

**PART I**

**ITEM 1. BUSINESS**

**Cautionary Statement Regarding Forward-Looking Statements**

*The statements in this report include forward-looking statements. These forward-looking statements are based on current expectations and beliefs and involve numerous risks and uncertainties that could cause actual results to differ materially from expectations. These forward-looking statements should not be relied upon as predictions of future events as we cannot assure you that the events or circumstances reflected in these statements will be achieved or will occur. You can identify forward-looking statements by the use of forward-looking terminology including “believes,” “expects,” “may,” “will,” “should,” “seeks,” “intends,” “plans,” “pro forma,” “estimates,” or “anticipates” or the negative of these words and phrases or other variations of these words and phrases or comparable terminology. The forward-looking statements relate to, among other things: demand for our products; the growth, change and competitive landscape of the markets in which we participate; our ability to obtain sufficient external financing on favorable terms, or at all; the nature and extent of our future payments to GLOBALFOUNDRIES Inc. (GF) and the materiality of these payments; the materiality of our future purchases from GF; our ability to negotiate a fourth amendment to the WSA with GF; future patent applications; sales patterns of our semi-custom System-on-Chip products for game consoles; expenditures related to environmental compliance and conflict minerals disclosure requirements; PC market conditions; the success of our transformation strategy; our ability to transform our business to attain approximately 50% of revenue from high-growth markets by the end of 2015; the decline of royalty revenue received from third parties as we transition to a semi-custom business model; the level of international sales as compared to total sales; that we will sample our first ARM technology-based AMD Opteron™ processor for servers in the first quarter of 2014; that our cash, cash equivalents and marketable securities and available external financing will be sufficient to fund our operations including capital expenditures over the next twelve months; our dependence on a small number of customers; our hedging strategy; and the timing of the implementation of certain ENERGYSTAR specifications. Material factors and assumptions that were applied in making these forward-looking statements include, without limitation, the following: the expected rate of market growth and demand for our products and technologies (and the mix thereof); GF’s manufacturing yields and wafer volumes; our expected market share; our expected product costs and average selling price; our overall competitive position and the competitiveness of our current and future products; our ability to introduce new products, consistent with our current roadmap; our ability to make additional investment in research and development and that such opportunities will be available; the expected demand for computers; and the state of credit markets and macroeconomic conditions. Material factors that could cause actual results to differ materially from current expectations include, without limitation, the following: that Intel Corporation’s pricing, marketing and rebating programs, product bundling, standard setting, new product introductions or other activities may negatively impact our plans; that we will require additional funding and may be unable to raise sufficient capital on favorable terms, or at all; that customers stop buying our products or materially reduce their operations or demand for our products; that we may be unable to develop, launch and ramp new products and technologies in the volumes that are required by the market at mature yields on a timely basis; that our third-party foundry suppliers will be unable to transition our products to advanced manufacturing process technologies in a timely and effective way or to manufacture our products on a timely basis in sufficient quantities and using competitive process technologies; that we will be unable to obtain sufficient manufacturing capacity or components to meet demand for our products or will not fully utilize our projected manufacturing capacity needs at GF’s microprocessor manufacturing facilities; that our requirements for wafers will be less than the fixed number of wafers that we agreed to purchase from GF or GF encounters problems that significantly reduce the number of functional die we receive from each wafer; that we are unable to successfully implement our long-term business strategy; that we inaccurately estimate the quantity or type of products that our customers will want in the future or will ultimately end up purchasing, resulting in excess or obsolete inventory; that we are unable to manage the risks related to the use of our third-party distributors and add-in-board (AIB) partners or offer the appropriate incentives to focus them on the sale of our products; that we may be unable to maintain the level of investment in research and development that is required to remain competitive; that there may be unexpected variations in*

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*market growth and demand for our products and technologies in light of the product mix that we may have available at any particular time; that global business and economic conditions will not improve or will worsen; that PC market conditions do not improve or will worsen; that demand for computers will be lower than currently expected; and the effect of political or economic instability, domestically or internationally, on our sales or supply chain.*

*For a discussion of the factors that could cause actual results to differ materially from the forward-looking statements, see “Part I, Item 1A—Risk Factors” and the “Financial Condition” section set forth in “Part II, Item 7—Management’s Discussion and Analysis of Financial Condition and Results of Operations,” or MD&A, beginning on page 41 below and such other risks and uncertainties as set forth below in this report or detailed in our other Securities and Exchange Commission (SEC) reports and filings. We assume no obligation to update forward-looking statements.*

### **General**

We are a global semiconductor company with facilities around the world. Within the global semiconductor industry, we offer primarily:

- Computing Solutions—comprised of x86 microprocessors, as standalone devices or as incorporated as an accelerated processing unit (APU), chipsets, embedded processors and dense servers; and
- Graphics and Visual Solutions—comprised of graphics processing units (GPUs), including professional graphics, semi-custom System-on-Chip (SOC) products, development services and technology for game consoles.

For financial information about geographic areas and for segment information with respect to revenues and operating results, refer to the information set forth in Note 13 of our consolidated financial statements, beginning on page 96 below.

### **Additional Information**

We were incorporated under the laws of Delaware on May 1, 1969 and became a publicly held company in 1972. Since 1979, our common stock has been listed on the New York Stock Exchange under the symbol “AMD.” Our mailing address and executive offices are located at One AMD Place, Sunnyvale, California 94088, and our telephone number is (408) 749-4000. References in this Annual Report on Form 10-K to “AMD,” “we,” “us,” “management,” “our” or the “Company” mean Advanced Micro Devices, Inc. and our consolidated subsidiaries.

AMD, the AMD Arrow logo, ATI, the ATI logo, AMD Athlon, AMD Opteron, AMD Phenom, AMD Sempron, AMD Turion, FirePro, CrossFire, Radeon, Geode, SeaMicro and combinations thereof are trademarks of Advanced Micro Devices, Inc. Microsoft, Windows, Xbox360 and Xbox One are registered trademarks of Microsoft Corporation in the United States and/or other jurisdictions. PlayStation is a registered trademark of Sony Computer Entertainment, Inc. Wii and Wii U are registered trademarks of Nintendo of America, Inc. Other names are for informational purposes only and are used to identify companies and products and may be trademarks of their respective owners.

### **Web Site Access to Company Reports and Corporate Governance Documents**

On the Investor Relations pages of our Web site, [www.amd.com](http://www.amd.com), we post links to our filings with the Securities and Exchange Commission (SEC), our Principles of Corporate Governance, our Code of Ethics for our Executive Officers and all other senior finance executives, our “Worldwide Standards of Business Conduct,” which applies to our Board of Directors and all of our employees, and the charters of the Audit and Finance, Compensation, Nominating and Corporate Governance and Innovation and Technology committees of our Board

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of Directors. Our filings with the SEC are posted as soon as reasonably practical after they are electronically filed with, or furnished to, the SEC. You can also obtain copies of these documents by writing to us at: Secretary, AMD, 7171 Southwest Parkway, M/S 100, Austin, Texas 78735, or emailing us at: [Corporate.Secretary@amd.com](mailto:Corporate.Secretary@amd.com). All of these documents and filings are available free of charge.

If we make substantive amendments to our Code of Ethics or grant any waiver, including any implicit waiver, to our principal executive officer, principal financial officer, principal accounting officer, controller or persons performing similar functions, we intend to disclose the nature of such amendment or waiver on our Web site or in a Current Report on Form 8-K in accordance with applicable rules and regulations.

The information contained on our Web site is not incorporated by reference in, or considered to be a part of, this report.

### **Our Industry**

Semiconductors are components used in a variety of electronic products and systems. An integrated circuit, or IC, is a semiconductor device that consists of many interconnected transistors on a single chip. Since the invention of the transistor in 1948, improvements in IC process and design technologies have led to the development of smaller, more complex and more reliable ICs at a lower cost per function.

### **Computing Solutions**

#### ***The x86 Microprocessor Market***

##### ***Central Processing Unit (CPU)***

A microprocessor is an IC that serves as the CPU of a computer. It generally consists of hundreds of millions of transistors that process data and control other devices in the system, acting as the brain of the computer. The performance of a microprocessor is a critical factor impacting the performance of a computer and numerous other electronic systems. The principal elements used to measure CPU performance are work-per-cycle (or how many instructions are executed per cycle), clock speed (representing the rate at which a CPU's internal logic operates, measured in units of gigahertz, or billions of cycles per second) and power consumption. Other factors impacting microprocessor performance include the number of cores in a microprocessor, the bit rating of the microprocessor, memory size and data access speed.

Developments in circuit design and manufacturing process technologies have resulted in significant advances in microprocessor performance. Currently, microprocessors are designed to process 32 bits or 64 bits of information at one time. The bit rating of a microprocessor generally denotes the largest size of numerical data that a microprocessor can handle. Microprocessors with 64-bit processing capabilities enable systems to have greater performance by allowing software applications and operating systems to access more memory.

Moreover, as businesses and consumers require greater performance from their computer systems due to the growth of digital data and increasingly sophisticated software applications, semiconductor companies are designing and developing multi-core microprocessors, where multiple processor cores are placed on a single die or in a single processor. Multi-core microprocessors offer enhanced overall system performance and efficiency because computing tasks can be spread across two or more processing cores each of which can execute a task at full speed. Multiple processor cores packaged together can increase performance of a computer system without greatly increasing the total amount of power consumed and the total amount of heat emitted. This type of "symmetrical multiprocessing" is effective in multi-tasking environments where multiple cores can enable operating systems to prioritize and manage tasks from multiple software applications simultaneously and also for "multi-threaded" software applications where multiple cores can process different parts of the software program, or "threads," simultaneously thereby enhancing performance of the application. Businesses and consumers also require computer systems with improved power management technology, which allows them to reduce the power consumption of their computer systems thereby reducing the total cost of ownership.

### ***Accelerated Processing Unit (APU)***

While general purpose computer architectures based on the x86 architecture are sufficient for many customers, we believe that an architecture that optimizes the use of a CPU and GPU for a given workload can provide a substantial improvement in user experience, performance and energy efficiency. As the volume of digital media increases, we believe end users can benefit from an accelerated computing architecture. An accelerated computing architecture enables “offloading” of selected tasks, thereby optimizing the use of multiple computational units such as the CPU and GPU, depending on the application or workload. For example, serial workloads are better suited for CPUs, while highly parallel tasks may be better performed by a GPU. Our AMD APU combines our CPU and GPU onto a single piece of silicon. We believe that high performance computing workloads, workloads that are visual in nature and even traditional applications such as photo and video editing or other multi-media applications can benefit from our accelerated computing architecture.

### ***Microprocessor Products***

We currently design, develop and sell microprocessor products for desktop PCs, notebooks, tablets, hybrids, servers and embedded products. Our microprocessors and chipsets are incorporated into computing platforms that also include GPUs and core software to enable and advance the computing components. A platform is a collection of technologies that are designed to work together to provide a more complete computing solution. We believe that integrated, balanced platforms consisting of microprocessors, chipsets and GPUs that work together at the system level bring end users improved system stability, increased performance and enhanced power efficiency. Furthermore, by combining all of these elements onto a single piece of silicon as an APU or an SOC, we believe system performance and power efficiency is further improved. An SOC is a type of IC with a CPU, GPU and other components, such as a memory controller and peripheral management, comprising a complete computing system on a single chip. In addition to the enhancements at the end-user level, we believe our customers also benefit from an all-AMD platform, as we are able to provide them with a single point of contact for the key platform components and enable them to bring the platforms to market faster in a variety of client and server system form factors.

Our CPUs and APUs are currently manufactured primarily using 65 nanometer (nm), 45nm, 40nm, 32nm and 28nm process technologies. We currently base our microprocessors and chipsets on the x86 instruction set architecture and AMD’s Direct Connect Architecture, which connects an on-chip memory controller and input/output, or I/O, channels directly to one or more microprocessor cores. We typically integrate two or more processor cores onto a single die, and each core has its own dedicated cache, which is memory that is located on the semiconductor die, permitting quicker access to frequently used data and instructions. Some of our microprocessors have additional levels of cache such as L2, or second-level cache, and L3, or third-level cache, to enable faster data access and higher performance.

Energy efficiency and power consumption continue to be key design principles for our products. We focus on continually improving power management technology, or “performance-per-watt.” To that end, we offer CPUs, APUs and chipsets with features that we have designed to reduce system-level energy consumption, with multiple low power states which utilize lower clock speeds and voltages that reduce processor power consumption during both active and idle times. We design our CPUs and APUs to be compatible with operating system software such as the Microsoft® Windows® family of operating systems, Linux®, NetWare®, Solaris and UNIX.

Our AMD family of APUs represents a new approach to processor design and software development, delivering serial, parallel and visual compute capabilities for high definition (HD) video, 3D and data-intensive workloads in the APU. APUs combine high-performance serial and parallel processing cores with other special-purpose hardware accelerators. We design our APUs for improved visual computing, security, performance-per-watt and smaller device form factors. Having the CPU and GPU on the same chip reduces the system power and bill-of-materials, speeds the flow of data between the CPU and GPU through shared memory and allows the GPU to function as both a graphics engine and an application accelerator in highly efficient computing platforms.

