1,136,466
Property and equipment - net	1,220,998	1,124,365	1,090,592
Long-term debt	607,237	608,434	751,553
Stockholders' equity	\$ 3,356,775	\$ 3,080,813	\$ 2,855,852

About Vishay

Vishay is one of the world's largest manufacturers of discrete semiconductors and passive electronic components. These components are used in virtually all types of electronic devices and equipment, in the industrial, computing, automotive, consumer, telecommunications, military, aerospace, and medical markets.

Vishay's global footprint includes sales offices worldwide, as well as manufacturing plants in China and five other Asian countries, Europe, and the Americas. Vishay has market shares ranging from substantial to number one for each of its products. Its product innovations, successful acquisition strategy, focus on cost reductions, and ability to provide "one-stop shop" service have made Vishay a global industry leader.

About the Cover

The individual product images on the front cover are samples of Vishay's broad product portfolio. (The products are not shown to scale.) In the background are enlarged images of silicon wafers used in semiconductor manufacturing.



Table of Contents

Letter from the Executive Chairman and CEO	2
Semiconductors	4
Passive Components	5
The Vishay Story	6
Vishay Serves Diverse Markets	8
Financial Summary	10
Product List	12
Form 10-K	
Corporate Information	inside back cover

Letter from the Executive Chairman and CEO

Year 2007 was one of the most successful years in Vishay's history. Revenues for 2007 were an all-time record. Our adjusted earnings per share in 2007 were in the same range as 2006. We invested significantly in expansion and reduced costs during 2007. In addition, we successfully integrated the discrete semiconductor product lines from our acquisition of the Power Control Systems (PCS) business of International Rectifier®.

While we are very pleased with our results during 2007, the general economic outlook for 2008 is not good, and most analysts are predicting a bleak year. At the moment, we have no more than three months' visibility at best. However, Vishay is prepared to move quickly with any needed corrections.

Year 2007

Vishay's revenues for 2007 were \$2.83 billion, an increase of 9.8% compared to 2006. Adjusted earnings per share for 2007 were \$0.95, compared to \$0.99 in 2006. The adjustments are associated with restructuring and severance costs, related asset write-downs, a contract termination charge, and other items. (For more details about the adjustments, see the table on the inside front cover.) During 2007, cash generated from continuing operations was \$354 million, compared to \$349 million during 2006.

In April 2007, Vishay completed its acquisition of the PCS business of International Rectifier, which included selected discrete semiconductor and module product lines. These generate annualized sales of approximately \$240 million. The PCS acquisition also included the Automotive Modules and Subsystems Business Unit (ASBU). Vishay has announced that, because the ASBU business does not satisfactorily complement Vishay's operations and does not provide potential synergies, Vishay intends to sell it. Currently, Vishay is in negotiations with interested parties.

Vishay also acquired the on-board weighing systems business of PM Group during 2007. This was part of Vishay's ongoing series of acquisitions to vertically integrate its Measurements Group business, which includes resistance strain gages (in which Vishay is the worldwide leader), transducers (the metallic structures to which strain gages are cemented), electronic instruments that measure and control output of the transducers, and complete systems for process control and on-board weighing applications.

Vishay's capital spending during 2007 was \$200 million. More than 50% of this was for capacity expansion, primarily for discrete semiconductors. In the area of passive components, Vishay added capacity only for specialty products. These included face-down tantalum chip capacitors that feature

Vishay's proprietary multi-array packaging (MAP) technology and film power capacitors.

In November 2007, Vishay received two awards from the National Electronic Distributors Association (NEDA). Vishay was the first company to win awards for both Active Component Manufacturer of the Year and I, P, and E (Interconnect, Passive, and Electromechanical) Component Manufacturer of the Year.

Vishay's research and development (R&D) efforts are on target, and the share of new products released to the market continues to increase. Below are just a few examples of new product platforms and new products released by Vishay in 2007:

