

Risk Factors Comparison 2024-02-20 to 2023-02-01 Form: 10-K

Legend: **New Text** ~~Removed Text~~ Unchanged Text **Moved Text Section**

Global Business Risks **We may be the victim of business disruptions and security breaches,including cyber- attacks,which could lead to liability or could damage our reputation and financial results Information technology system and / or network disruptions,regardless of the cause,but including acts of sabotage,error,or other actions,could harm the company' s operations.Failure to effectively prevent,detect,and recover from security breaches,including cyber-attacks,could result in the misuse of company assets,disruption to the company,diversion of management resources,regulatory inquiries,legal claims or proceedings,reputational damage,loss of sales and other costs to the company.We routinely face attacks that attempt to breach our security protocols,gain access to or disrupt our computerized systems or steal proprietary company,customer,partner or employee information.These attacks are sometimes successful.These attacks may be due to security breaches,employee error,theft,malfesance,phishing schemes,ransomware,faulty password or data security management,or other irregularities.The theft,loss,destruction,unavailability or misuse of personal or business data collected,used,stored or transferred by us to run our business could result in increased security costs or costs related to defending legal claims.Industrial espionage,theft or loss of our intellectual property data could lead to counterfeit products or harm the competitive position of our products and services.Costs to implement,test and maintain measures to promote compliance with applicable privacy and data security laws as well as to protect the overall security of our system have been and are expected to continue to be significant.** Attempted or successful attacks against our products and services could damage our reputation with customers or users and reduce demand for our products and services. Additionally, there is an increased risk that we may experience cybersecurity- related events such as **COVID- 19 themed** phishing attacks and other security challenges as a result of **most of our** hybrid working arrangements and employees and our service providers working remotely **from non-corporate managed networks during the ongoing COVID- 19 pandemic and potentially continuing working remotely even after the COVID- 19 pandemic has subsided** . In addition, the risk of cyber- attacks has increased in connection with the **military** conflict between Russia and Ukraine and **in the Middle East- resulting geopolitical conflict** . In light of those and other geopolitical events, nation- state actors or their supporters may launch retaliatory cyber- attacks, and may attempt to cause supply chain and other third- party service provider disruptions, or take other geopolitically motivated retaliatory actions that may disrupt our business operations, result in data compromise, or both. Nation- state actors have in the past carried out, and may in the future carry out, cyber- attacks to achieve their aims and goals, which may include espionage, information operations, monetary gain, ransomware, disruption, and destruction. In **February** 2022, the U.S. Cybersecurity and Infrastructure Security Agency issued a “ Shields Up ” alert for American organizations noting the potential for Russia’ s cyber- attacks on Ukrainian government and critical infrastructure organizations to impact organizations both within and beyond the United States, particularly in the wake of sanctions imposed by the United States and its allies. These circumstances increase the likelihood of cyber- attacks and / or security breaches. We may be subject to information technology failures that could damage our reputation, business operations and financial condition. We rely on information technology for the effective operation of our business. Our systems are subject to damage or interruption from a number of potential sources, including natural disasters, accidents, power disruptions, telecommunications failures, acts of terrorism or war, computer viruses, theft, physical or electronic break- ins, cyber- attacks, sabotage, vandalism, or similar events or disruptions. Our security measures may not detect or prevent such security breaches. Any such compromise of our information security could result in the theft or unauthorized publication or use of our confidential business or proprietary information, result in the unauthorized release of customer, supplier or employee data, result in a violation of privacy or other laws, expose us to a risk of litigation or damage our reputation. In addition, our inability to use or access information systems at critical points in time could unfavorably impact the timely and efficient operation of our business, which could negatively affect our business and operating results. Third parties with which we conduct business, such as foundries, assembly and test contractors, distributors and customers, have access to certain portions of our sensitive data. In the event that these third parties do not properly safeguard our data that they hold, security breaches could result and negatively impact our reputation, business operations and financial results. Additionally, a successful cyber- attack against one of these third- parties’ information technology systems may disrupt our supply chain. ~~We have limited resources compared to some of our current and potential competitors and we may not be able to compete effectively and increase market share. Some of our current and potential competitors have longer operating histories, significantly greater resources and name recognition and a larger base of customers than we have. As a result, these competitors may have greater credibility with our existing and potential customers. They also may be able to adopt more aggressive pricing policies and devote greater resources to the development, promotion and sale of their products than we can to ours. In addition, some of our current and potential competitors have already established supplier or joint development relationships with the decision makers at our current or potential customers. These competitors may be able to leverage their existing relationships to discourage their customers from purchasing products from us or persuade them to replace our products with their products. Our competitors may also offer bundled solutions offering a more complete product despite the technical merits or advantages of our products. These competitors may elect not to support our products which could complicate our sales efforts. We also face increased competition as a result of China actively promoting its domestic semiconductor industry through policy changes and investment. These actions, as well as China- U.S. trade barriers, may restrict our participation in the China market or may prevent us from competing effectively with Chinese companies or companies from other countries that China favors over the United States. Furthermore, our current or potential~~