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Building on the integration of our CPU and GPU onto a single piece of silicon, we are focused on evolving our accelerated computing architecture so that software programmers develop applications to more fully utilize the full serial and parallel compute capabilities of our APUs. Heterogeneous Systems Architecture (HSA) describes an industry standard that is an overarching design for having combinations of CPU and GPU processor cores operate as a unified engine. We are a founding member of the HSA Foundation, a non-profit organization established to define and promote this open standards-based approach to heterogeneous computing.

**Desktop.** Our APUs for desktop PC platforms consist primarily of the AMD A-Series and AMD E-Series APUs. We also offer AMD FX CPUs for the enthusiast market. We designed the desktop AMD A-Series APU, codenamed “Trinity,” for mainstream desktop platforms, and it is available primarily in quad- and dual-core versions with a variety of discrete-level graphics configurations. In June 2013, we announced the 2013 Elite A-Series APU, codenamed “Richland,” which offers improved performance and power efficiency compared to prior AMD APUs. In January 2014, we began shipping the AMD A10-7850K and A10-7700K, codenamed “Kaveri,” for desktops. “Kaveri” is the world’s first APU to include HSA features, AMD TrueAudio technology for improved fidelity and immersive audio, and performing gaming experience of AMD’s Mantle application programming interface, or API. Mantle allows game developers to more easily take advantage of the full capability of our graphic core next architecture. The latest generation of AMD FX CPUs are based on the “Piledriver” x86 multi-core architecture, are designed for multitasking, high resolution gaming and HD media processing and come in eight-, six- and quad-core versions.

**Notebook, Tablet, Hybrid.** Consumers continue to demand thinner and lighter mobile platforms with better entertainment performance and longer battery life. In response to this demand, we continue to invest in designing and developing high performing and low power notebook platforms. Our notebook processors consist primarily of performance AMD A-Series APUs, and AMD E-Series APUs. We designed the AMD A-Series APU, codenamed “Trinity,” for mainstream and ultrathin notebooks, and we designed our AMD E-Series APUs for mainstream notebooks. Our APUs for notebook platforms combine discrete-level AMD Radeon™ graphics, dedicated HD video processing and multi-core CPU processors on a single die which are designed for maximum performance and power efficiency. In March 2013, we launched our next generation 2013 AMD Elite Performance A-Series APUs, codenamed “Richland,” designed to deliver innovative user experiences such as facial log-in and gesture recognition for premium ultrathin, traditional and performance notebooks. In May 2013, we launched our next generation 2013 AMD Mainstream quad-core x86 SOC, codenamed “Kabini,” designed for entry-level and small-form factor touch notebooks, and the 2013 AMD Elite Mobility SOC, codenamed “Temash,” our first 28nm, quad-core x86 SOC designed for small form-factor notebooks, tablets and hybrids 13 inches and below. We introduced the AMD Elite Quad-Core A4-1350 APU for tablets, hybrids and small-screen touch notebooks in September 2013.

**Server.** A server is a system that performs services for connected customers as part of a client-server architecture. Servers are designed to run an application or applications often for extended periods of time with minimal human intervention. Examples of servers include web servers, e-mail servers and print servers. These servers can run a variety of applications, including business intelligence, enterprise resource planning, customer relationship management and advanced scientific or engineering models to solve advanced computational problems in disciplines ranging from financial modeling to weather forecasting to oil and gas exploration. Servers are also used in cloud computing, which is a computing model where data, applications and services are delivered over the internet or an intranet.

Our microprocessors for server platforms consist of our AMD Opteron™ 6000, 4000, 3000 CPU and X1150/X2150 APU series platform processors. In addition, to offering microprocessors for servers, we offer dense server systems, designed to reduce power consumption and improve space efficiency for data centers. Our dense server products include the SeaMicro SM15000™ server, as well as AMD’s SeaMicro Freedom™ Fabric Storage series of storage enclosures. Our fabric technology, the SeaMicro Freedom™ supercompute fabric, interconnects hundreds of card-sized motherboards and reduces the need for data networking equipment and eliminates hundreds of cables, simplifying data center operations. We designed this fabric to reduce sever system

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power consumption while providing lower latency and higher bandwidth interconnections. In May 2013, we launched our Opteron™ X Series processors, a new family of high density, low power servers. Also in January 2014, we announced that we would sample AMD Opteron A-Series processor, codenamed “Seattle,” in the first quarter of 2014, our first 64-bit ARM-based server CPU using 28nm process technology.

### ***Embedded Processor Products***

Our embedded products address customer needs in PC-adjacent markets. Typically, our embedded products are used in applications that require high to moderate levels of performance, where key features include low cost, mobility, low power and small form factor. High performance graphics are increasingly important in many embedded systems. Customers of our embedded products include vendors in industrial control and automation, digital signage, point of sale/self-service kiosks, medical imaging, set-top box and casino gaming machines as well as enterprise class telecommunications, networking, security, storage systems and thin-clients, or computers that serve as an access device on a network.

The embedded market has moved from developing proprietary, custom designs to leveraging the industry-standard x86 instruction set architecture as a way to reduce costs and speed time to market. Customer requirements for these systems include very low power for small enclosures and 24x7 operation, support for Linux, Windows and other operating systems and high-performance for increasingly sophisticated applications. Other requirements include advanced specifications for industrial temperatures, shock, vibration and reliability.

Our embedded platforms include options from the AMD Embedded Geode™ LX family and AMD Opteron Processor family. In July 2013, we extended our embedded SOC product portfolio with the launch of a new low power AMD G-Series SOC for fanless designs. A fanless design is one that, instead of using a fan for cooling, relies on other means, such as convection cooling, to transport heat away from certain components. In August 2013, we launched the AMD Embedded R-Series high performance computing platform for high-end digital gaming and signage.

### ***Chipset Market and Products***

A chipset is the set of components that manages data flow between a processor or processors, memory and peripherals, such as the keyboard, mouse, monitor, hard drive and CD or DVD drive. Chipsets perform essential logic functions, and balance the performance of the system and aid in removing bottlenecks. Chipsets often include graphics, audio, video and other capabilities. All desktop PCs, notebooks and servers that are not powered by an SOC have a chipset. In many PCs, the chipset includes a GPU. A GPU within the chipset solution is commonly known as an integrated graphics processor (IGP), and such a chipset may be called an IGP chipset. A discrete GPU is usually required in non-APU based systems that do not have an IGP. By not necessitating a discrete GPU, IGP chipsets can offer a lower cost solution and reduced power consumption and enable smaller system form factors. With our APU architecture, the GPU is included in the APU. For systems that are not powered by an SOC, an AMD Controller Hub chip performs the input and output functions of the chipset. We believe that either the use of an SOC or the combination of an APU and the AMD Controller Hub will eventually replace our market for IGP chipsets.

Our portfolio of chipset products includes chipsets with and without IGPs for desktop PCs and servers, and AMD Controller Hub-based chipsets for our APUs. We offer AMD M880G and M780G chipsets for notebooks, and we offer AMD 9-Series, 8-Series, 7-Series Discrete and AMD 7-Series Integrated chipsets for desktop PCs. We also offer AMD 785E, SR5690, 780E and M690T chipsets for our embedded products.

## Graphics and Visual Solutions

### *Graphics and Visual Solutions Market*

A graphics and visual solution can be in the form of an APU, GPU, IGP, SOC or a combination of a GPU with one of the other foregoing products working in tandem. The semiconductor graphics market addresses the need for visual or parallel processing in various computing and entertainment platforms such as desktop PCs, notebooks, tablets and workstations.

APUs deliver visual and parallel processing functionality for value and mainstream PCs, while discrete GPUs are specifically architected for higher performance graphics processing. A dedicated GPU and CPU (whether in an APU or as two separate pieces of silicon) work in tandem to increase overall speed and performance of the system. Users of these graphics products value a rich visual experience to enable a more compelling and immersive experience. Moreover, for many consumers, the PC is evolving from a traditional data processing and communications device to an entertainment platform. Visual realism and graphical display capabilities are key elements of product differentiation among various product platforms. This has led to the increasing creation and use of processing intensive multimedia content for PCs and to manufacturers designing PCs for playing games, displaying photos and capturing TV and other multimedia content, viewing online videos, photo editing and managing digital content. In turn, the trend has continued to contribute to the development of higher performance graphics solutions.

For many consumers, the PC is evolving from a traditional data processing and communications device to an entertainment platform. Visual realism and graphical display capabilities are key elements of product differentiation among various product platforms. This has led to the increasing creation and use of processing intensive multimedia content for PCs and to manufacturers designing PCs for playing games, displaying photos and capturing TV and other multimedia content, viewing online videos, editing photos and managing digital content. In turn, the trend has contributed to the development of higher performance graphics solutions.

Heavy computational workloads have traditionally been processed on a CPU, but we believe that the industry is shifting to a new computing paradigm that increasingly relies more on the GPU or a combination of GPU and CPU. AMD Accelerated Parallel Processing or GPGPU (General Purpose GPU) refers to a set of advanced hardware and software technologies that enable AMD GPUs, working in concert with the computer system's CPUs, to accelerate applications beyond traditional graphics and video processing by allowing CPUs and GPUs to process information cooperatively. Heterogeneous computing, which refers to computer systems that use more than one kind of processor, enables PCs and servers to run computationally-intensive tasks more efficiently, which we believe provides a superior application experience to the end user.

### *Graphics and Visual Solutions Products*

Our customers generally use our graphics and visual solutions to increase the speed of rendering images and to improve image resolution and color definition. We develop our products for use in desktop PCs, notebooks, tablets, professional workstations, servers and gaming consoles. In addition, our semi-custom products are tailored, high-performance customer-specific solutions based on AMD's CPU, GPU and APU technology. We work closely together with our customers to define solutions with a selectable level of GPU performance to precisely match the requirements of the device or application. Approaches range from complex, full-custom SOC's to more modest adaptations and integrations of existing parts.

With each of our graphics products, we have available drivers and supporting software packages that enable the effective use of these products under a variety of operating systems and applications. In addition, our recent generation graphics products have Linux® driver support.

**Game Consoles.** We have leveraged our core graphics and visual processing technologies developed for the PC market by providing graphic and visual solutions to game console manufacturers. In this market,

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semiconductor graphics suppliers work alongside game console manufacturers to enhance the visual experience for users of sophisticated video games. We leverage our core visual processing technology into the game console market by licensing our graphic technology in game consoles such as the Microsoft® Xbox 360™ and Nintendo Wii and Wii U. During the first quarter of 2013, Sony announced that it would use a semi-custom APU based on our “Jaguar” central processing unit core and next-generation Radeon graphics in its Sony PlayStation®4 game console system. During the second quarter of 2013, Microsoft announced that the Xbox One, its next-generation gaming console, would feature an AMD semi-custom SOC product. The PlayStation®4 and Xbox One were both launched in the fourth quarter of 2013, powered by AMD semi-custom SOC products.

**Discrete Desktop Graphics.** We offer discrete graphic and visual solutions for gaming, multimedia, editing photos and videos as well as other graphic-intensive applications. Our discrete GPUs for desktop PCs include the AMD Radeon™ HD 8000 series, AMD Radeon 7000 series, AMD Radeon HD 6000 series and ATI Radeon HD 5000 series. In September 2013, we announced our AMD Radeon R7 and R9 series graphics cards designed for enthusiast gamers. Many models of our R7 graphic cards and all models of our R9 graphic card series support our Mantle and AMD True Audio technology.

**Discrete Notebook Graphics.** When selecting a graphics solution, key considerations for notebook manufacturers are graphics performance, visual experience, power efficiency, dedicated memory support and ease of design integration. Our discrete GPUs for notebooks include the AMD Radeon HD 7000M series, AMD Radeon HD 6000M series and ATI Mobility Radeon HD 5000 series. In May 2013, we announced our AMD Radeon HD 8000M Series graphics processors, a discrete graphics processor series for performance gaming. In October 2013, we launched our AMD Radeon R7, R9 and R5 M200 series mobile discrete graphics processors series based on our Graphics Core Next architecture for consumer GPUs.

**Professional Graphics.** Our AMD FirePro™ family of professional graphics products consists of 3D and 2D multi-view graphics cards and GPUs that we designed for integration in mobile and desktop workstations, as well as business PCs. We designed our AMD FirePro 3D graphics cards for demanding applications such as those found in the computer aided design (CAD) and digital content creation (DCC) markets, with drivers specifically tuned for maximum performance, stability and reliability across a wide range of software packages. We designed our AMD FirePro 2D graphics cards with dual and quad display outputs for financial and corporate environments.

We also provide graphics and visual products for the server market where we leverage our graphics and visual expertise and align our offerings to provide the stability, video quality and bus architectures desired by our customers. Through our AMD CrossFire™ Pro technology, we enable CAD and DCC professionals to connect two identical AMD FirePro 3D graphics cards with a flex cable connection that can enhance performance of geometry-limited applications. In February 2013, we launched AMD FirePro™ R5000 remote workstation-class graphics card, designed to power remote 3D-graphics workflows and full computing experiences over IP networks for data center environments. In March 2013, we launched AMD Radeon Sky series graphic cards designed to enable cloud gaming service companies to stream PC and console-quality gaming experiences to various devices.

## **Marketing and Sales**

We sell our products through our direct sales force and through independent distributors and sales representatives in both domestic and international markets. Our sales arrangements generally operate on the basis of product forecasts provided by the particular customer, but do not typically include any commitment or requirement for minimum product purchases. We primarily use purchase orders, sales order acknowledgments and contractual agreements as evidence of our sales arrangements. Our agreements typically contain standard terms and conditions covering matters such as payment terms, warranties and indemnities for issues specific to our products.