- MOSFETs based on a new version of Vishay's TrenchFET® technologies that sets a new record for lowest on-resistance per unit area for p-channel load switching devices and provides the highest efficiency for n-channel PWM switching devices. Both types of devices reduce power losses, extend battery run times, and increase functionality in portable end products
- The MicroSMP™ miniature package for Schottky rectifiers and transient voltage suppressors that provides more power in a smaller package for consumer, telecommunications, automotive, and industrial applications
- An industry-first 8-diode array in Vishay's ultra-compact LLP leadless package that protects against electrostatic discharge while saving space in portable electronics for mobile computing, mobile communication, consumer, industrial, automotive, and medical applications
- A series of compact infrared receiver modules with the industry's highest sensitivity-to-size ratio that is designed for long-range operation in infrared remote control, data transmission, and light barrier applications
- The industry-first HVArc Guard® series of multilayer ceramic chip capacitors that prevents surface arc-over at high voltages, thereby improving the reliability of lighting systems and power supplies for medical, computer, motor control, construction and mining, and telecommunications applications
- A compact surface-mount resistor that uses Vishay's patented Power Metal Strip® technology to provide precision current monitoring of sensitive circuits, such as automotive electronic controls including engine, transmission, and pollution controls
- Ultra-high-precision Bulk Metal® foil resistors built on Vishay's breakthrough Z-foil technology, which provides a significant reduction of the resistive component's sensitivity to ambient temperature variations and applied power changes, and improves stability by an order of magnitude compared to any other resistor technology

Vishay products recently were chosen as finalists for the prestigious *EDN* Innovations Awards and *EE Times* Annual Creativity in Electronics (ACE) Awards. Vishay products that received industry awards in 2007 and early 2008 include the following:

- *analogZONE* Product of the Year award for Best Innovation in Load Switches: Vishay Siliconix SiP4280A and SiP4282 families of p-channel load switches
- International CES Innovations Design and Engineering Award in the Enabling Technologies product category: SMS8021/RFW8021 UHF antenna chip, developed with Siano Mobile Silicon
- *EE Times / eeProductCenter* Most Popular Product of 2007: Vishay HE3 wet tantalum high-energy capacitor
- *Electronic Products China* Product of the Year: Vishay HE3 wet tantalum high-energy capacitor

Financial Highlights

Net revenues for the year ended December 31, 2007 were \$2,833.3 million compared to \$2,581.5 million for the year ended December 31, 2006. Net earnings for the year ended December 31, 2007 were \$130.8 million, or \$0.69 per diluted share, compared with net earnings for the year ended December 31, 2006 of \$139.7 million, or \$0.73 per diluted share. Adjusted net earnings for 2007 and 2006 were \$181.5 million and \$196.1 million respectively, or \$0.95 and \$0.99 per diluted share.

Vishay continued to generate cash from continuing operations during 2007. For the year ended December 31, 2007, the Company's cash flow from operations was \$354.0 million. Purchases of property and equipment for the year ended December 31, 2007 were \$200.0 million, and depreciation and amortization for the year ended December 31, 2007 were \$214.7 million. Free cash (net cash provided by operating activities minus capital expenditures) generated by Vishay in 2007 was \$154.0 million, compared to \$166.2 million in 2006. Our cash balance, including short-term investments, at December 31, 2007 was \$537.3 million.

At December 31, 2007, the long-term debt of Vishay was \$607.2 million (substantially all in convertibles), and stockholders' equity was \$3,356.8 million, resulting in a debt-to-equity ratio of 0.18.

Looking Ahead

In 2008, Vishay will continue to leverage its position as a broad-line manufacturer of discrete semiconductors, passive components, and weighing and measurement products. We anticipate that semiconductor products from Vishay's PCS acquisition will be a focus of new product development and provide synergies with existing Vishay products.

The capacity expansion for semiconductors and specialty passive components that took place during 2007 will continue in 2008. As this will be done strategically, we anticipate that capital expenditures will be reduced by approximately 15% in 2008 compared to 2007.

Vishay revenues in Asia during 2007 surpassed the one billion dollar mark. Year 2008 will provide new opportunities for sales



Dr. Felix Zandman
Executive Chairman of the Board



Dr. Gerald Paul
Chief Executive Officer

in Asia. Vishay has manufacturing plants and sales offices in this region, and will continue to work closely with distribution partners to reach end customers.

Free cash generation is a major focus at Vishay. We generated substantial amounts of free cash during 2007, and expect to do even better in 2008. During 2008, Vishay will continue to seek opportunities for cost reductions. As always, we will continue to focus on R&D, as new products are vital to the organic growth of Vishay. We also will continue to look for strategic acquisitions to enhance our product portfolio, enter new markets, and gain new customers.

Although the general economic outlook for 2008 is not good, Vishay's business strategy has proven to be successful during past downturns in the global electronics industry. As we look ahead, we once again express our gratitude to Vishay's employees, customers, vendors, and strategic business partners for their confidence in Vishay, and thank the Company's shareholders for their support.