competitors may be acquired by third parties with greater available resources and the ability to initiate or withstand substantial price competition, which may include price concessions, delayed payment terms, financing terms, or other terms and conditions that are more enticing to potential customers. These and other competitive pressures may prevent us from competing successfully against current or future competitors, and may materially harm our business. Competition could decrease our prices, reduce our sales, lower our gross profit and / or decrease our market share. We may not be able to maintain our historical growth and may experience significant period- to- period fluctuations in our revenues and operating results, which may result in volatility in our stock price. Although we have generally experienced revenue growth in our history, we may not be able to sustain this growth. We may also experience significant period- to- period fluctuations in our revenues and operating results in the future due to a number of factors, and any such variations may cause our stock price to fluctuate. **If in some future period** our revenues or operating results **are may be** below the expectations of public market analysts or investors. **If this occurs**, our stock price may drop, perhaps significantly. A number of factors, in addition to those cited in other risk factors applicable to our business, may contribute to fluctuations in our revenues and operating results, including:

- The timing and volume of orders received from our customers;
- The timeliness of our new product introductions and the rate at which our new products may cannibalize our older products;
- The rate of acceptance of our products by our customers, including the acceptance of new products we may develop for integration in the products manufactured by such customers, which we refer to as “ design wins ”;
- The time lag and realization rate between “ design wins ” and production orders;
- Supplier capacity constraints;
- The demand for, and life cycles of, the products incorporating our mixed- signal solutions;
- The rate of adoption of mixed- signal products in the markets we target;
- Deferrals or reductions of customer orders in anticipation of new products or product enhancements from us or our competitors or other providers of mixed- signal ICs;
- Changes in product mix;
- The average selling prices for our products could drop suddenly due to competitive offerings or competitive predatory pricing;
- The average selling prices for our products generally decline over time;
- Changes in market standards;
- Impairment charges related to inventory, equipment or other long- lived assets;
- The software used in our products, including software provided by third parties, may not meet the needs of our customers;
- Our customers may not be able to obtain other components such as capacitors **(which are currently in short supply)** that they need to incorporate in conjunction with our products, leading to potential downturn in the demand for our products;
- Significant legal costs to defend our intellectual property rights or respond to claims against us; and
- The rate at which new markets emerge for products we are currently developing or for which our design expertise can be utilized to develop products for these new markets.