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We generally warrant that our products sold to our customers will conform to our approved specifications and be free from defects in material and workmanship under normal use and service for one year. Subject to certain exceptions, we also offer a three-year limited warranty to end users for only those CPU and AMD A-Series APU products that are commonly referred to as “processors in a box” and for PC workstation products. We have also offered extended limited warranties to certain customers of “tray” microprocessor products and/or workstation graphics products who have written agreements with us and target their computer systems at the commercial and/or embedded markets.

We market and sell our products under the AMD trademark. Our desktop PC product brands for microprocessors are AMD A-Series, AMD E-Series, AMD FX, AMD Athlon and AMD Sempron. Our notebook and tablet brands for microprocessors are AMD A-Series A, AMD E-Series, AMD C-Series, AMD Z-Series, AMD Phenom, AMD Athlon, AMD Turion and AMD Sempron. Our server brand for microprocessors is AMD Opteron. We sell dense server systems products under the SeaMicro brand, including the SM15000 series and Freedom Fabric Storage series for storage systems. We also sell low-power versions of our AMD Opteron, AMD Athlon and AMD Sempron, as well as AMD Geode, AMD R-Series and G-Series processors as embedded processor solutions. Our product brand for the consumer graphics market is AMD Radeon. Our product brand for professional graphics products is AMD FirePro. We also market and sell our chipsets under the AMD trademark.

We market our products through our direct marketing and co-marketing programs. In addition, we have cooperative advertising and marketing programs with customers and third parties, including market development programs, pursuant to which we may provide product information, training, marketing materials and funds. Under our co-marketing development programs, eligible customers can use market development funds as partial reimbursement for advertisements and marketing programs related to our products and third-party systems integrating our products, subject to meeting defined criteria.

### **Customers**

Our microprocessor customers consist primarily of original equipment manufacturers, or OEMs, original design manufacturers, or ODMs, system builders and independent distributors in both domestic and international markets. ODMs provide design and/or manufacturing services to branded and unbranded private label resellers, OEMs and system builders. Our graphics products customers include the foregoing as well as add-in-board manufacturers, or AIBs.

Customers of our chipset products consist primarily of PC and server OEMs, often through ODMs or other contract manufacturers, who build the OEM motherboards, as well as desktop and server motherboard manufacturers who incorporate chipsets into their channel motherboards.

Our sales and marketing teams work closely with our customers to define product features, performance and timing of new products so that the products we are developing meet our customers’ needs. We also employ application engineers to assist our customers in designing, testing and qualifying system designs that incorporate our products in order to assist in optimizing product compatibility. We believe that our commitment to customer service and design support improves our customers’ time-to-market and fosters relationships that encourage customers to use the next generation of our products.

We work closely with our customers to create differentiated products that leverage our CPU, GPU and APU technology. Customers pay us non-recurring engineering fees for design and development services and a purchase price for our semi-custom products.

Collectively, our top five customers accounted for approximately 54% of our net revenue during the year ended 2013. In 2013, Hewlett-Packard Company, Microsoft Corporation and Sony Corporation each accounted for more than 10% of our consolidated net revenues. Sales to Hewlett-Packard consisted primarily of products from our Computing Solutions segment. Sales to Microsoft and Sony consisted primarily of products from our

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Graphics and Visual Solutions segment. Five customers, including Hewlett-Packard Company, accounted for approximately 58% of the net revenue attributable to our Computing Solutions segment. In addition, five customers, including Hewlett-Packard, Microsoft and Sony, accounted for approximately 70% of the net revenue attributable to our Graphics and Visual Solutions segment. A loss of any of these customers could have a material adverse effect on our business.

### ***Original Equipment Manufacturers***

We focus on three types of OEMs: multi-nationals, selected regional accounts and target market customers. Large multi-nationals and regional accounts are our core OEM customers. Our OEM customers include numerous foreign and domestic manufacturers of servers and workstations, desktops, notebooks and PC motherboards.

### ***Third-Party Distributors***

Our authorized distributors resell to sub-distributors and mid-sized and smaller OEMs and ODMs. Typically, distributors handle a wide variety of products, including those that compete with our products. Distributors typically maintain an inventory of our products. In most instances, our agreements with distributors protect their inventory of our products against price reductions and provide return rights with respect to any product that we have removed from our price book that is not more than 12 months older than the manufacturing code date. In addition, some agreements with our distributors may contain standard stock rotation provisions permitting limited levels of product returns.

### ***AIB Manufacturers and System Integrators***

We strive to establish and broaden our relationships with AIB manufacturers. We offer component-level graphics and chipset products to AIB manufacturers who in turn build and sell board-level products using our technology to system integrators, or SIs, and to retail buyers. Our agreements with AIBs protect their inventory of our products against price reductions. We also sell directly to our SI customers. SIs typically sell from positions of regional or product-based strength in the market. They usually operate on short design cycles and can respond quickly with new technologies. SIs often use discrete graphics solutions as a means to differentiate their products and add value to their customers.

### **Competition**

Generally, the IC industry is intensely competitive. Products typically compete on product quality, power consumption (including battery life), reliability, speed, performance, size (or form factor), cost, selling price, adherence to industry standards (and the creation of open industry standards), software and hardware compatibility and stability, brand recognition, timely product introductions and availability. Technological advances in the industry result in frequent product introductions, regular price reductions, short product life cycles and increased product capabilities that may result in significant performance improvements. Our ability to compete depends on our ability to develop, introduce and sell new products or enhanced versions of existing products on a timely basis and at competitive prices, while reducing our costs.

### ***Competition in the Microprocessor Market***

Intel Corporation has dominated the market for microprocessors for many years. Intel's market share, margins and significant financial resources enable it to market its products aggressively, to target our customers and our channel partners with special incentives and to discipline customers who do business with us. These aggressive activities have in the past and are likely in the future to result in lower unit sales and a lower average selling price for our products and adversely affect our margins and profitability.

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Intel exerts substantial influence over computer manufacturers and their channels of distribution through various brand and other marketing programs. As a result of Intel's dominant position in the microprocessor market, Intel has been able to control x86 microprocessor and computer system standards and benchmarks and to dictate the type of products the microprocessor market requires of us. Intel also dominates the computer system platform, which includes core logic chipsets, graphics chips, motherboards and other components necessary to assemble a computer system. OEMs that purchase microprocessors for computer systems are highly dependent on Intel, less innovative on their own and, to a large extent, are distributors of Intel technology. Additionally, Intel is able to drive de facto standards for x86 microprocessors that could cause us and other companies to have delayed access to such standards.

Intel has substantially greater financial resources than we do and accordingly spends substantially greater amounts on marketing and research and development than we do. We expect Intel to maintain its dominant position and to continue to invest heavily in marketing, research and development, new manufacturing facilities and other technology companies. To the extent Intel manufactures a significantly larger portion of its microprocessor products using more advanced process technologies, or introduces competitive new products into the market before we do, we may be more vulnerable to Intel's aggressive marketing and pricing strategies for microprocessor products. For example, Intel recently introduced microprocessors for low-cost notebooks, similar to products that we offer for low-cost notebooks.

As long as Intel remains in this dominant position, we may be materially adversely affected by Intel's:

- business practices, including rebating and allocation strategies and pricing actions, designed to limit our market share and margins;
- product mix and introduction schedules;
- product bundling, marketing and merchandising strategies;
- exclusivity payments to its current and potential customers and channel partners;
- control over industry standards, PC manufacturers and other PC industry participants, including motherboard, memory, chipset and basic input/output system, or BIOS, suppliers and software companies as well as the graphics interface for Intel platforms; and
- marketing and advertising expenditures in support of positioning the Intel brand over the brand of its OEM customers.

Intel's dominant position in the microprocessor market, its introduction of competitive new products, its existing relationships with top-tier OEMs and its aggressive marketing and pricing strategies could result in lower unit sales and a lower average selling price for our products, which could have a material adverse effect on us.

Other competitors include a variety of companies providing or developing ARM-based designs at relatively low cost and low power processors for the computing market including netbooks, tablets and thin-client form factors, as well as dense servers, set-top boxes and gaming consoles. ARM Holdings designs and licenses its ARM architecture to third parties, including AMD, and offers supporting software and services. Our ability to compete with companies who use ARM-based solutions depends on our ability to design energy-efficient, high-performing products at an attractive price point.

### ***Competition in the Chipset Market***

In the chipset market, our competitors include suppliers of integrated graphics chipsets. PC manufacturers use integrated chipsets because they cost less than traditional discrete GPUs while offering acceptable graphics performance for most mainstream PC users. Intel also leverages its dominance in the microprocessor market to sell its integrated graphics chipsets. Intel manufactures and sells integrated graphics chipsets bundled with their microprocessors and is a dominant competitor in this market.

### ***Competition in the Graphics and Visual Solutions Market***

In the graphics and visual solutions market, our competitors include suppliers of discrete graphics, embedded graphics processors and IGPs. Intel manufactures and sells embedded graphics processors and IGP chipsets, and is a dominant competitor with respect to this portion of our business. The continued improvement of the quality of Intel's integrated graphics, along with higher unit shipments of our APUs, may drive computer manufacturers to reduce the number of systems they build paired with discrete graphics components, particularly for notebooks, because they may offer satisfactory graphics performance for most mainstream PC users, at a lower cost. Intel could take actions that place our discrete GPUs and integrated chipsets at a competitive disadvantage such as giving one or more of our competitors in the graphics and visual solutions market, such as Nvidia Corporation, preferential access to its proprietary graphics interface or other useful information.

Other than Intel, our principal competitor in the graphics and visual solutions market is Nvidia. AMD and Nvidia are the two principal players offering discrete graphics solutions. Other competitors include a number of smaller companies, which may have greater flexibility to address specific market needs, but less financial resources to do so, especially as we believe that the growing complexity of visual processors and the associated research and development costs represent an increasingly higher barrier to entry in this market.

With respect to our game console products, we compete primarily against Nvidia. Other competitors include Intel, ARM Holdings and Imagination Technology Group.

### **Research and Development**

We focus our research and development activities on improving and enhancing product design. One main area of focus is on delivering the next generation of products with greater system level integration of the CPU and GPU and transforming our products into SOCs, with, in each case, improved system performance and performance-per-watt characteristics. For example, we are focusing on improving the battery life of our microprocessors and APU products for notebooks and tablets and the power efficiency of our microprocessors for servers. We are also focusing on delivering a range of low-power integrated platforms to serve key markets, including commercial clients, mobile computing and gaming and media computing, as well as developing an HSA, which is designed for software developers to easily program APUs by combining scalar processing on the CPU with parallel processing on the GPU, all while providing high bandwidth access to memory at low power. We believe that these integrated platforms will bring customers better time-to-market and increased performance and energy efficiency. We also work with industry leaders on process technology, software and other functional intellectual property and we work with others in the industry, public foundations, universities and industry consortia to conduct early stage research and development.

Our research and development expenses for 2013, 2012 and 2011 were approximately \$1.2 billion, \$1.4 billion and \$1.5 billion, respectively. For more information, see "Part II, Item 7-Management's Discussion and Analysis of Financial Condition and Results of Operations," or MD&A.

We conduct product and system research and development activities for our products in the United States with additional design and development engineering teams located in China, Canada, India, Singapore, Taiwan and Israel.

## **Manufacturing Arrangements and Assembly and Test Facilities**

### ***Third-Party Wafer Foundry Facilities***

**GLOBALFOUNDRIES, Inc.** On March 2, 2009, we entered into a Wafer Supply Agreement (the WSA) with GLOBALFOUNDRIES, Inc. (GF). The WSA governs the terms by which we purchase products manufactured by GF, a related party to us. Pursuant to the WSA, we are required to purchase all of our microprocessor and APU product requirements from GF with limited exceptions. If we acquire a third-party business that manufactures microprocessor and APU products, we will have up to two years to transition the manufacture of such microprocessor and APU products to GF.

The WSA terminates no later than March 2, 2024. GF has agreed to use commercially reasonable efforts to assist us to transition the supply of products to another provider and to continue to fulfill purchase orders for up to two years following the termination or expiration of the WSA. During the transition period, pricing for microprocessor and APU products will remain as set forth in the WSA, but our purchase commitments to GF will no longer apply.

On April 2, 2011, we entered into a first amendment to the WSA. The primary effect of the first amendment was to change the pricing methodology applicable to wafers delivered in 2011 for our microprocessors and APU products. The first amendment also modified our existing commitments regarding the production of certain GPU and chipset products at GF.

On March 4, 2012, we entered into a second amendment to the WSA. The primary effect of the second amendment was to modify certain pricing and other terms of the WSA applicable to wafers for our microprocessor and APU products to be delivered by GF to us during 2012. Under the terms of the second amendment to the WSA, GF granted us rights to contract with another wafer foundry supplier with respect to specified 28nm products for a specified period of time (the limited waiver of exclusivity). In consideration for the limited waiver of exclusivity, we recorded a charge of \$703 million in the first quarter of 2012, consisting of a \$425 million cash payment and a \$278 million non-cash charge representing the transfer to GF of our remaining investment in GF at fair value.