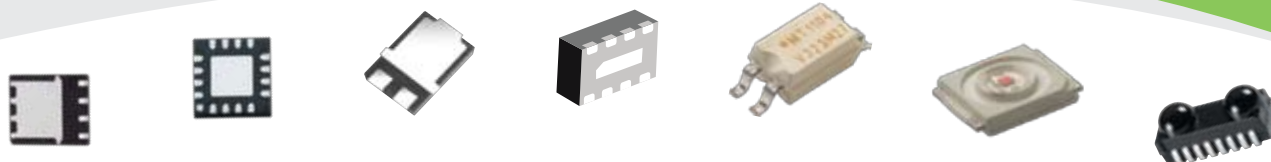
Sincerely,

Dr. Felix Zandman
Executive Chairman of the Board

Dr. Gerald Paul
Chief Executive Officer

Semiconductors

Discrete semiconductors (diodes, transistors, and optoelectronic components) typically perform a single function in electronic circuits, such as switching, amplifying, rectifying, and transmitting electrical signals. Semiconductors are referred to as “active” components because they require power to function.



Siliconix

MOSFETs

Metal-oxide-semiconductor field-effect transistors (MOSFETs) function as solid-state switches to control power. For example, they turn off specific functions of notebook computers and cell phones when these functions are not in use, thereby extending battery life. They also help convert power into levels required by other components. Vishay offers low- and high-voltage Siliconix TrenchFET[®] and planar MOSFETs in innovative package formats to switch and manage power very efficiently.

Integrated Circuits (ICs)

Integrated circuits combine the functions of multiple semiconductor and passive components on a single chip. IC products from Vishay are focused on analog signal switching and routing, power conversion, and power management. They are used in end products such as notebook and desktop computers, cell phones, and fixed telecom systems. Switchmode and linear regulators, MOSFET drivers, bus interface devices, and analog switches and multiplexers are included in the Vishay IC portfolio.

Vishay Semiconductors

Rectifiers

Rectifiers convert alternating current (AC) into direct current (DC), a unidirectional current required for operation of many electronic systems. For example, a bridge rectifier is used in a clock radio to change the AC voltage from a wall outlet to a specific DC voltage. Vishay's patented TMBS[™] rectifiers reduce power losses and improve efficiency in computing, telecommunications, and other applications.

Diodes and Thyristors

Diodes and thyristors are semiconductor components that allow voltage to be conducted in only one direction. Both types of devices are used in a wide range of electronic systems to route, switch, and block RF, analog, and power signals. The Vishay Semiconductors diode portfolio includes Schottky, switching, PIN, sinterglass, and rectifier devices as well as products for transient voltage suppression, ESD protection, and EMI filtering.

RF Transistors

RF transistors amplify analog or digital signals. They are designed specifically to handle small-signal radio frequencies in the front ends of radios, television sets, mobile phones, and other devices to amplify antenna signals.

Optoelectronics

Optoelectronic components emit light, detect light, or do both. Types include infrared data communications devices (IRDCs) for two-way data transfer, optocouplers and solid-state relays for circuit isolation, IR emitters and IR receivers for one-way remote controls (as used in television sets, for example), optical sensors for detection, LEDs for light sources, and 7-segment displays.

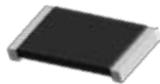
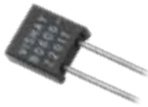
Modules

Modules and assemblies combine several components into a single package. For example, products in Vishay's FunctionPAK[®] dc-to-dc converter family combine up to 20 devices in a single 15-mm by 15-mm package. Modules combining multiple diodes and thyristors address a host of applications from motor drives to line-frequency welding machines.

Vishay's extensive portfolio of semiconductors and passive components can be divided into five groups: Siliconix, Vishay Semiconductors, Resistors/Inductors, Capacitors, and Measurements Group. The pie chart on page 7 titled **Revenue by Product Group 2007** shows the percentage of total Vishay revenue generated by each of these five groups.

Passive Components

Passive components (resistors, capacitors, inductors, transducers) do not require a power supply to handle the signals that pass through them. They are used to store electrical charges, to limit or resist electrical current, and to help in filtering, surge suppression, measurement, timing, and tuning applications.



Resistors/Inductors

Resistive Products

Resistors restrict current flow. Vishay manufactures many different types of resistive products, including single (discrete) resistors based on foil, thin film, thick film, metal oxide film, carbon film, and wirewound technologies, as well as resistor networks and arrays, in which multiple resistors are combined in a single package. Vishay also manufactures thermistors and varistors, which suppress voltage increases due to temperature and voltage changes. Resistors are used in all electronic circuits.

Magnetics

Inductors and transformers are categorized as magnetics. Inductors use an internal magnetic field to change AC current phase and resist AC current. Inductor applications include controlling AC current and voltage and filtering out unwanted electrical signals. Transformers (two inductors on a common core of magnetic material) increase or decrease AC voltage or AC currents.