The markets for consumer electronics, for example, are characterized by rapid fluctuations in demand and seasonality that result in corresponding fluctuations in the demand for our products that are incorporated in such devices. Additionally, the rate of technology acceptance by our customers results in fluctuating demand for our products as customers are reluctant to incorporate a new IC into their products until the new IC has achieved market acceptance. Once a new IC achieves market acceptance, demand for the new IC can quickly accelerate to a point and then level off such that rapid historical growth in sales of a product should not be viewed as indicative of continued future growth. In addition, demand can quickly decline for a product when a new IC product is introduced and receives market acceptance. Due to the various factors mentioned above, the results of any prior **quarterly or annual periods should not be relied upon as an indication of our future operating performance.** We rely on third parties to manufacture, assemble and test our products, which subjects us to risks of disruptions in our supply chain. We do not have our own wafer fab manufacturing facilities. Therefore, we rely on third- party vendors to manufacture the products we design. We also currently rely on third- party assembly subcontractors in Asia to assemble and package the silicon chips provided by the wafers for use in final products. Additionally, we rely on these offshore subcontractors for a substantial portion of the testing requirements of our products prior to shipping. We expect utilization of third- party subcontractors to continue in the future. The cyclical nature of the semiconductor industry drives wide fluctuations in available capacity at third- party vendors. On occasion, we have been unable to adequately respond to unexpected increases in customer demand due to capacity constraints and, therefore, were unable to benefit from this incremental demand. We may be unable to obtain adequate foundry, assembly or test capacity from our third- party subcontractors to meet our customers’ delivery requirements even if we adequately forecast customer demand. For example, foundry, assembly and test capacity is currently limited due to a spike in semiconductor demand. As a result, we have recently experienced longer lead times at certain third- party foundry subcontractors. This is resulting in competing demand for capacity at our suppliers. Such conditions may adversely affect our revenue and increase our costs. There are significant risks associated with relying on these third- party foundries and subcontractors, including:

- Failure by us, our customers or their end customers to qualify a selected supplier;
- Disruption to our suppliers’ operations due to geopolitical changes, including risks related to deteriorating relations between China and Taiwan;
- Potential insolvency of the third- party subcontractors;
- Reduced control over delivery schedules and quality;
- Limited warranties on wafers or products supplied to us;
- Potential increases in prices or payments in advance for capacity;
- Increased need for international- based supply, logistics and financial management;
- Disruption to our supply chain resulting from cyber- attacks on our suppliers’ information technology systems;
- Their inability to supply or support new or changing packaging technologies; and
- Low test yields.

We typically do not have long- term supply contracts with our third- party vendors which obligate the vendor to perform services and supply products to us for a specific period, in specific quantities, and at specific prices. Our third- party foundry, assembly and test subcontractors typically do not guarantee that adequate capacity will be available to us within the time required to meet demand for our products. In the event that these vendors fail to meet our demand for whatever reason, we expect that it would take up to 12 months to transition performance of these services to new providers. Such a transition may also require qualification of the new providers by our customers or their end customers. If our suppliers experience closures or reductions in their capacity utilization levels in the future, we may have difficulty sourcing materials necessary to fulfill production requirements. Public health crises, such as the COVID- 19 pandemic, may affect our suppliers’ production capabilities as a result of quarantines, closures of production facilities, lack of supplies or delays caused by restrictions on travel. Most of the silicon wafers for the products that