On December 6, 2012, we entered into a third amendment to the WSA. Pursuant to the third amendment, we modified our wafer purchase commitments for the fourth quarter of 2012 made pursuant to the second amendment to the WSA. In addition, we agreed to certain pricing and other terms of the WSA applicable to wafers for our microprocessor and APU products, to be delivered by GF to us from the fourth quarter of 2012 through December 31, 2013. Pursuant to the third amendment, GF agreed to waive a portion of our wafer purchase commitments for the fourth quarter of 2012. In consideration for this waiver, we agreed to pay GF a fee of \$320 million. As a result, we recorded a lower of cost or market charge of \$273 million for the write-down of inventory to its market value in the fourth quarter of 2012. The cash impact of this \$320 million fee was paid over several quarters, with \$80 million paid on December 28, 2012, \$40 million paid on April 1, 2013 and \$200 million paid on December 31, 2013.

We are currently in the process of negotiating a fourth amendment to the WSA, and we expect that our future purchases from GF will continue to be material.

GF currently manufactures our microprocessors on 300 millimeter wafers in technologies ranging from 65nm to 28nm. Smaller process geometries can lead to gains in performance, lower power consumption and lower per unit manufacturing costs. We continue to have our products manufactured on more advanced process technology because using more advanced process technology can contribute to lower product manufacturing costs and improve a product's performance and power efficiency.

**Taiwan Semiconductor Manufacturing Company.** We also have foundry arrangements with Taiwan Semiconductor Manufacturing Company (TSMC) for the production of certain graphics processors and chipsets, embedded processors and APU products. We are in production in TSMC's 300 millimeter fabrication facilities in technologies ranging from 65nm to 28nm.

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**Other Third-Party Manufacturers.** We outsource board-level graphics product manufacturing to third-party manufacturers. We also outsource board-level and system-level product manufacturing to third-party manufacturers for our SeaMicro dense server and storage products.

### **Assembly, Test, Mark and Packaging Facilities**

We own and operate two assembly, test, mark and packaging facilities. Some wafers for our products are delivered from third-party foundries to our assembly, test, mark and packaging facilities. Our assembly, test, mark and packaging facilities are described in the chart set forth below:

Facility Location	Approximate Manufacturing Area Square Footage	Activity
Penang, Malaysia	150,000	Assembly, Test, Mark & Packaging
Suzhou, China	100,000	Assembly, Test, Mark & Packaging

The remaining wafers for our products are delivered from third-party foundries to our test, assembly and packaging partners located in the Asia-Pacific region who package and test the final semiconductor products.

### **Intellectual Property and Licensing**

We rely on contracts and intellectual property rights to protect our products and technologies from unauthorized third-party copying and use. Intellectual property rights include copyrights, patents, patent applications, trademarks, trade secrets and maskwork rights. As of December 28, 2013, we had approximately 4,650 patents in the United States and approximately 1,700 patent applications pending in the United States. In certain cases, we have filed corresponding applications in foreign jurisdictions. We expect to file future patent applications in both the United States and abroad on significant inventions, as we deem appropriate. We do not believe that any individual patent, or the expiration of any patent, is or would be material to our business.

As is typical in the semiconductor industry, we have numerous cross-licensing and technology exchange agreements with other companies under which we both transfer and receive technology and intellectual property rights. One such agreement is the cross-license agreement that we entered into with Intel on November 11, 2009. Under the cross license agreement, Intel has granted to us and our subsidiaries, and we have granted Intel and its subsidiaries, non-exclusive, royalty-free licenses to all patents that are either owned or controlled by the parties at any time that have a first effective filing date or priority date prior to the five-year anniversary of the effective date of the cross license agreement, referred to as the Capture Period, to make, have made, use, sell, offer to sell, import and otherwise dispose of certain semiconductor- and electronic-related products anywhere in the world. Under the cross license agreement, Intel has rights to make semiconductor products for third parties, but the third-party product designs are not licensed as a result of such manufacture. We have rights to perform assembly and testing for third parties but not rights to make semiconductor products for third parties. The term of the cross license agreement continues until the expiration of the last to expire of the licensed patents, unless earlier terminated. A party can terminate the cross license agreement or the rights and licenses of the other party if the other party materially breaches the cross license agreement and does not correct the noticed material breach within 60 days. Upon such termination, the terminated party's license rights terminate but the terminating party's license rights continue, subject to that party's continued compliance with the terms of the cross license agreement. The cross license agreement and the Capture Period will automatically terminate if a party undergoes a change of control (as defined in the cross license agreement), and both parties' licenses will terminate. Upon the bankruptcy of a party, that party may assume, but may not assign, the cross license agreement, and in the event that the cross license agreement cannot be assumed, the cross license agreement and the licenses granted will terminate.

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### **Backlog**

Sales are made primarily pursuant to purchase orders for current delivery or agreements covering purchases over a period of time. Some of these orders or agreements may be revised or canceled without penalty. Generally, in light of current industry practice, we do not believe that such orders or agreements provide meaningful backlog figures or are necessarily indicative of actual sales for any succeeding period.

### **Seasonality**

Our operating results tend to vary seasonally. For example, historically, first quarter PC product sales are generally lower than fourth quarter sales. In addition, with respect to our semi-custom SOC products for game consoles, we expect sales patterns to follow the seasonal trends of a consumer business with sales in the first half of the year being lower than sales in the second half of the year.

### **Employees**

As of December 28, 2013, we had approximately 10,671 employees.

### **Environmental Regulations**

Many aspects of our business operations and products are regulated by domestic and international environmental laws and regulations. These regulations include limitations on discharge of pollutants to air, water, and soil; remediation requirements; product chemical content limitations; manufacturing chemical use and handling restrictions; pollution control requirements; waste minimization considerations; and requirements with respect to treatment, transport, storage and disposal of solid and hazardous wastes. If we fail to comply with any applicable environmental regulations, we may be subject to fines, suspension of production, alteration of our manufacturing processes, import/export restrictions, sales limitations and/or criminal and civil liabilities. Existing or future regulations could require us to procure expensive pollution abatement or remediation equipment, to modify product designs or to incur other expenses to comply with environmental regulations. Any failure to adequately control the use, disposal, storage or discharge of hazardous substances could expose us to future liabilities that could have a material adverse effect on our business. We believe we are in material compliance with applicable environmental requirements and do not expect those requirements to result in material expenditures in the foreseeable future.

Environmental laws are complex, change frequently and have tended to become more stringent over time. For example, the European Union (EU) and China are two among a growing number of jurisdictions that have enacted restrictions on the use of lead and other materials in electronic products. Other countries have also implemented similar restrictions. These regulations affect semiconductor devices and packaging. As regulations restricting materials in electronic products continue to increase around the world, there is a risk that the cost, quality and manufacturing yields of products that are subject to these restrictions, may be less favorable compared to products that are not subject to such restrictions, or that the transition to compliant products may produce sudden changes in demand, which may result in excess inventory.

Recent U.S. legislation requires disclosure and reporting requirements for companies who use “conflict” minerals that originate from the Democratic Republic of Congo or adjoining countries. We will likely incur additional costs associated with complying with these requirements, such as costs related to determining the source of any conflict minerals used in our products, auditing the process and reporting to our customers and the U.S. government. Also, since our supply chain is complex, we may face reputational challenges if we are unable to sufficiently verify the origins of the subject minerals. Moreover, we are likely to encounter challenges to satisfy those customers who require that all of the components of our products are certified as “conflict free” and if we cannot satisfy these customers, they may choose a competitor’s products. In January 2014, Intel announced that all of its microprocessor products are “conflict free.” Our first “conflict” minerals report covering the 2013 calendar year is due to the SEC by June 2, 2014.

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A number of jurisdictions including the EU, Australia and China are developing or have finalized market entry or public procurement regulations for computers and servers based on ENERGY STAR specifications as well as additional energy consumption limits. There is the potential for certain of our products being excluded from some of these markets which could materially adversely affect us.

While we have budgeted for foreseeable associated expenditures, we cannot assure you that future environmental legal requirements will not become more stringent or costly in the future. Therefore, we cannot assure you that our costs of complying with current and future environmental and health and safety laws, and our liabilities arising from past and future releases of, or exposure to, hazardous substances will not have a material adverse effect on us. See also, “Item 3—Legal Proceedings—Environmental Matters,” below.



**ITEM 1A. RISK FACTORS**

*The risks and uncertainties described below are not the only ones we face. If any of the following risks actually occurs, our business, financial condition or results of operations could be materially adversely affected. In addition, you should consider the interrelationship and compounding effects of two or more risks occurring simultaneously.*

***Intel Corporation's dominance of the microprocessor market and its aggressive business practices may limit our ability to compete effectively.***

Intel Corporation has dominated the market for microprocessors for many years. Intel's market share, margins and significant financial resources enable it to market its products aggressively, to target our customers and our channel partners with special incentives and to discipline customers who do business with us. These aggressive activities have in the past and are likely in the future to result in lower unit sales and a lower average selling price for our products and adversely affect our margins and profitability.

Intel exerts substantial influence over computer manufacturers and their channels of distribution through various brand and other marketing programs. As a result of Intel's dominant position in the microprocessor market, Intel has been able to control x86 microprocessor and computer system standards and benchmarks and to dictate the type of products the microprocessor market requires of us. Intel also dominates the computer system platform, which includes core logic chipsets, graphics chips, motherboards and other components necessary to assemble a computer system. OEMs, that purchase microprocessors for computer systems are highly dependent on Intel, less innovative on their own and, to a large extent, are distributors of Intel technology. Additionally, Intel is able to drive de facto standards for x86 microprocessors that could cause us and other companies to have delayed access to such standards.

Intel has substantially greater financial resources than we do and accordingly spends substantially greater amounts on marketing and research and development than we do. We expect Intel to maintain its dominant position and to continue to invest heavily in marketing, research and development, new manufacturing facilities and other technology companies. To the extent Intel manufactures a significantly larger portion of its microprocessor products using more advanced process technologies, or introduces competitive new products into the market before we do, we may be more vulnerable to Intel's aggressive marketing and pricing strategies for microprocessor products. For example, Intel recently introduced microprocessors for low-cost notebooks, similar to products that we offer for low-cost notebooks.

Intel also leverages its dominance in the microprocessor market to sell its integrated graphics chipsets. Intel manufactures and sells integrated graphics chipsets bundled with their microprocessors and is a dominant competitor with respect to this portion of our business. Intel could also take actions that place our discrete GPUs at a competitive disadvantage, including giving one or more of our competitors in the graphics and visual solutions market, such as Nvidia Corporation, preferential access to its proprietary graphics interface or other useful information.

As long as Intel remains in this dominant position, we may be materially adversely affected by Intel's:

- business practices, including rebating and allocation strategies and pricing actions, designed to limit our market share and margins;
- product mix and introduction schedules;
- product bundling, marketing and merchandising strategies;
- exclusivity payments to its current and potential customers and channel partners;

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- control over industry standards, PC manufacturers and other PC industry participants, including motherboard, memory, chipset and basic input/output system, or BIOS, suppliers and software companies as well as the graphics interface for Intel platforms; and
- marketing and advertising expenditures in support of positioning the Intel brand over the brand of its OEM customers.

Intel's dominant position in the microprocessor market and integrated graphics chipset market, its introduction of competitive new products, its existing relationships with top-tier OEMs and its aggressive marketing and pricing strategies could result in lower unit sales and a lower average selling price for our products, which could have a material adverse effect on us.

***The success of our business is dependent upon our ability to introduce products on a timely basis with features and performance levels that provide value to our customers while supporting and coinciding with significant industry transitions.***

Our success depends to a significant extent on the development, qualification, implementation and acceptance of new product designs and improvements that provide value to our customers. Our ability to develop, qualify and distribute, and have manufactured, new products and related technologies to meet evolving industry requirements, at prices acceptable to our customers and on a timely basis are significant factors in determining our competitiveness in our target markets. For example, form factors have increasingly shifted from desktop PCs and notebooks to tablets, and tablets have been one of the fastest growing form factors. Historically, a significant portion of our Computing Solutions revenue has been related to desktop PCs. Currently, a significant portion of our business is focused on the consumer PC portions of the market, and we believe that PC market conditions will remain challenging. As consumers adopt new form factors and have different requirements than those consumers in the PC market, PC sales could be negatively impacted, which could negatively impact our business. If we fail to or are delayed in developing, qualifying or shipping new products or technologies that provide value to our customers and address these new trends or if we fail to predict which new form factors consumers will adopt, we may lose competitive positioning, which could cause us to lose market share and require us to discount the selling prices of our products. Although we make substantial investments in research and development, we cannot be certain that we will be able to develop, obtain or successfully implement new products and technologies on a timely basis.

Delays in developing, qualifying or shipping new products can also cause us to miss our customers' product design windows or, in some cases, breach contractual obligations or cause us to pay penalties. If our customers do not include our products in the initial design of their computer systems or products, they will typically not use our products in their systems or products until at least the next design configuration. The process of being qualified for inclusion in a customer's system or product can be lengthy and could cause us to further miss a cycle in the demand of end-users, which also could result in a loss of market share and harm our business.

Moreover, market demand requires that products incorporate new features and performance standards on an industry-wide basis. Over the life of a specific product, the sale price is typically reduced over time. The introduction of new products and enhancements to existing products is necessary to maintain the overall corporate average selling price. If we are unable to introduce new products with sufficiently high sale prices or to increase unit sales volumes capable of offsetting the reductions in the sale prices of existing products over time, our business could be materially adversely affected.