Capacitors

Capacitors

Capacitors store energy and discharge it when needed. Applications include power conversion, DC-linking, frequency conversion, bypass, decoupling, and filtering. Types of capacitors manufactured by Vishay include tantalum (both solid and wet), ceramic (both multilayer chip and disk), film, power, heavy-current, and aluminum, as well as high-performance, high-precision, silicon-based RF capacitors. Capacitors are used in almost all electronic circuits.

Measurements Group

Strain Gages and Instruments

Strain gages are sensors used to detect stress and other physical forces. They are widely used in weighing, process control, force measurement, and other systems. Related instruments are used to measure, display, and record the information detected by strain gages.

Systems

Systems use transducers and instruments to control process weighing in food, chemical, and pharmaceutical plants. Force measurement systems are used to control web tension in paper mills, roller force in steel mills, and cable tension in winch controls. On-board weighing systems are installed in logging and waste-handling trucks. Special scale systems are used for aircraft weighing and portable truck weighing.

Transducers

Load-cell-type transducers measure weight. For example, in a digital bathroom scale, small strain gages are attached to a transducer that is hidden beneath the platform of the scale. A person's weight pressing down on the transducer causes the strain gage to issue a signal to the electronic system that displays the weight in pounds or kilograms.

PhotoStress®

PhotoStress coatings and instruments use a unique optical process to reveal and measure the distribution of stresses in structures under live load conditions. They are used to improve structural design in aerospace, automotive, military, civil engineering, industrial, and medical applications.

The Vishay Story

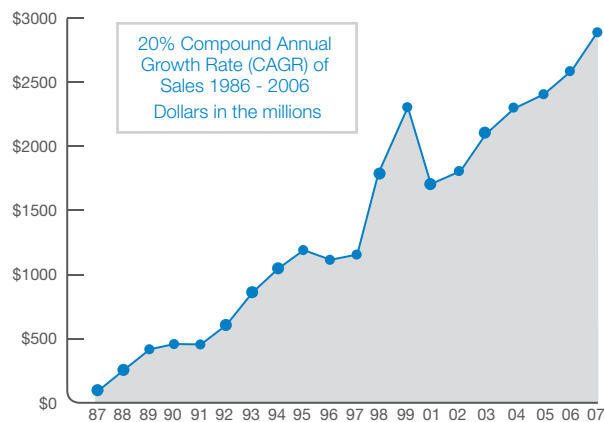
In the 1950s, patents were issued for the PhotoStress[®] products developed by Dr. Felix Zandman. These products reveal and measure stress distribution in airplanes, cars, and other structures under live load conditions. Dr. Zandman's research in this area led him to develop Bulk Metal[®] foil resistors, still the most precise and stable resistors available. Dr. Zandman, with the financial support of Alfred P. Slaner, founded Vishay in 1962 to develop and manufacture Bulk Metal foil resistors. The Company was named after the village in Lithuania where relatives of Dr. Zandman and Mr. Slaner had perished during the Holocaust. The Company's initial product portfolio consisted of foil resistors and foil resistance strain gages.

Passive Component Acquisitions

During the 1960s and 1970s, Vishay became known as the world's leading manufacturer of foil resistors, PhotoStress products, and strain gages. Vishay's subsequent decision to grow through acquisitions proved very successful. Starting in 1985, Vishay acquired resistor companies Dale Electronics, Draloric Electronic, and Sfernice. These acquisitions helped produce dramatic sales growth. In the early 1990s, Vishay applied its acquisition strategy to the capacitor market by purchasing Sprague Electric, Roederstein, and Vitramon.

Vishay's last major passive component acquisition was BCcomponents (former passive component businesses of Philips Electronics and Beyschlag). This 2002 acquisition greatly enhanced Vishay's global market position.

Vishay's Sales Growth



Solutions for Weighing and Measurement

Through acquisitions, Vishay's original strain gage business has become the foundation of an extensive portfolio of products for weighing and measurement that includes resistance strain gages (in which Vishay is the worldwide leader), transducers (the metallic structures to which strain gages are cemented), electronic instruments that measure and control output of the transducers, and complete systems for process control and on-board weighing applications. Vishay manufactures customized systems for process control in paper mills, food processing plants, and other facilities worldwide. Vishay on-board weighing systems are used in the waste-handling, trucking, forestry, quarry and mining, and aerospace industries.