we have sold were manufactured either by Taiwan Semiconductor Manufacturing Co. (“TSMC”) or Semiconductor Manufacturing International Corporation (“SMIC”). Our customers typically complete their own qualification process. If we fail to properly balance customer demand across the existing semiconductor fabrication facilities that we utilize or are required by our foundry partners to increase, or otherwise change the number of fab lines that we utilize for our production, we might not be able to fulfill demand for our products and may need to divert our engineering resources away from new product development initiatives to support the fab line transition, which would adversely affect our operating results. In addition, geopolitical changes in China- Taiwan relations could disrupt TSMC’s operations and impact our third- party assembly subcontractors in Asia. Such a disruption could severely impact our ability to manufacture the majority of our products and as a result, could adversely affect our business, revenues and results of operations. **We are subject to the cyclical nature..... power with respect to international suppliers.** Most of our current manufacturers, assemblers, test service providers, distributors and customers are concentrated in the same geographic region, which increases the risk that a natural disaster, epidemic, labor strike, war or political unrest could disrupt our operations or sales. Most of our foundries and several of our assembly and test subcontractors’ sites are located in Taiwan and most of our other foundry, assembly and test subcontractors are located in the Pacific Rim region. In addition, many of our customers are located in the Pacific Rim region. The risk of earthquakes in Taiwan and the Pacific Rim region is significant due to the proximity of major earthquake fault lines in the area. Earthquakes, tsunamis, fire, flooding, lack of water or other natural disasters, an epidemic such as the ~~current~~ COVID- 19 outbreak, political unrest, war, labor strikes or work stoppages in countries where our semiconductor manufacturers, assemblers and test subcontractors are located, likely would result in the disruption of our foundry, assembly or test capacity. There can be no assurance that alternate capacity could be obtained on favorable terms, if at all. A natural disaster, epidemic, labor strike, war or political unrest where our customers’ facilities are located would likely reduce our sales to such customers. In addition, a significant portion of the assembly and testing of our products occurs in South Korea. Any disruption resulting from these events, including the COVID- 19 pandemic **or any other public health crisis**, could also cause significant delays in shipments of our products until we are able to shift our manufacturing, assembling or testing from the affected subcontractor to another third- party vendor. If **such an event** ~~the COVID- 19 pandemic~~ significantly disrupts the manufacture, shipment and sales of our products or the products of our customers, this may materially negatively impact our operating results ~~for subsequent periods~~. For example, if travel restrictions or business shutdowns or slowdowns occur for an extended period of time in Taiwan, South Korea or the other countries in which our current manufacturers, assemblers, test service providers, distributors and customers are located, we may experience delays in product production, a decreased ability to support our customers, reduced design win activity, and overall lack of productivity. Our customers may also experience closures of their manufacturing facilities or inability to obtain other components, either of which could negatively impact demand for our solutions. **We are a global company, which subjects us to additional business risks including logistical and financial complexity, supply disruption, political instability and currency fluctuations** ~~We have established international subsidiaries limited resources compared to some of our current and potential competitors have opened offices in international markets to support our activities in Asia, the Americas and we~~ **Europe. This has included the establishment of a headquarters in Singapore for non- U. S. operations. During fiscal 2023, the percentage of our revenues derived from outside of the United States was 88 % (and the revenue associated with end customers in China was 12 %, and revenue attributed to China based on shipped- to location was 28 %).** ~~We may not be able to maintain or compete effectively and increase global market demand for our products. Our international operations share-- are~~ **Some subject to a number of risks, including:**

- **Complexity and costs of managing international operations and related tax obligations, including our headquarters for non- U. S. operations in Singapore;**
- **Protectionist laws and business practices, including trade restrictions, tariffs, export controls, quotas and other trade barriers, including China- U. S. trade policies;**
- **Trade tensions, geopolitical uncertainty, our- or current governmental actions, including those arising from the trade dispute between the U.S. and China, may lead customers to favor products from non- US companies which could put us at a competitive disadvantage and result in decreased customer demand for our products and our customers’ products;**
- **Rising tensions and deteriorating military, political and economic relations between China and Taiwan could disrupt the operations of our third- party foundry, assembly and test subcontractors, which could severely impact our ability to manufacture the majority of our products and as a result, could adversely affect our business, revenues and results of operations;**
- **Restrictions or tariffs imposed on certain countries and sanctions or export controls imposed on customers or suppliers may affect our ability to sell and source our products;**
- **Difficulties related to the protection of our intellectual property rights in some countries;**
- **Public health crises, such as the COVID- 19 pandemic, may affect our international operations, suppliers and customers and we may experience delays in product development, a decreased ability to support our customers and reduced design win activity if the travel restrictions or business shutdowns or slowdowns continue for an- an potential competitors business shutdowns or slowdowns continue for an** extended period of time in any of the countries in which we, our suppliers and our customers operate and do business;
- **Multiple, conflicting and changing tax and other laws and regulations that may impact both our international and domestic tax and other liabilities and result in increased complexity and costs, including the impact of the Tax Cuts and Jobs Act, which increased our effective tax rate, in part due to the impact of the requirement to capitalize and amortize foreign research and development expenses beginning in 2022;**
- **Longer sales cycles;**
- **Greater difficulty in accounts receivable collection and longer collection periods;**
- **High levels of distributor inventory subject to price protection and rights of return to us;**
- **Political and economic instability;**
- **Risks that demand and the supply chain may be adversely affected by military conflict (including the ongoing conflicts in the Middle East and between Russia and Ukraine), terrorism, sanctions or other geopolitical events globally;**
- **Greater difficulty in hiring and retaining qualified personnel; and**
- **The need to have longer business and operations systems that can meet the needs of our international business and operating histories structure. To date, substantially all significantly greater resources and name recognition and a larger base of our sales to international customers than we and purchases of components from international suppliers**