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***If we cannot generate sufficient revenues and operating cash flow or obtain external financing, we may face a cash shortfall and be unable to make all of our planned investments in research and development or other strategic investments.***

Our ability to fund research and development expenditures depends on generating sufficient cash flow from operations and the availability of external financing, if necessary. Our research and development expenditures, together with ongoing operating expenses, will be a substantial drain on our cash flow and may decrease our cash balances. If new competitors, technological advances by existing competitors or other competitive factors require us to invest significantly greater resources than anticipated in our research and development efforts, our operating expenses would increase. If we are required to invest significantly greater resources than anticipated in research and development efforts without an increase in revenue, our operating results could decline.

We regularly assess markets for external financing opportunities, including debt and equity financing. Additional debt or equity financing may not be available when needed or, if available, may not be available on satisfactory terms. The health of the credit markets may adversely impact our ability to obtain financing when needed. Any downgrades from credit rating agencies such as Moody's or Standard & Poor's may adversely impact our ability to obtain external financing or the terms of such financing. In addition, credit agency downgrades or concerns regarding our credit worthiness may impact relationships with our suppliers, who may limit our credit lines. For example, in the first quarter of 2013, Moody's lowered our senior unsecured debt rating to B2 from B1 and Standard & Poor lowered our senior unsecured debt rating to B from BB. Our inability to obtain needed financing or to generate sufficient cash from operations may require us to abandon projects or curtail planned investments in research and development or other strategic initiatives. If we curtail planned investments in research and development or abandon projects, our products may fail to remain competitive and our business would be materially adversely affected.

***We rely on GF to manufacture most of our microprocessor and APU products. If GF is not able to satisfy our manufacturing requirements, our business could be adversely impacted.***

The WSA governs the terms by which we purchase products manufactured by GF. Pursuant to the WSA, we are required to purchase all of our microprocessor and APU product requirements from GF with limited exceptions. If GF is unable to achieve anticipated manufacturing yields, remain competitive using or implementing advanced leading-edge process technologies needed to manufacture future generations of our products, manufacture our products on a timely basis at competitive prices, or meet our capacity requirements, then we may experience delays in product launches, supply shortages for certain products or increased costs, and our business could be materially adversely affected.

In addition, if our requirements are less than the fixed number of wafers that we agreed to purchase, we could have excess inventory or higher inventory unit costs, both of which will adversely impact our gross margin and our results of operations.

We are currently in the process of negotiating a fourth amendment to the WSA, and we expect that our future purchases from GF will continue to be material. If we do not successfully conclude our negotiations, it could have a material adverse impact on our gross margin and our results of operations.

In addition, GF has relied on Advanced Technology Investment Company (ATIC) for its funding needs. If ATIC fails to adequately fund GF on a timely basis, or at all, GF's ability to manufacture products for us could be materially adversely affected.

***We rely on third parties to manufacture our products, and if they are unable to do so on a timely basis in sufficient quantities and using competitive technologies, our business could be materially adversely affected.***

We rely on third-party wafer foundries to fabricate the silicon wafers for all of our products. We also rely on third-party providers to assemble, test, mark and pack certain of our products. It is important to have reliable relationships with all of these third-party manufacturing suppliers to ensure adequate product supply to respond to customer demand.

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We cannot assure you that these manufacturers or our other third-party manufacturing suppliers will be able to meet our near-term or long-term manufacturing requirements. If we experience supply constraints from our third-party manufacturing suppliers, we may be required to allocate the affected products amongst our customers, which could have a material adverse effect on our relationships with these customers and on our financial condition. In addition, if we are unable to meet customer demand due to fluctuating or late supply from our manufacturing suppliers, it could result in lost sales and have a material adverse effect on our business.

We do not have long-term commitment contracts with some of our third-party manufacturing suppliers. We obtain some of these manufacturing services on a purchase order basis and these manufacturers are not required to provide us with any specified minimum quantity of product beyond the quantities in an existing purchase order. Accordingly, we depend on these suppliers to allocate to us a portion of their manufacturing capacity sufficient to meet our needs, to produce products of acceptable quality and at acceptable manufacturing yields and to deliver those products to us on a timely basis and at acceptable prices. The manufacturers we use also fabricate wafers and assemble, test and package products for other companies, including certain of our competitors. They could choose to prioritize capacity for other users, increase the prices that they charge us on short notice or reduce or eliminate deliveries to us, which could have a material adverse effect on our business.

Other risks associated with our dependence on third-party manufacturers include limited control over delivery schedules and quality assurance, lack of capacity in periods of excess demand, misappropriation of our intellectual property, dependence on several small undercapitalized subcontractors and limited ability to manage inventory and parts. Moreover, if any of our third-party manufacturing suppliers suffer any damage to facilities, lose benefits under material agreements, experience power outages, lack sufficient capacity to manufacture our products, encounter financial difficulties, are unable to secure necessary raw materials from their suppliers or suffer any other disruption or reduction in efficiency, we may encounter supply delays or disruptions. If we are unable to secure sufficient or reliable supplies of products, our ability to meet customer demand may be adversely affected and this could materially affect our business.

If we transition the production of some of our products to new manufacturers, we may experience delayed product introductions, lower yields or poorer performance of our products. If we experience problems with product quality or are unable to secure sufficient capacity from a particular third-party manufacturing supplier, or if we for other reasons cease utilizing one of those suppliers, we may be unable to secure an alternative supply for any specific product in a short time frame. We could experience significant delays in the shipment of our products if we are required to find alternative third-party manufacturing suppliers, which could have a material adverse effect on our business.

### ***Failure to achieve expected manufacturing yields for our products could negatively impact our financial results.***

Semiconductor manufacturing yields are a result of both product design and process technology, which is typically proprietary to the manufacturer, and low yields can result from design failures, process technology failures or a combination of both. Our third-party foundries are responsible for the process technologies used to fabricate silicon wafers. If our third-party foundries experience manufacturing inefficiencies or encounter disruptions, errors or difficulties during production, we may fail to achieve acceptable yields or experience product delivery delays. We cannot be certain that our third-party foundries will be able to develop, obtain or successfully implement leading-edge process technologies needed to manufacture future generations of our products profitably or on a timely basis or that our competitors will not develop new technologies, products or processes earlier. Moreover, during periods when foundries are implementing new process technologies, their manufacturing facilities may not be fully productive. A substantial delay in the technology transitions to smaller process technologies could have a material adverse effect on us, particularly if our competitors transition to more cost effective technologies before us. Any decrease in manufacturing yields could result in an increase in per unit costs, which would adversely impact our gross margin and/or force us to allocate our reduced product supply amongst our customers, which could harm our relationships with our customers and reputation and materially adversely affect our business.

***We may not be able to successfully implement our long-term business strategy.***

We are implementing a long-term business strategy to refocus our business to address markets beyond our core PC market to the faster growing ultra low-power client, embedded, professional graphics, semi-custom and dense server markets. Currently, a significant portion of our business is focused on the consumer PC portions of the market, and we believe that PC market conditions will remain challenging. The goal of our long-term strategy is to derive approximately 50% of our revenue from high growth markets by the end of 2015. In the third and fourth quarters of 2013, revenue from sales of our semi-custom SOC and embedded products represented more than 30% of total net revenue. Despite our efforts, we may not be able to effectively implement our strategy in a timely manner to exploit potential market opportunities or meet competitive challenges. However, if demand for these products is below our expectations, or we are not able to improve cost efficiencies of this business model, we may not realize benefits from our long-term business strategy.

Moreover, our business strategy is dependent on creating products that anticipate customer requirements and emerging industry trends. We cannot assure you that our new strategic direction will result in innovative products and technologies that provide value to our customers. In addition, we may be entering markets where current and new competitors may be able to adapt more quickly to customer requirements and emerging technologies. We cannot assure you that we will be able to compete successfully against current or new competitors who may have stronger positions in these new markets. We may face delays or disruptions in research and development efforts, or we may be required to significantly invest greater resources in research and development than anticipated.

***Global economic uncertainty may adversely impact our business and operating results.***

Uncertain global economic conditions have in the past and may in the future adversely impact our business. Uncertainty in the worldwide economic environment may negatively impact consumer confidence and spending causing our customers to postpone purchases. For example, our revenue in the second half of 2012 and in 2013 was adversely affected, in part, by the overall weakness in the global economy and weak consumer demand for end-user PC products, which impacted sales. We believe that consumer PC market conditions will remain challenging.

In addition, during challenging economic times, our current or potential future customers may experience cash flow problems and as a result may modify, delay or cancel plans to purchase our products. Additionally, if our customers are not successful in generating sufficient revenue or are unable to secure financing, they may not be able to pay, or may delay payment of, accounts receivable that they owe us. The risk related to our customers' potentially defaulting on or delaying payments to us is increased because we expect that a small number of customers will continue to account for a substantial part of our revenue. Any inability of our current or potential future customers to pay us for our products may adversely affect our earnings and cash flow. Moreover, our key suppliers may reduce their output or become insolvent, thereby adversely impacting our ability to manufacture our products. In addition, uncertain economic conditions may make it more difficult for us to raise funds through borrowings or private or public sales of debt or equity securities.

***We may not be able to generate sufficient cash to service our debt obligations or meet our working capital requirements.***

Our ability to make payments on and to refinance our debt will depend on our financial and operating performance, which may fluctuate significantly from quarter to quarter, and is subject to prevailing economic conditions and financial, business and other factors, many of which are beyond our control. We cannot assure you that we will be able to generate cash flow or that we will be able to borrow funds, including under our senior secured asset based line of credit for a principal amount up to \$500 million (Secured Revolving Line of Credit), in amounts sufficient to enable us to service our debt or to meet our working capital requirements. If we are not able to generate sufficient cash flow from operations or to borrow sufficient funds to service our debt, we may be required to sell assets or equity, reduce expenditures, refinance all or a portion of our existing debt or obtain additional financing. We cannot assure you that we will be able to refinance our debt, sell assets or equity, borrow funds under our Secured Revolving Line of Credit or borrow more funds on terms acceptable to us, if at all.

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***We have a substantial amount of indebtedness which could adversely affect our financial position and prevent us from implementing our strategy or fulfilling our contractual obligations.***

Our total debt as of December 28, 2013 was \$2.1 billion, which reflects the debt discount adjustment on our 6.00% Convertible Senior Notes due 2015 (6.00% Notes) and our 8.125% Senior Notes due 2017 (8.125% Notes).

Our substantial indebtedness may:

- make it difficult for us to satisfy our financial obligations, including making scheduled principal and interest payments;
- limit our ability to borrow additional funds for working capital, capital expenditures, acquisitions and general corporate and other purposes;
- limit our ability to use our cash flow or obtain additional financing for future working capital, capital expenditures, acquisitions or other general corporate purposes;
- require us to use a substantial portion of our cash flow from operations to make debt service payments;
- place us at a competitive disadvantage compared to our less leveraged competitors; and
- increase our vulnerability to the impact of adverse economic and industry conditions.

***The agreements governing our notes and our Secured Revolving Line of Credit impose restrictions on us that may adversely affect our ability to operate our business.***

The indentures governing our 8.125% Notes, 7.75% Senior Notes due 2020 (7.75% Notes) and 7.50% Senior Notes due 2022 (7.50% Notes) contain various covenants which limit our ability to, among other things:

- incur additional indebtedness;
- pay dividends and make other restricted payments;
- make certain investments, including investments in our unrestricted subsidiaries;
- create or permit certain liens;
- create or permit restrictions on the ability of certain restricted subsidiaries to pay dividends or make other distributions to us;
- use the proceeds from sales of assets;
- enter into certain types of transactions with affiliates; and
- consolidate or merge or sell our assets as an entirety or substantially as an entirety.

Our Secured Revolving Line of Credit also contains various covenants which limit our ability to, among other things, make certain investments, merge or consolidate with other entities and permit certain subsidiaries from incurring indebtedness. In addition, during a domestic cash trigger period (a Domestic Cash Trigger Period), which occurs (i) upon an event of default or (ii) when the amount of domestic cash or cash equivalents held in certain accounts is at any time less than \$500 million, and ends when both (a) no event of default has existed for 45 days and (b) the amount of domestic cash or cash equivalents held in such accounts has been equal to or greater than \$500 million for 45 days, we will become subject to various additional covenants which limit our ability to, among other things:

- allow certain subsidiaries that manufacture or process inventory for us or AMD International Sales & Service, Ltd. (together, the Borrowers) to borrow secured debt or unsecured debt beyond a certain amount;
- create any liens upon any of the Borrowers' property (other than customary permitted liens and liens on up to \$1.5 billion of secured credit facilities debt (which amount includes our Secured Revolving Line of Credit));

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- declare or make any distributions;
- create any encumbrance on the ability of a subsidiary to make any upstream payments;
- make asset dispositions other than certain ordinary course dispositions;
- make certain loans, make payments with respect to subordinated debt or certain borrowed money prior to its due date;
- become a party to certain agreements restricting the Borrowers' ability to incur or repay debt, grant liens, make distributions; and
- modify loan agreements or enter into any non-arm's-length transaction with an affiliate.

During a Domestic Cash Trigger Period, we also would be required to maintain a fixed charge coverage ratio each four-fiscal quarter period ending on and after March 29, 2014.