Growth in Semiconductors

In 1998, Vishay acquired the Semiconductor Business Group of TEMIC, which included Telefunken and 80.4% of Siliconix, producers of MOSFETs, RF transistors, diodes, optoelectronics, and power and analog switching integrated circuits. Vishay's next semiconductor acquisition came in 2001, with the purchase of the infrared components business of Infineon Technologies. That was followed the same year by the acquisition of General Semiconductor, a leading global manufacturer of rectifiers and diodes. The addition of Infineon's infrared components group and General Semiconductor enhanced Vishay's existing Telefunken and Siliconix businesses and propelled Vishay into the top ranks of discrete semiconductor manufacturers. In 2005, Vishay purchased the remaining 19.6% of Siliconix shares.

Vishay's most recent semiconductor acquisition comprises selected discrete semiconductor and module product lines from International Rectifier. This acquisition has added manufacturing plants in Italy, China, and India and provided products that are new to Vishay: high-voltage planar MOSFETs and high-power diodes and thyristors. It further enhances Vishay's market position in discrete semiconductors.

Successful Strategy, Financial Strength

Vishay's focus on innovation and growth through acquisition has enabled it to remain financially strong during periodic downturns in the highly cyclical electronics industry. Vishay's historically strong cash generation has provided money to acquire other companies and businesses. The result is a 20% compound annual growth rate of revenues during the past 20 years. In the process, Vishay has become a truly international company — a leader in the global electronics industry that sells into all geographic markets and all relevant market segments.

Meeting Customer Needs

Vishay's customer mix includes original equipment manufacturers (OEMs), electronic manufacturing services (EMS) companies that manufacture for OEMs on an outsourcing basis, and distributors that, depending on their size, sell to end customers at an international, regional, or local level. Vishay's global sales force includes direct field sales personnel, independent sales representatives, and field application engineers (FAEs). Vishay's FAE team provides technical and applications support to customers. Its efforts focus on getting design engineers to include Vishay components in the new end products they are developing. When the FAEs highlight new Vishay components and seek to have them "designed in" to end products being developed by design engineers, they have at their disposal Vishay's extensive product portfolio — one of the industry's broadest.

From a customer perspective, Vishay's "one-stop shop" service for complete discrete component solutions provides key benefits: Customers are able to streamline their design and purchasing processes by ordering multiple types of components from Vishay. Customers can send their bills of materials to Vishay and ask that Vishay cross-reference Vishay products in all categories. In addition, Vishay's product sample service for design engineers provides free product samples worldwide.

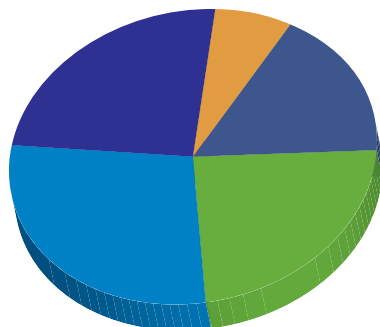
Growth through R&D

Vishay generates a steady stream of new components to help designers create innovative end products — from ultra-thin notebook computers to implantable medical devices to advanced engine controls.

While many Vishay products are commodity products, others are high-margin specialty products based on proprietary technology. Vishay's mix of commodity and specialty products moderates the price erosion that is a fact of life in the electronics industry. Some leading Vishay products that are well established in the marketplace have been licensed by Vishay to other companies. Other industry-first Vishay products are still relatively new, and thus have significant potential to gain market share.

One measure of Vishay's successful ability to meet market demand is industry awards. Awards to Vishay in 2007 and early 2008 included the *analogZONE* Product of the Year award for Best Innovation in Load Switches, the International CES Innovations Design and Engineering Award in the Enabling Technologies category, the *EE Times / eeProductCenter* Most Popular Product of 2007, and the *Electronic Products China* Product of the Year award.

Revenue by Product Group 2007



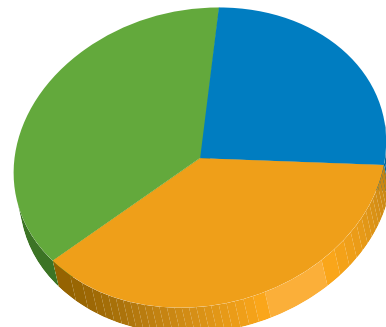
Semiconductors 53%

- Siliconix 24%
- Vishay Semiconductors 29%

Passive Components 47%

- Measurement Group 7%
- Capacitors 17%
- Resistors/Inductors 23%

Revenue by Region 2007



- Asia 38%
- Americas 24%
- Europe 38%

Industry Rankings

Discrete Semiconductors

Number 1 worldwide in low-voltage power MOSFETs
 Number 1 worldwide in rectifiers
 Number 1 worldwide in glass diodes
 Number 1 worldwide in infrared components
 ...and others

Passive Components

Number 1 worldwide in wirewound and other power resistors
 Number 1 worldwide in foil, SMD thin film, and leaded film resistors
 Number 1 worldwide in wet tantalum capacitors
 Number 1 worldwide in strain gage sensors and load cells
 ..and others

Vishay Serves Diverse Markets

Vishay components are used by virtually all major American and European manufacturers of electronic products, as well as by most major Asian manufacturers of electronic products.