have been denominated in U. S. dollars. As a result, an increase in these-- the competitors may have greater credibility value of the U. S. dollar relative to foreign currencies could make our products more expensive for our international customers to purchase, thus rendering our products less competitive. Similarly, a decrease in the value of the U. S. dollar could reduce our buying power with respect to our existing and potential customers. They also may be able to adopt more aggressive pricing policies and devote greater resources to the development, promotion and sale of their products than we can to ours. In addition, some of our current and potential competitors have already established supplier suppliers or joint development relationships with the decision..... products we produce or acquire our customers. Our inability to manage growth could materially and adversely affect our business. Our past growth has placed, and any future growth of our operations will continue to place, a significant strain on our management personnel, systems and resources. We anticipate that we will need to implement a variety of new and upgraded sales, operational and financial enterprise- wide systems, information technology infrastructure, procedures and controls, including the improvement of our accounting and other internal management systems to manage this growth and maintain compliance with regulatory guidelines, including Sarbanes- Oxley Act requirements. To the extent our business grows, our internal management systems and processes will need to improve to ensure that we remain in compliance. We also expect that we will need to continue to expand, train, manage and motivate our workforce. All of these endeavors will require substantial management effort, and we anticipate that we will require additional management personnel and internal processes to manage these efforts and to plan for the succession from time to time of certain persons who have been key management and technical personnel. If we are unable to effectively manage our expanding global operations, including our international headquarters in Singapore, our business could be materially and adversely affected. We may be the victim of business..... indication of our future operating performance. Our research and development efforts are focused on a limited number of new technologies and products, and any delay in the development, or abandonment, of these technologies or products by industry participants, or their failure to achieve market acceptance, could compromise our competitive position. Our products serve as components and solutions in electronic devices in various markets. As a result, we have devoted and expect to continue to devote a large amount of resources to develop products based on new and emerging technologies and standards that will be commercially introduced in the future. Research and development expense during fiscal 2022-2023 was \$ 332-337. 3-7 million, or 32-43. 5-2 % of revenues. A number of companies are actively involved in the development of these new technologies and standards. Should any of these companies delay or abandon their efforts to develop commercially available products based on new technologies and standards, our research and development efforts with respect to these technologies and standards likely would have no appreciable value. In addition, if we do not correctly anticipate new technologies and standards, or if the products that we develop based on these new technologies and standards fail to achieve market acceptance, our competitors may be better able to address market demand than we would. Furthermore, if markets for these new technologies and standards develop later than we anticipate, or do not develop at all, demand for our products that are currently in development would suffer, resulting in lower sales of these products than we currently anticipate. We depend on our key personnel to manage our business effectively in a rapidly changing market, and if we are unable to retain our current personnel and hire additional personnel, our ability to develop and successfully market our products could be harmed. We believe our future success will depend in large part upon our ability to attract and retain highly skilled managerial, engineering, sales and marketing personnel. We believe that our future success will be dependent on retaining the services of our key personnel, developing their successors and certain internal processes to reduce our reliance on specific individuals, and on properly managing the transition of key roles when they occur. There is currently a shortage of qualified personnel with significant experience in the design, development, manufacturing, marketing and sales of analog and mixed- signal products. In particular, there is a shortage of engineers who are familiar with the intricacies of the design and manufacturability of analog elements, and competition for such personnel is intense. Our key technical personnel represent a significant asset and serve as the primary source for our technological and product innovations. We may not be successful in attracting and retaining sufficient numbers of technical personnel to support our anticipated growth. The loss of any of our key employees or the inability to attract or retain qualified personnel both in the United States and internationally, including engineers, sales, applications and marketing personnel, could delay the development and introduction of, and negatively impact our ability to sell, our products. If we are unable to develop or acquire new and enhanced products that achieve market acceptance in a timely manner, our operating results and competitive position could be harmed. Our future success will depend on our ability to develop or acquire new products and product enhancements that achieve market acceptance in a timely and cost- effective manner. The development of mixed- signal ICs is highly complex, and we have at times experienced delays in completing the development and introduction of new products and product enhancements. Successful product development and market acceptance of our products depend on a number of factors, including: • Requirements of customers; • Accurate prediction of market and technical requirements; • Timely completion and introduction of new designs; • Timely qualification and certification of our products for use in our customers' products; • Commercial acceptance and volume production of the products into which our ICs will be incorporated; • Availability of foundry, assembly and test capacity; • Achievement of high manufacturing yields; • Quality, price, performance, power use and size of our products; • Availability, quality, price and performance of competing products and technologies; • Our customer service, application support capabilities and responsiveness; • Successful development of our relationships with existing and potential customers; • Technology, industry standards or end- user preferences; and • Cooperation of third- party software providers and our semiconductor vendors to support our chips within a system. We cannot provide any assurance that products which we recently have developed or may develop in the future will achieve market acceptance. We have introduced to market or are in development of many products. If our products fail to achieve market acceptance, or if we fail to develop new products on a timely basis that achieve market acceptance, our growth prospects, operating results and competitive position could be adversely affected. The growth of the IoT market is dependent on the adoption of industry standards to permit devices to connect and communicate with each other. If the industry cannot agree on a common set of standards, then the growth of the