The agreements governing our notes and our Secured Revolving Line of Credit contain cross-default provisions whereby a default under one agreement would likely result in cross defaults under agreements covering other borrowings. For example, the occurrence of a default with respect to any indebtedness or any failure to repay debt when due in an amount in excess of \$50 million would cause a cross default under the indentures governing our 7.75% Notes, 8.125% Notes, 7.50% Notes and 6.00% Notes, as well as under our Secured Revolving Line of Credit. The occurrence of a default under any of these borrowing arrangements would permit the applicable note holders or the lenders under our Secured Revolving Line of Credit to declare all amounts outstanding under those borrowing arrangements to be immediately due and payable. If the note holders or the trustee under the indentures governing our 7.75% Notes, 8.125% Notes, 7.50% Notes or 6.00% Notes or the lenders under our Secured Revolving Line of Credit accelerate the repayment of borrowings, we cannot assure you that we will have sufficient assets to repay those borrowings.

### ***The markets in which our products are sold are highly competitive.***

The markets in which our products are sold are very competitive, and delivering the latest and best products to market on a timely basis is critical to achieving revenue growth. We believe that the main factors that determine our product competitiveness are timely product introductions, product quality (including enabling state of the art visual experience), power consumption (including battery life), reliability, selling price, speed, size (or form factor), cost, adherence to industry standards (and the creation of open industry standards), software and hardware compatibility and stability and brand awareness.

We expect that competition will continue to be intense due to rapid technological changes, frequent product introductions by our competitors of products that may provide better performance or may include additional features that render our products uncompetitive and aggressive pricing by competitors, especially during challenging economic times. Some competitors may have greater access or rights to companion technologies, including interface, processor and memory technical information. With the introduction of our APU products and other competing solutions, we believe that demand for additional discrete graphic cards may decrease in the future due to both the improvement of the quality of our competitor's integrated graphics and the graphics performance of our APUs. If competitors introduce competitive new products into the market before us, demand for our products could be adversely impacted and our business could be adversely affected.

We are implementing a long-term business strategy to refocus our business to address markets beyond our core PC market to the faster growing ultra low-power client, embedded, professional graphics, semi-custom and dense server markets. For example, our semi-custom products are developed and customized for our customers particular needs. However, we are entering markets with new and different competitors who may be able to adapt more quickly to customer requirements and emerging technologies. We cannot assure you that we will be able to compete successfully against current or new competitors who may have stronger positions in these new markets or superior ability to anticipate customer requirements and emerging industry trends.

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### ***The loss of a significant customer may have a material adverse effect on us.***

Collectively, our top five customers accounted for approximately 54% of our net revenue in 2013. On a segment basis, in 2013, five customers accounted for approximately 58% of the net revenue of our Computing Solutions segment and five customers accounted for approximately 70% of the net revenue of our Graphics and Visual Solutions segment. We expect that a small number of customers will continue to account for a substantial part of revenues of our businesses in the future. If one of our key customers decides to stop buying our products, or if one of these customers materially reduces its operations or its demand for our products, our business would be materially adversely affected.

### ***Our receipt of revenue from our semi-custom SOC products is dependent upon our technology being designed into third-party products and the success of those products.***

The revenue that we receive from our semi-custom SOC products is in the form of non-recurring engineering fees charged to third parties for design and development services and revenue received in connection with sales of our semi-custom SOC products to these third parties. As a result, our ability to generate revenue from our semi-custom products depends on our ability to secure customers for our semi-custom design pipeline. We also receive royalties paid to us by third parties in connection with sales of their products that incorporate our technology. Any revenue from sales of our semi-custom SOC products and any royalty revenue is directly related to sales of the third-party's products and reflective of their success in the market. Moreover, we have no control over the marketing efforts of these third parties, and we cannot make any assurances that sales of their products will be successful in current or future years. Consequently, the semi-custom SOC product and royalty revenue expected by us may not be fully realized, and our operating results may be adversely affected. In addition, we expect that as we continue to transition to a semi-custom business model, royalties paid to us by third parties in connection with sales of their products that incorporate our technology will decline.

### ***The demand for our products depends in part on the market conditions in the industries into which they are sold. Fluctuations in demand for our products or a market decline in any of these industries could have a material adverse effect on our results of operations.***

A significant portion of our business is currently dependent upon the market for desktop PCs and notebooks. Form factors have increasingly shifted from desktop PCs and notebooks to tablets, with tablets being one of the fastest growing form factors. Historically, a significant portion of our Computing Solutions revenue has been related to desktop PCs. Currently, a significant portion of our business is focused on the consumer PC portions of the market, and we believe that PC market conditions will remain challenging. Industry-wide fluctuations in the computer marketplace have materially adversely affected us in the past and may materially adversely affect us in the future. For example, our net revenue in the second half of 2012 and 2013 was adversely affected, in part, by the overall weakness in the global economy and weak consumer demand for end-user PC products, which impacted sales.

In addition, during the third and fourth quarter of 2013, we ramped sales of our semi-custom SOC products. Specifically, in the third and fourth quarters of 2013, net revenue from sales of our semi-custom SOC and embedded products represented more than 30% of total net revenue. The success of our semi-custom SOC products is dependent on securing customers for our semi-custom design pipeline and consumer market conditions, including the success of the Sony PlayStation®4 and Microsoft Xbox One game console systems.

### ***Our ability to design and introduce new products in a timely manner is dependent upon third-party intellectual property.***

In the design and development of new products and product enhancements, we rely on third-party intellectual property such as software development tools and hardware testing tools. Furthermore, certain product features may rely on intellectual property acquired from third parties. The design requirements necessary to meet consumer demand for more features and greater functionality from semiconductor products may exceed the



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capabilities of the third-party intellectual property or development tools available to us. If the third-party intellectual property that we use becomes unavailable, is not available in the time frame needed for our new products or fails to produce designs that meet customer demands, our business could be materially adversely affected.

***We depend on third-party companies for the design, manufacture and supply of motherboards, BIOS software and other computer platform components to support our microprocessor and graphics businesses.***

We depend on third-party companies for the design, manufacture and supply of motherboards, BIOS software and other components that our customers utilize to support our microprocessor, GPU and APU offerings. We also rely on our AIBs to support our GPU and APU businesses. In addition, our microprocessors are not designed to function with motherboards and chipsets designed to work with Intel microprocessors. If the designers, manufacturers, AIBs and suppliers of motherboards and other components decrease their support for our product offerings, our business could be materially adversely affected.

***If we lose Microsoft Corporation's support for our products or other software vendors do not design and develop software to run on our products, our ability to sell our products could be materially adversely affected.***

Our ability to innovate beyond the x86 instruction set controlled by Intel depends partially on Microsoft designing and developing its operating systems to run on or support our x86-based microprocessor products. With respect to our graphics products, we depend in part on Microsoft to design and develop its operating system to run on or support our graphics products. Similarly, the success of our products in the market, such as our APU products, is dependent on independent software providers designing and developing software to run on our products. If Microsoft does not continue to design and develop its operating systems so that they work with our x86 instruction sets or does not continue to develop and maintain their operating systems to support our graphics products, independent software providers may forego designing their software applications to take advantage of our innovations and customers may not purchase PCs with our products. In addition, some software drivers sold with our products are certified by Microsoft. If Microsoft did not certify a driver, or if we otherwise fail to retain the support of Microsoft or other software vendors, our ability to market our products would be materially adversely affected.

***We may incur future impairments of goodwill.***

We perform our annual goodwill impairment analysis as of the first day of the fourth quarter of each year. Subsequent to our annual goodwill impairment analysis, we monitor for any events or changes in circumstances, such as significant adverse changes in business climate or operating results, changes in management's business strategy, an inability to successfully introduce new products in the marketplace, an inability to successfully achieve internal forecasts or significant declines in our stock price, which may represent an indicator of impairment. The occurrence of any of these events may require us to record future goodwill impairment charges.

***Our inability to continue to attract and retain qualified personnel may hinder our product development programs.***

Much of our future success depends upon the continued service of numerous qualified engineering, marketing, sales and executive personnel. If we are not able to continue to attract, train and retain qualified personnel necessary for our business, the progress of our product development programs could be hindered, and we could be materially adversely affected. To help attract, retain and motivate qualified personnel, we use share-based incentive awards such as employee stock options and non-vested share units (restricted stock units). If the value of such stock awards does not appreciate as measured by the performance of the price of our common stock, or if our share-based compensation otherwise ceases to be viewed as a valuable benefit, our ability to attract, retain and motivate personnel could be weakened, which could harm our results of operations. In addition, our recent and any future restructuring plans may adversely impact our ability to attract and retain key employees.

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***In the event of a change of control, we may not be able to repurchase our outstanding debt as required by the applicable indentures and our Secured Revolving Line of Credit, which would result in a default under the indentures and our Secured Revolving Line of Credit.***

Upon a change of control, we will be required to offer to repurchase all of our 7.75% Notes, 8.125% Notes and 7.50% Notes then outstanding at 101% of the principal amount thereof, plus accrued and unpaid interest, if any, up to, but excluding, the repurchase date, and to offer to repurchase all of our 6.00% Notes then outstanding at 100% of the principal amount thereof, plus accrued and unpaid interest, if any, up to, but excluding the repurchase date. In addition, a change of control would be an event of default under our Secured Revolving Line of Credit. As of December 28, 2013, \$55 million was outstanding under our Secured Revolving Line of Credit and \$2.0 billion was outstanding under our notes. Future debt agreements may contain similar provisions. We may not have the financial resources to repurchase our outstanding notes and prepay all of our outstanding obligations under our Secured Revolving Line of Credit.

***The semiconductor industry is highly cyclical and has experienced severe downturns that have materially adversely affected, and may continue to materially adversely affect, our business in the future.***

The semiconductor industry is highly cyclical and has experienced significant downturns, often in conjunction with constant and rapid technological change, wide fluctuations in supply and demand, continuous new product introductions, price erosion and declines in general economic conditions. We have incurred substantial losses in recent downturns, due to:

- substantial declines in average selling prices;
- the cyclical nature of supply/demand imbalances in the semiconductor industry;
- a decline in demand for end-user products (such as PCs) that incorporate our products; and
- excess inventory levels.

Global economic uncertainty and weakness have also impacted the semiconductor market as consumers and businesses have deferred purchases, which negatively impacted demand for our products. Our financial performance has been, and may in the future be, negatively affected by these downturns. For example, our net revenue in the second half of 2012 and 2013 was adversely affected, in part, by the overall weakness in the global economy and weak consumer demand for end-user PC products, which impacted sales. We believe that consumer PC market conditions will remain challenging.

The growth of our business is also dependent on continued demand for our products from high-growth, emerging global markets. Our ability to be successful in such markets depends in part on our ability to establish adequate local infrastructure, as well as our ability to cultivate and maintain local relationships in these markets. If demand from these markets is below our expectations, sales of our products may decrease, which would have a material adverse effect on us.

***Our operating results are subject to quarterly and seasonal sales patterns.***

A substantial portion of our quarterly sales have historically been made in the last month of the quarter. This uneven sales pattern makes prediction of revenues for each financial period difficult and increases the risk of unanticipated variations in quarterly results and financial condition. In addition, our operating results tend to vary seasonally. For example, historically, first quarter PC product sales are generally lower than fourth quarter sales. In addition, with respect to our semi-custom SOC products for game consoles, we expect sales patterns to follow the seasonal trends of a consumer business with sales in the first half of the year being lower than sales in the second half of the year. Many of the factors that create and affect quarterly and seasonal trends are beyond our control.

***If essential equipment or materials are not available to manufacture our products, we could be materially adversely affected.***

We purchase equipment and materials for our internal back-end manufacturing operations from a number of suppliers and our operations depend upon obtaining deliveries of adequate supplies of equipment and materials on a timely basis. Our third-party manufacturing suppliers also depend on the same timely delivery of adequate quantities of equipment and materials in the manufacture of our products. Certain equipment and materials that are used in the manufacture of our products are available only from a limited number of suppliers. We also depend on a limited number of suppliers to provide the majority of certain types of integrated circuit packages for our microprocessors, including APU products. Similarly, certain non-proprietary materials or components such as memory, printed circuit boards (PCBs), substrates and capacitors used in the manufacture of our products are currently available from only a limited number of sources. Because some of the equipment and materials that we and our third-party manufacturing suppliers purchase are complex, it is sometimes difficult to substitute one supplier for another.

From time to time, suppliers may extend lead times, limit supply or increase prices due to capacity constraints or other factors. Also, some of these materials and components may be subject to rapid changes in price and availability. Interruption of supply or increased demand in the industry could cause shortages and price increases in various essential materials. Dependence on a sole supplier or a limited number of suppliers exacerbates these risks. If we are unable to procure certain of these materials for our back-end manufacturing operations, or our third-party foundries or manufacturing suppliers are unable to procure materials for manufacturing our products, our business would be materially adversely affected.

***Our issuance to West Coast Hitech L.P. (WCH) of warrants to purchase 35,000,000 shares of our common stock, if and when exercised by WCH, will dilute the ownership interests of our existing stockholders, and the conversion of the remainder of our 6.00% Notes may dilute the ownership interest of our existing stockholders.***

The warrants issued to WCH became exercisable in July 2009. Any issuance by us of additional shares to WCH upon exercise of the warrants will dilute the ownership interests of our existing stockholders. Any sales in the public market by WCH of any shares owned by WCH could adversely affect prevailing market prices of our common stock, and the anticipated exercise by WCH of the warrants could depress the price of our common stock.