Industrial

From oil drilling platforms to wind power turbines, from heavy machinery in food processing plants to barcode scanners at supermarket check-out counters — myriad industrial applications depend on electronic components to help manage and convert power, process data, control motors, and perform other vital functions. Vishay is a leading producer of components that handle wide voltage and current ranges, extreme temperatures, and other environmental stresses. Electric power generation plants, high-voltage transmission lines, automated factory equipment, heating and air conditioning systems, lighting, trains, elevators, automatic teller machines — these and other industrial products and systems use types of electronic components manufactured by Vishay.



Vishay Customer Base

Alcatel-Lucent	HP
Apple	IBM
Acer	Jabil
Arrow	LG Electronics
Array	Motorola
Astec/Emerson	Nokia
Asus	Nintendo
Avnet	Philips
Bosch	Quanta
Celestica	Rutronik
Cisco	Ryoden
Compal	Samsung
Continental	Sanmina-SCI
Dell	Siemens
Delphi	Sony
Delta	TTI
Ericsson	Tomen
Flextronics	WPI
Foxconn	...and others
Future	

Computing

Computers of all kinds contain microprocessors — the complex integrated circuits that perform calculations and coordinate activities. Supporting the microprocessors are discrete semiconductors and passive components. From network servers to notebooks, computers must handle the current levels and heat associated with rapid microprocessing speeds. Vishay components dissipate heat, support disk drive motor controls and graphics cards, suppress radio frequency interference (RFI), protect against electrical shock, and more. In portable computing devices, they monitor power usage, extend battery life, and enable short-range, two-way communication. Vishay components also are used in printers, scanners, photocopiers, and other computing and digital imaging hardware.

Automotive

Automobiles — whether they run on gas, battery power, or alternative fuels — employ electronic control units (ECUs) for functions including engine control, steering, braking, traction control, emission control, airbag deployment, security, heating and air conditioning, lighting, and onboard entertainment. Vishay components are essential parts of automotive ECUs. Very hot under-the-hood temperatures, cold weather conditions, and vibration are just some of the stresses placed upon automotive components. Reliability is critical. Vishay manufactures a variety of components that meet the high quality and reliability standards set by the automotive industry. Vishay components help to provide driver safety, security, and comfort, and are used in vehicle information and entertainment systems.

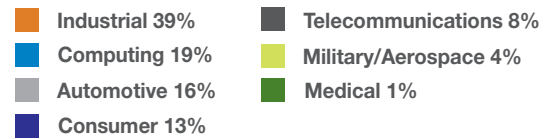
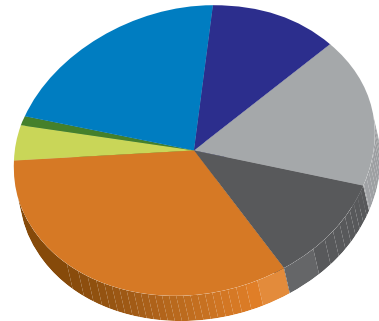
Consumer

The consumer market ranges from handheld audio, video, and gaming devices to large household appliances. Vishay components are used to extend battery life and perform other functions in portable entertainment devices, electronic toys, and power tools. They are part of the electronic circuits for cable and satellite television, flat-panel video displays, and wireless remote controls. They also are used in “white goods” — refrigerators, washers and dryers, microwaves, and other common household appliances — for motor control, temperature sensing and overtemperature protection, capacitive discharge, short-term pulsing, power dissipation, voltage division, dc-to-dc conversion, and more.

Telecommunications

Mobile phones are increasingly complex devices with audio, text, and imaging capabilities. Vishay components are used in mobile and landline (wired) phones, battery chargers and adapters, PCMCIA cards and dongles for Bluetooth®, and remote controls for wireless data communications. Key applications include detection, modulation, and mixing of radio frequency (RF) signals; power management; audio signal switching; filtering of unwanted noise and suppression of electromagnetic interference (EMI) and radio frequency interference (RFI); and protection against electrostatic discharge (ESD). Supporting and enabling phone-based communications are satellites, base stations, and other parts of the global telecommunications infrastructure. Vishay components are used here as well.