Moreover, the conversion of our remaining 6.00% Notes may dilute the ownership interests of our existing stockholders. The conversion of our 6.00% Notes could have a dilutive effect on our earnings per share to the extent that the price of our common stock exceeds the conversion price of our 6.00% Notes. Any sales in the public market of our common stock issuable upon conversion of our 6.00% Notes could adversely affect prevailing market prices of our common stock. In addition, the conversion of our 6.00% Notes into cash and shares of our common stock could depress the price of our common stock.

***If our products are not compatible with some or all industry-standard software and hardware, we could be materially adversely affected.***

Our products may not be fully compatible with some or all industry-standard software and hardware. Further, we may be unsuccessful in correcting any such compatibility problems in a timely manner. If our customers are unable to achieve compatibility with software or hardware after our products are shipped in volume, we could be materially adversely affected. In addition, the mere announcement of an incompatibility problem relating to our products could have a material adverse effect on our business.

***Costs related to defective products could have a material adverse effect on us.***

Products as complex as those we offer may contain defects or failures when first introduced or when new versions or enhancements to existing products are released. We cannot assure you that, despite our testing

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procedures, errors will not be found in new products or releases after commencement of commercial shipments in the future, which could result in loss of or delay in market acceptance of our products, material recall and replacement costs, delay in recognition or loss of revenues, writing down the inventory of defective products, the diversion of the attention of our engineering personnel from product development efforts, defending against litigation related to defective products or related property damage or personal injury and damage to our reputation in the industry and could adversely affect our relationships with our customers. In addition, we may have difficulty identifying the end customers of the defective products in the field. As a result, we could incur substantial costs to implement modifications to correct defects. Any of these problems could materially adversely affect our business.

We could be subject to potential product liability claims if one of our products causes, or merely appears to have caused, an injury. Claims may be made by consumers or others selling our products, and we may be subject to claims against us even if an alleged injury is due to the actions of others. A product liability claim, recall or other claim with respect to uninsured liabilities or for amounts in excess of insured liabilities could have a material adverse effect on our business.

***If we fail to maintain the efficiency of our supply chain as we respond to changes in customer demand for our products, our business could be materially adversely affected.***

Our ability to meet customer demand for our products depends, in part, on our ability to deliver the products our customers want on a timely basis. Accordingly, we rely on our supply chain for the manufacturing, distribution and fulfillment of our products. As we continue to grow our business, acquire new customers and strengthen relationships with existing customers, the efficiency of our supply chain will become increasingly important because many of our customers tend to have specific requirements for particular products, and specific time-frames in which they require delivery of these products. If we are unable to consistently deliver the right products to our customers on a timely basis in the right locations, our customers may reduce the quantities they order from us, which could have a material adverse effect on our business.

***We outsource to third parties certain supply-chain logistics functions, including portions of our product distribution, transportation management and information technology support services.***

We rely on third-party providers to operate our regional product distribution centers and to manage the transportation of our work-in-process and finished products among our facilities, to our manufacturing suppliers and to our customers. In addition, we rely on third parties to provide certain information technology services to us, including help desk support, desktop application services, business and software support applications, server and storage administration, data center operations, database administration and voice, video and remote access. We cannot guarantee that these providers will fulfill their respective responsibilities in a timely manner in accordance with the contract terms, in which case our internal operations and the distribution of our products to our customers could be materially adversely affected. Also, we cannot guarantee that our contracts with these third-party providers will be renewed, in which case we would have to transition these functions in-house or secure new providers, which could have a material adverse effect on our business if the transition is not executed appropriately.

***Our business is dependent upon the proper functioning of our internal business processes and information systems and modification or interruption of such systems may disrupt our business, processes and internal controls.***

We rely upon a number of internal business processes and information systems to support key business functions, and the efficient operation of these processes and systems is critical to our business. Our business processes and information systems need to be sufficiently scalable to support the growth of our business and may require modifications or upgrades that expose us to a number of operational risks. We are currently pursuing initiatives to transform and optimize our business operations through the reengineering of certain processes,

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investment in automation and engagement of strategic partners or resources to assist with certain business functions. These changes may be costly and disruptive to our operations and could impose substantial demands on management time.

These changes may also require changes in our information systems, modification of internal control procedures and significant training of employees and third-party resources. We are currently implementing an initiative to transition certain key information technology applications and business systems from various AMD development locations to centralized consolidated data centers. There can be no assurance that our business and operations will not experience any disruption in connection with this transition. Our information technology systems, and those of third-party information technology providers or business partners, may also be vulnerable to damage or disruption caused by circumstances beyond our control including catastrophic events, power anomalies or outages, natural disasters, viruses or malware, and computer system or network failures. There can be no assurance that our business systems or those of our third-party business partners would not be subject to similar incidents, including cyber-security incidents, exposing us to significant cost, reputational harm and disruption or damage to our business.

### ***Data breaches and cyber-attacks could compromise our intellectual property or other sensitive information and cause significant damage to our business and reputation.***

In the ordinary course of our business, we maintain sensitive data on our networks, including our intellectual property and proprietary or confidential business information relating to our business and that of our customers and business partners. The secure maintenance of this information is critical to our business and reputation. We believe that companies in the technology industry have been increasingly subject to a wide variety of security incidents, cyber-attacks and other attempts to gain unauthorized access. Our network and storage applications may be subject to unauthorized access by hackers or breached due to operator error, malfeasance or other system disruptions. In some cases, it is difficult to anticipate or immediately detect such incidents and the damage caused thereby. These data breaches and any unauthorized access or disclosure of our information or intellectual property could compromise our intellectual property and expose sensitive business information. Cyber-attacks could also cause us to incur significant remediation costs, disrupt key business operations and divert attention of management and key information technology resources. These incidents could also subject us to liability, expose us to significant expense and cause significant harm to our reputation and business.

### ***Uncertainties involving the ordering and shipment of our products could materially adversely affect us.***

We typically sell our products pursuant to individual purchase orders. We generally do not have long-term supply arrangements with our customers or minimum purchase requirements except that orders generally must be for standard pack quantities. Generally, our customers may cancel orders for standard products more than 30 days prior to shipment without incurring significant fees. We base our inventory levels in part on customers' estimates of demand for their products, which may not accurately predict the quantity or type of our products that our customers will want in the future or ultimately end up purchasing. Our ability to forecast demand is even further complicated when we sell indirectly through distributors, as our forecasts for demand are then based on estimates provided by multiple parties.

PC and consumer markets are characterized by short product lifecycles, which can lead to rapid obsolescence and price erosion. In addition, our customers may change their inventory practices on short notice for any reason. We may build inventories during periods of anticipated growth, and the cancellation or deferral of product orders or overproduction due to failure of anticipated orders to materialize, could result in excess or obsolete inventory, which could result in write-downs of inventory and an adverse effect on gross margins.

Factors that may result in excess or obsolete inventory, which could result in write-downs of the value of our inventory, a reduction in the average selling price or a reduction in our gross margin include:

- a sudden or significant decrease in demand for our products;
- a production or design defect in our products;

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- a higher incidence of inventory obsolescence because of rapidly changing technology and customer requirements;
- a failure to accurately estimate customer demand for our products, including for our older products as our new products are introduced; or
- our competitors taking aggressive pricing actions.

Because market conditions are uncertain and because we believe that consumer PC market conditions will remain challenging, these and other factors could materially adversely affect our business.

### ***Our reliance on third-party distributors and add-in-board (AIB) partners subjects us to certain risks.***

We market and sell our products directly and through third-party distributors and AIB partners pursuant to agreements that can generally be terminated for convenience by either party upon prior notice to the other party. These agreements are non-exclusive and permit both our distributors and AIBs to offer our competitors' products. We are dependent on our distributors and AIBs to supplement our direct marketing and sales efforts. If any significant distributor or AIB or a substantial number of our distributors or AIBs terminated their relationship with us, decided to market our competitors' products over our products or decided not to market our products at all, our ability to bring our products to market would be impacted and we would be materially adversely affected. If we are unable to manage the risks related to the use of our third-party distributors and AIB partners or offer the appropriate incentives to focus them on the sale of our products, our business could be materially adversely affected.

Additionally, distributors and AIBs typically maintain an inventory of our products. In most instances, our agreements with distributors protect their inventory of our products against price reductions, as well as provide return rights for any product that we have removed from our price book and that is not more than 12 months older than the manufacturing code date. Some agreements with our distributors also contain standard stock rotation provisions permitting limited levels of product returns. Our agreements with AIBs protect their inventory of our products against price reductions. We defer the gross margins on our sales to distributors and AIBs, resulting from both our deferral of revenue and related product costs, until the applicable products are re-sold by the distributors or the AIBs. However, in the event of a significant decline in the price of our products, the price protection rights we offer would materially adversely affect us because our revenue and corresponding gross margin would decline.

### ***Acquisitions could disrupt our business, harm our financial condition and operating results or dilute, or adversely affect the price of, our common stock.***

Our success will depend, in part, on our ability to expand our product offerings and grow our business in response to changing technologies, customer demands and competitive pressures. In some circumstances, we may pursue growth through the acquisition of complementary businesses, solutions or technologies rather than through internal development. The identification of suitable acquisition candidates can be difficult, time-consuming and costly, and we may not be able to successfully complete identified acquisitions. Moreover, if such acquisitions require us to seek additional debt or equity financing, we may not be able to obtain such financing on terms favorable to us or at all. Even if we successfully complete an acquisition, we may not be able to assimilate and integrate effectively or efficiently the acquired business, technologies, solutions, assets, personnel or operations, particularly if key personnel of the acquired company decide not to work for us. Acquisitions may also involve the entry into geographic or business markets in which we have little or no prior experience. Consequently, we may not achieve anticipated benefits of the acquisitions which could harm our operating results. In addition, to complete an acquisition, we may issue equity securities, which would dilute our stockholders' ownership and could adversely affect the price of our common stock, as well as incur debt, assume contingent liabilities or have amortization expenses and write-downs of acquired assets, which could adversely affect our results of operations. Acquisitions may also reduce our cash available for operations and other uses, which could harm our business.

***Our worldwide operations are subject to political, legal and economic risks and natural disasters, which could have a material adverse effect on us.***

We maintain operations around the world, including in the United States, Canada, Europe and Asia. We rely on third-party wafer foundries in Europe and Asia. Nearly all product assembly and final testing of our products is performed at manufacturing facilities, operated by us as well as third-party manufacturing facilities, in China, Malaysia and Taiwan. We also have international sales operations. International sales, as a percent of net revenue, were 77% in the fourth quarter of 2013 and 85% for the year ended 2013. We expect that international sales will continue to be a significant portion of total sales in the foreseeable future.

The political, legal and economic risks associated with our operations in foreign countries include, without limitation:

- expropriation;
- changes in a specific country's or region's political or economic conditions;
- changes in tax laws, trade protection measures and import or export licensing requirements;
- difficulties in protecting our intellectual property;
- difficulties in managing staffing and exposure to different employment practices and labor laws;
- changes in foreign currency exchange rates;
- restrictions on transfers of funds and other assets of our subsidiaries between jurisdictions;
- changes in freight and interest rates;
- disruption in air transportation between the United States and our overseas facilities;
- loss or modification of exemptions for taxes and tariffs; and
- compliance with U.S. laws and regulations related to international operations, including export control and economic sanctions laws and regulations and the Foreign Corrupt Practices Act.

In addition, our worldwide operations (or those of our business partners) could be subject to natural disasters such as earthquakes, tsunamis, flooding, typhoons and volcanic eruptions that disrupt manufacturing or other operations. For example, our Sunnyvale operations are located near major earthquake fault lines in California. Any conflict or uncertainty in the countries in which we operate, including public health issues (for example, an outbreak of a contagious disease such as Avian Influenza), safety issues, natural disasters, fire, disruptions of service from utilities, nuclear power plant accidents or general economic or political factors, could have a material adverse effect on our business. Any of the above risks, should they occur, could result in an increase in the cost of components, production delays, general business interruptions, delays from difficulties in obtaining export licenses for certain technology, tariffs and other barriers and restrictions, longer payment cycles, increased taxes, restrictions on the repatriation of funds and the burdens of complying with a variety of foreign laws, any of which could ultimately have a material adverse effect on our business.

***Worldwide political conditions may adversely affect demand for our products.***

Worldwide political conditions may create uncertainties that could adversely affect our business. The United States has been and may continue to be involved in armed conflicts that could have a further impact on our sales and our supply chain. The consequences of armed conflict, political instability or civil or military unrest are unpredictable, and we may not be able to foresee events that could have a material adverse effect on us. Terrorist attacks or other hostile acts may negatively affect our operations, or adversely affect demand for our products, and such attacks or related armed conflicts may impact our physical facilities or those of our suppliers or customers. Furthermore, these attacks or hostile acts may make travel and the transportation of our products more difficult and more expensive, which could materially adversely affect us. Any of these events could cause consumer spending to decrease or result in increased volatility in the United States economy and worldwide financial markets.

***Unfavorable currency exchange rate fluctuations could adversely affect us.***

We have costs, assets and liabilities that are denominated in foreign currencies, primarily the Canadian dollar. As a consequence, movements in exchange rates could cause our foreign currency denominated expenses to increase as a percentage of revenue, affecting our profitability and cash flows. Whenever we believe appropriate, we hedge a portion of our short-term foreign currency exposure to protect against fluctuations in currency exchange rates. We determine our total foreign currency exposure using projections of long-term expenditures for items such as payroll. We cannot assure you that these activities will be effective in reducing foreign exchange rate exposure. Failure to do so could have an adverse effect on our business, financial condition, results of operations and cash flow. In addition, the majority of our product sales are denominated in U.S. dollars. Fluctuations in the exchange rate between the U.S. dollar and the local currency can cause increases or decreases in the cost of our products in the local currency of such customers. An appreciation of the U.S. dollar relative to the local currency could reduce sales of our products.

***Our inability to effectively control the sales of our products on the gray market could have a material adverse effect on us.***

We market and sell our products directly to OEMs and through authorized third-party distributors. From time to time, our products are diverted from our authorized distribution channels and are sold on the “gray market.” Gray market products result in shadow inventory that is not visible to us, thus making it difficult to forecast demand accurately. Also, when gray market products enter the market, we and our distribution channels compete with these heavily discounted gray market products, which adversely affects demand for our products and negatively impact our margins. In addition, our inability to control gray market activities could result in customer satisfaction issues because any time products are purchased outside our authorized distribution channels there is a risk that our customers are buying counterfeit or substandard products, including products that may have been altered, mishandled or damaged, or are used products represented as new.

***If we cannot adequately protect our technology or other intellectual property in the United States and abroad, through patents, copyrights, trade secrets, trademarks and other measures, we may lose a competitive advantage and incur significant expenses.***

We rely on a combination of protections provided by contracts, including confidentiality and nondisclosure agreements, copyrights, patents, trademarks and common law rights, such as trade secrets, to protect our intellectual property. However, we cannot assure you that we will be able to adequately protect our technology or other intellectual property from third-party infringement or from misappropriation in the United States and abroad. Any patent licensed by us or issued to us could be challenged, invalidated or circumvented or rights granted there under may not provide a competitive advantage to us. Furthermore, patent applications that we file may not result in issuance of a patent or, if a patent is issued, the patent may not be issued in a form that is advantageous to us. Despite our efforts to protect our intellectual property rights, others may independently develop similar products, duplicate our products or design around our patents and other rights. In addition, it is difficult to monitor compliance with, and enforce, our intellectual property on a worldwide basis in a cost-effective manner. In jurisdictions where foreign laws provide less intellectual property protection than afforded in the United States and abroad, our technology or other intellectual property may be compromised, and our business would be materially adversely affected.

***We are party to litigation and may become a party to other claims or litigation that could cause us to incur substantial costs or pay substantial damages or prohibit us from selling our products.***

From time to time, we are a defendant or plaintiff in various legal actions. For example, on January 15, 2014, a complaint was filed against us seeking damages for alleged securities law violations, which is described in “Part 1, Item 3: Legal Proceedings” below. We also sell products to consumers, which could increase our exposure to consumer actions such as product liability claims. On occasion, we receive claims that individuals were allegedly exposed to substances used in our former semiconductor wafer manufacturing facilities and that



this alleged exposure caused harm. Litigation can involve complex factual and legal questions, and its outcome is uncertain. Any claim that is successfully asserted against us, including in the January 15, 2014 complaint filed against us, may result in the payment of damages that could be material to our business.

With respect to intellectual property litigation, from time to time, we have been notified of, or third parties may bring or have brought, actions against us and/or against our customers based on allegations that we are infringing the intellectual property rights of others, contributing to or inducing the infringement of the intellectual property rights of others or otherwise improperly using the intellectual property of others. If any such claims are asserted, we may seek to obtain a license under the third parties' intellectual property rights. We cannot assure you that we will be able to obtain all of the necessary licenses on satisfactory terms, if at all. In the event that we do not obtain a license, these parties may file lawsuits against us or our customers seeking damages (potentially up to and including treble damages) or an injunction against the sale of products that incorporate allegedly infringed intellectual property or against the operation of our business as presently conducted, which could result in our having to stop the sale of some of our products or to increase the costs of selling some of our products or which could damage our reputation. The award of damages, including material royalty payments, or the entry of an injunction against the manufacture and sale of some or all of our products could have a material adverse effect on us. We could decide, in the alternative, to redesign our products or to resort to litigation to challenge such claims. Such challenges could be extremely expensive and time-consuming regardless of their merit, could cause delays in product release or shipment and/or could have a material adverse effect on us. We cannot assure you that litigation related to our intellectual property rights or the intellectual property rights of others can always be avoided or successfully concluded.

Even if we were to prevail, any litigation could be costly and time-consuming and would divert the attention of our management and key personnel from our business operations, which could have a material adverse effect on us.

***A variety of environmental laws that we are subject to could result in additional costs and liabilities.***

Our operations and properties have in the past and continue to be subject to various United States and foreign environmental laws and regulations, including those relating to materials used in our products and manufacturing processes, discharge of pollutants into the environment, the treatment, transport, storage and disposal of solid and hazardous wastes and remediation of contamination. These laws and regulations require us to obtain permits for our operations, including the discharge of air pollutants and wastewater. Although our management systems are designed to maintain compliance, we cannot assure you that we have been or will be at all times in complete compliance with such laws, regulations and permits. If we violate or fail to comply with any of them, a range of consequences could result, including fines, suspension of production, alteration of manufacturing processes, import/export restrictions, sales limitations, criminal and civil liabilities or other sanctions. We could also be held liable for any and all consequences arising out of exposure to hazardous materials used, stored, released, disposed of by us or located at, under or emanating from our facilities or other environmental or natural resource damage.

Certain environmental laws, including the U.S. Comprehensive, Environmental Response, Compensation and Liability Act of 1980, or the Superfund Act, impose strict or, under certain circumstances, joint and several liability on current and previous owners or operators of real property for the cost of removal or remediation of hazardous substances and impose liability for damages to natural resources. These laws often impose liability even if the owner or operator did not know of, or was not responsible for, the release of such hazardous substances. These environmental laws also assess liability on persons who arrange for hazardous substances to be sent to disposal or treatment facilities when such facilities are found to be contaminated. Such persons can be responsible for cleanup costs even if they never owned or operated the contaminated facility. We have been named as a responsible party at three Superfund sites in Sunnyvale, California. Although we have not yet been, we could be named a potentially responsible party at other Superfund or contaminated sites in the future. In addition, contamination that has not yet been identified could exist at our other facilities.

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Environmental laws are complex, change frequently and have tended to become more stringent over time. For example, the EU and China are two among a growing number of jurisdictions that have enacted restrictions on the use of lead and other materials in electronic products. These regulations affect semiconductor devices and packaging. As regulations restricting materials in electronic products continue to increase around the world, there is a risk that the cost, quality and manufacturing yields of products that are subject to these restrictions, may be less favorable compared to products that are not subject to such restrictions, or that the transition to compliant products may produce sudden changes in demand, which may result in excess inventory.

Recent U.S. legislation includes disclosure and reporting requirements for companies who use “conflict” minerals that originate from the Democratic Republic of Congo or adjoining countries. We will likely incur additional costs associated with complying with these requirements, such as costs related to determining the source of any conflict minerals used in our products, auditing the process and reporting to our customers and the U.S. government. Also, since our supply chain is complex, we may face reputational challenges if we are unable to sufficiently verify the origins of the subject minerals. Moreover, we are likely to encounter challenges to satisfy those customers who require that all of the components of our products are certified as “conflict free,” and if we cannot satisfy these customers, they may choose a competitor’s products. In January 2014, Intel announced that all of its microprocessor products are “conflict free.” Our first “conflict” minerals report covering the 2013 calendar year is due to the SEC by June 2, 2014.

A number of jurisdictions including the EU, Australia and China are developing or have finalized market entry or public procurement regulations for computers and servers based on ENERGY STAR specifications as well as additional energy consumption limits. There is the potential for certain of our products being excluded from some of these markets which could materially adversely affect us.

While we have budgeted for foreseeable associated expenditures, we cannot assure you that future environmental legal requirements will not become more stringent or costly in the future. Therefore, we cannot assure you that our costs of complying with current and future environmental and health and safety laws, and our liabilities arising from past and future releases of, or exposure to, hazardous substances will not have a material adverse effect on us.

### ***Our business is subject to potential tax liabilities.***

We are subject to income taxes in the United States, Canada and other foreign jurisdictions. Significant judgment is required in determining our worldwide provision for income taxes. In the ordinary course of our business, there are many transactions and calculations where the ultimate tax determination is uncertain. Although we believe our tax estimates are reasonable, we cannot assure you that the final determination of any tax audits and litigation will not be materially different from that which is reflected in historical income tax provisions and accruals. Should additional taxes be assessed as a result of an audit or litigation, there could be a material adverse effect on our cash, income tax provision and net income in the period or periods for which that determination is made.

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

None.

### **ITEM 2. PROPERTIES**

At December 28, 2013, we owned principal research and development, engineering, manufacturing, warehouse and administrative facilities located in Canada, China and Malaysia. These facilities totaled approximately 934,000 square feet.

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We lease our main facility with respect to our graphics and visual solutions and chipset products, which is located in Markham, Ontario, Canada. This facility consists of approximately 240,000 square feet of office and research and development space. We own and operate one additional facility in Markham, Ontario which consists of approximately 123,000 square feet, including office space and approximately 30,000 square feet of warehouse space. We also currently own and operate two facilities in Malaysia and China comprising an aggregate of approximately 811,000 square feet, including office space and approximately 250,000 square feet of assembly, test, mark and packaging facilities, which are described in further detail in the section entitled “Assembly, Test, Mark and Packaging Facilities,” above.

In some cases, we lease all or a portion of the land on which our facilities are located. We lease approximately 422,000 square feet of land in Suzhou, China for our assembly test, mark and packaging facilities.

As of December 28, 2013, we also leased approximately 2.5 million square feet of space for engineering, manufacturing, warehouse and administrative use, including our headquarters in Sunnyvale, California, our principal administrative facilities in Austin, Texas, and a number of smaller regional sales offices located in commercial centers near customers, principally in the United States, Latin America, Europe and Asia. These leases expire at varying dates through 2025, although some of these leases include optional renewals. The lease for our headquarters in Sunnyvale, California expires in December 2018, and provides for two successive 10-year optional renewals. The lease for our principal administrative facilities in Austin, Texas expires in March 2025, and provides for one 10-year optional renewal.

We also have approximately 165,000 square feet of building space that is currently vacant. We continue to have lease obligations with respect to this space that expire at various dates through 2018. We are actively marketing this space for sublease.

We currently do not anticipate difficulty in either retaining occupancy of any of our facilities through lease renewals prior to expiration or through month-to-month occupancy, or replacing them with equivalent facilities.

We believe that our existing facilities are suitable and adequate for our present purposes, and that, except as discussed above, the productive capacity of such facilities is substantially being utilized or we have plans to utilize it.

## **ITEM 3. LEGAL PROCEEDINGS**

### **Securities Class Action**

On January 15, 2014, a class action lawsuit captioned *Hatamian v. AMD, et al., C.A. No. 3:14-cv-00226* was filed against us in the United States District Court for the Northern District of California. The complaint purports to assert claims against AMD and certain individual officers for alleged violations of Section 10(b) of the Securities Exchange Act of 1934, as amended (the Exchange Act), and Rule 10b-5 of the Exchange Act. The plaintiff seeks to represent a proposed class of all persons who purchased or otherwise acquired our common stock during the period October 27, 2011 through October 28, 2012. The complaint seeks damages allegedly caused by alleged materially misleading statements and/or material omissions by us and the individual officers regarding our 32nm technology and “Llano” product, which statements and omissions, the plaintiffs claim, allegedly operated to inflate artificially the price paid for our common stock during the period. The complaint seeks unspecified compensatory damages, attorneys’ fees and costs. Based upon information presently known to management, we believe that the potential liability, if any, will not have a material adverse effect on our financial condition, cash flows or results of operations.

### **Environmental Matters**

We are named as a responsible party on Superfund clean-up orders for three sites in Sunnyvale, California that are on the National Priorities List. Since 1981, we have discovered hazardous material releases to the groundwater from former underground tanks and proceeded to investigate and conduct remediation at these three sites. The chemicals released into the groundwater were commonly used in the semiconductor industry in the United States in the wafer fabrication process prior to 1979.

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In 1991, we received Final Site Clean-up Requirements Orders from the California Regional Water Quality Control Board relating to the three sites. We have entered into settlement agreements with other responsible parties on two of the orders. During the term of such agreements other parties have agreed to assume most of the foreseeable costs as well as the primary role in conducting remediation activities under the orders. We remain responsible for additional costs beyond the scope of the agreements as well as all remaining costs in the event that the other parties do not fulfill their obligations under the settlement agreements.

To address anticipated future remediation costs under the orders, we have computed and recorded an estimated environmental liability of approximately \$5.4 million and have not recorded any potential insurance recoveries in determining the estimated costs of the cleanup. Costs could also increase as a result of additional test and remediation obligations imposed by the Environmental Protection Agency or California Regional Water Quality Control Board. The progress of future remediation efforts cannot be predicted with certainty and these costs may change. We believe that the potential liability, if any, in excess of amounts already accrued, will not have a material adverse effect on our financial condition, cash flows or results of operations.

### **Other Matters**

We are a defendant or plaintiff in various actions that arose in the normal course of business. With respect to these matters, based on our current knowledge, we believe that the amount or range of reasonably possible loss, if any, will not, either individually or in the aggregate, have a material adverse effect on our financial condition, cash flows or results of operations.

### **ITEM 4. MINE SAFETY DISCLOSURES**

Not Applicable.