Revenue By End Market 2007



Military and Aerospace

Vishay manufactures one of the industry's broadest lines of military-qualified resistors, capacitors, and inductors. The Company also produces customized components for military and aerospace customers. Vishay components are used in cockpit equipment, GPS navigation, radar and sonar units, radio and satellite communications, weapons such as missiles and torpedoes, and other military, space, airborne, and aerospace systems. They are designed to withstand extreme temperatures, intense vibration, high humidity, and other environmental stresses. Vishay's focus on innovation and commitment to product quality have enabled it to build strong relationships with leading military and aerospace customers.

Medical

The growing medical electronics market includes implantable devices, instrumentation, and communications systems. Implantable devices include glucose monitors for diabetics, nerve stimulators to control symptoms of Parkinson's disease, and pacemakers, defibrillators, and stents to prevent and treat heart problems. Instrumentation ranges from small blood pressure cuffs to large imaging, radiation, and ventilator equipment. Communications systems link medical staff and patients. Vishay is a leading manufacturer of telemetry coils for pacemakers and defibrillators, transformers for defibrillators, and tantalum capacitors for hearing aids. It provides close engineering support to medical customers. Each advance in medical technology provides new opportunities for Vishay.

Summary Of Operations

in thousands, except per share amounts	2007	2006	2005	2004
Net revenues	\$ 2,833,266	\$ 2,581,477	\$ 2,296,521	\$ 2,414,654
Cost of products sold	2,138,438	1,916,658	1,769,978	1,842,080
Loss (gain) on purchase commitments	-	5,687	(963)	16,613
Gross profit	694,828	659,132	527,506	555,961
Selling, general, and administrative expenses	439,017	403,027	377,114	386,346
Amortization of goodwill	-	-	-	-
Other operating expenses (credits)	37,443	46,905	54,633	76,046
Operating profit (loss)	218,368	209,200	95,759	93,569
Other income (expense)				
Interest expense	(28,652)	(32,215)	(33,590)	(34,252)
Other	15,948	14,565	15,603	10,700
Total other income (expense)	(12,704)	(17,650)	(17,987)	(23,552)
Income (loss) from continuing operations				
before taxes and minority interest	205,664	191,550	77,772	70,017
Income tax provision (benefit)	64,133	50,836	11,737	13,729
Minority interest	1,180	978	3,761	11,592
Income (loss) from continuing operations	140,351	139,736	62,274	44,696
Loss from discontinued operations	(9,587)	-	-	-
Net earnings (loss)	\$ 130,764	\$ 139,736	\$ 62,274	\$ 44,696
Earnings (loss) per share				
Basic	\$ 0.70	\$ 0.76	\$ 0.35	\$ 0.27
Diluted	\$ 0.69	\$ 0.73	\$ 0.34	\$ 0.27
Shares used in computing earnings (loss) per share				
Basic	185,646	184,400	177,606	163,701
Diluted	198,226	210,316	189,321	165,938

Financial Data

in thousands, except per share amounts	2007	2006	2005	2004
Cash, cash equivalents, and short-term investments	\$ 537,295	\$ 671,586	\$ 632,502	\$ 632,700
Working capital	1,145,873	1,192,833	1,136,466	1,168,383
Current ratio	2.92	3.23	3.42	3.27
Property and equipment, net	1,220,998	1,124,365	1,090,592	1,171,815
Capital expenditures	200,027	183,298	136,714	158,627
Depreciation and amortization	214,691	196,963	188,900	202,580
Total assets	4,995,235	4,691,896	4,527,591	4,638,590
Long-term debt	607,237	608,434	751,553	752,145
Stockholders' equity	3,356,775	3,080,813	2,855,852	2,773,335

Note: This table should be read in conjunction with the related consolidated financial statements and accompanying notes and management's discussion and analysis of financial condition and results of operations. Earnings per share amounts and weighted average shares outstanding have been retroactively restated for stock dividends and stock splits.

2003	2002	2001	2000	1999	1998	1997
\$ 2,170,597	\$ 1,822,813	\$ 1,655,346	\$ 2,465,066	\$ 1,760,091	\$ 1,572,745	\$ 1,125,219
1,690,267	1,454,540	1,273,827	1,459,784	1,299,705	1,189,107	858,020
11,392	106,000	-	-	-	-	-
468,938	262,273	381,519	1,005,282	460,386	383,638	267,199
380,011	310,509	278,171	297,315	254,282	234,840	136,876
-	-	11,190	11,469	12,360	12,272	7,218
29,560	30,970	77,908	-	-	42,601	14,503
59,367	(79,206)	14,250	696,498	193,744	93,925	108,602
(39,226)	(29,503)	(16,848)	(25,177)	(53,296)	(49,038)	(18,819)
26,285	8,664	12,701	18,904	(5,737)	(2,241)	(222)
(12,941)	(20,839)	(4,147)	(6,273)	(59,033)	(51,279)	(19,041)
46,426	(100,045)	10,103	690,225	134,711	42,646	89,561
11,528	(16,900)	5,695	148,186	36,940	30,624	34,167
8,056	9,469	3,895	24,175	14,534	3,810	2,092
26,842	(92,614)	513	517,864	83,237	8,212	53,302
-	-	-	-	-	-	-
\$ 26,842	\$ (92,614)	\$ 513	\$ 517,864	\$ 83,237	\$ 8,212	\$ 53,302
\$ 0.17	\$ (0.58)	\$ 0.00	\$ 3.83	\$ 0.66	\$ 0.07	\$ 0.42
\$ 0.17	\$ (0.58)	\$ 0.00	\$ 3.77	\$ 0.66	\$ 0.07	\$ 0.42
159,631	159,413	141,171	135,295	126,678	126,665	126,627
160,443	159,413	142,514	137,463	128,233	126,797	126,904

2003	2002	2001	2000	1999	1998	1997
\$ 555,540	\$ 339,938	\$ 367,115	\$ 337,213	\$ 105,193	\$ 113,729	\$ 55,263
1,049,892	897,456	1,096,034	1,057,200	604,150	650,483	455,134
2.81	2.56	3.29	3.53	2.87	3.13	3.38
1,213,600	1,274,850	1,167,533	973,554	930,545	997,067	709,142
126,635	110,074	162,493	229,781	119,638	151,682	78,074
194,055	180,748	163,387	140,840	139,676	127,947	81,874
4,566,360	4,315,159	3,951,523	2,783,658	2,323,781	2,462,744	1,719,648
836,606	706,316	605,031	140,467	656,943	814,838	347,463
2,514,034	2,358,787	2,366,545	1,833,855	1,013,592	1,002,519	959,648

Product List

Semiconductors

Rectifiers

- Schottky (single, dual)
- Standard, Fast and Ultra-Fast Recovery (single, dual)
- Bridge
- Superectifier®
- Sinterglass Avalanche Diodes

High-Power Diodes and Thyristors

- High-Power Fast-Recovery Diodes
- Phase-Control Thyristors
- Fast Thyristors

Small-Signal Diodes

- Schottky and Switching (single, dual)
- Tuner/Capacitance (single, dual)
- Bandswitching
- PIN

Zener and Suppressor Diodes

- Zener (single, dual)
- TVS (TRANSZORB®, Automotive, ESD, Arrays)

FETs

- Low-Voltage TrenchFET® Power MOSFETs
- High-Voltage TrenchFET® Power MOSFETs
- High-Voltage Planar MOSFETs
- JFETs

RF Transistors

- Bipolar Transistors (AF and RF)
- Dual Gate MOSFETs
- MOSMICs®

Optoelectronics

- IR Emitters and Detectors, and IR Receiver Modules
- Optocouplers and Solid-State Relays
- Optical Sensors
- LEDs and 7-Segment Displays
- Infrared Data Transceiver Modules
- Custom Products

ICs

- Power ICs
- Analog Switches
- RF Transmitter and Receiver Modules
- ICs for Optoelectronics

Modules

- Power Modules (contain power diodes, thyristors, MOSFETs, IGBTs)
- DC/DC Converters

Passive Components

Resistive Products

- Foil Resistors
- Film Resistors
 - Metal Film Resistors
 - Thin Film Resistors
 - Thick Film Resistors
 - Metal Oxide Film Resistors
 - Carbon Film Resistors
- Wirewound Resistors
- Power Metal Strip® Resistors
- Chip Fuses
- Variable Resistors
 - Cermet Variable Resistors
 - Wirewound Variable Resistors
 - Conductive Plastic Variable Resistors
- Networks/Arrays
- Non-Linear Resistors
 - NTC Thermistors
 - PTC Thermistors
 - Varistors

Magnetics

- Inductors
- Transformers

Capacitors

- Tantalum Capacitors
 - Molded Chip Tantalum Capacitors
 - Coated Chip Tantalum Capacitors
 - Solid Through-Hole Tantalum Capacitors
 - Wet Tantalum Capacitors
- Ceramic Capacitors
 - Multilayer Chip Capacitors
 - Disc Capacitors
- Film Capacitors
- Power Capacitors
- Heavy-Current Capacitors
- Aluminum Capacitors
- Silicon RF Capacitors

Strain Gage Transducers and Stress

Analysis Systems

- PhotoStress®
- Strain Gages
- Load Cells
- Force Transducers
- Instruments
- Weighing Systems
- Specialized Strain Gage Systems