IoT market may be slower than expected. Any acquisitions we make could disrupt our business and harm our financial condition. As part of our growth and product diversification strategy, we continue to evaluate opportunities to acquire other businesses, intellectual property or technologies that would complement our current offerings, expand the breadth of our markets or enhance our technical capabilities. The acquisitions that we have made and may make in the future entail a number of risks that could materially and adversely affect our business and operating results, including:

- Problems integrating the acquired operations, technologies or products with our existing business and products;
- Diversion of management's time and attention from our core business;
- Need for financial resources above our planned investment levels;
- Difficulties in retaining business relationships with suppliers and customers of the acquired company;
- Risks associated with entering markets in which we lack prior experience;
- Risks associated with the transfer of licenses of intellectual property;
- Increased operating costs due to acquired overhead;
- Tax issues associated with acquisitions;
- Acquisition-related disputes, including disputes over earn-outs and escrows;
- Potential loss of key employees of the acquired company; and
- Potential impairment of related goodwill and intangible assets.

In particular, the extent of the impact of the COVID-19 pandemic on our ability to complete and integrate any future acquisition into our business is unpredictable and will depend on future developments, including the duration, severity and spread of the pandemic, related restrictions on travel and transportation, and other actions that may be taken by governmental authorities. Future acquisitions also could cause us to incur debt or contingent liabilities or cause us to issue equity securities that could negatively impact the ownership percentages of existing shareholders. The average selling prices of our products could decrease rapidly which may negatively impact our revenues and gross profit. We may experience substantial period-to-period fluctuations in future operating results due to the erosion of our average selling prices. In the past, we have reduced the average unit price of our products in anticipation of or in response to competitive pricing pressures, new product introductions by us or our competitors and other factors. If we are unable to offset any such reductions in our average selling prices by increasing our sales volumes, increasing our sales content per application or reducing production costs, our gross profit and revenues will suffer. To maintain our gross profit, we will need to develop and introduce new products and product enhancements on a timely basis and continually reduce our costs. Our failure to do so could cause our revenues and gross profit to decline. Failure to manage our distribution channel relationships could impede our future growth. The future growth of our business will depend in large part on our ability to manage our relationships with current and future distributors and sales representatives, develop additional channels for the distribution and sale of our products and manage these relationships. During fiscal 2022-2023, 81-78% of our revenue was derived from distributors (and 49% of our revenue was derived from our two largest distributors). As we execute our indirect sales strategy, we must manage the potential conflicts that may arise with our direct sales efforts. For example, conflicts with a distributor may arise when a customer begins purchasing directly from us rather than through the distributor. The inability to successfully execute or manage a multi-channel sales strategy could impede our future growth. In addition, relationships with our distributors often involve the use of price protection and inventory return rights. This often requires a significant amount of sales management's time and system resources to manage properly. We do not have long-term commitments from our customers. Our customers regularly evaluate alternative sources of supply in order to diversify their supplier base, which increases their negotiating leverage with us and protects their ability to secure these components. We believe that any expansion of our customers' supplier bases could have an adverse effect on the prices we are able to charge and volume of product that we are able to sell to our customers, which would negatively affect our revenues and operating results. Customers may decide not to purchase our products at all, purchase fewer products than they did in the past, or alter their purchasing patterns, particularly because:

- We do not have material long-term purchase contracts with our customers;
- Substantially all of our sales to date have been made on a purchase order basis, which permits our customers to cancel, change or delay product purchase commitments with little or no notice to us and without penalty;
- Some of our customers may have efforts underway to actively diversify their vendor base which could reduce purchases of our products; and
- Some of our customers have developed or acquired products that compete directly with products these customers purchase from us, which could affect our customers' purchasing decisions in the future.

We are subject to increased inventory risks and costs because we build our products based on forecasts provided by customers before receiving purchase orders for the products. In order to ensure availability of our products for some of our largest customers, we start the manufacturing of our products in advance of receiving purchase orders based on forecasts provided by these customers. However, these forecasts do not represent binding purchase commitments and we do not recognize sales for these products until they are shipped to the customer. As a result, we incur inventory and manufacturing costs in advance of anticipated sales. Because demand for our products may not materialize, manufacturing based on forecasts subjects us to increased risks of high inventory carrying costs, increased obsolescence and increased operating costs. These inventory risks are exacerbated when our customers purchase indirectly through contract manufacturers or hold component inventory levels greater than their consumption rate because this causes us to have less visibility regarding the accumulated levels of inventory for such customers. A resulting write-off of unusable or excess inventories would adversely affect our operating results. The COVID-19 pandemic **or other public health crises** could adversely affect our business, results of operations, and financial condition. The COVID-19 pandemic ~~has~~ **has** negatively impacted the global economy, disrupted **our operations**, global supply chains and ~~created significant volatility and disruption of financial markets~~. ~~The extent of the impact of the COVID-19 pandemic on our operational~~ **operations** and financial performance will depend on future developments, including the duration, severity and spread of the pandemic, related restrictions on travel and transportation and other actions that may be taken by governmental authorities, ~~the impact to the business of our suppliers or our customers and other items identified in our risk factors, all of which are uncertain and cannot be predicted~~. The impacts of ~~the COVID-19 pandemic, or a similar~~ **public health crisis** ~~crises~~, on our business, customers, suppliers, employees, markets and financial results and condition are uncertain, ~~evolving~~ and dependent on numerous unpredictable factors outside of our control, including:

- The duration and impact of a global economic recession or depression that could reduce demand and / or pricing for our products;
- Disruptions to our business and supply chain (and the business and supply chains of our customers)

in connection with the sourcing of materials, equipment and engineering support, and services from geographic areas impacted by the public health crisis, including disruptions caused by illnesses, quarantines and restrictions on people's ability to work, office and factory closures, disruptions to ports and other shipping infrastructure, border closures, and other travel or health-related restrictions; • Delays or limitations on the ability of our customers to make timely payments; • Governmental actions to limit exposure to and spreading of such infectious diseases, such as travel restrictions, quarantines and business shutdowns or slowdowns, facility closures or other restrictions; • Deterioration of worldwide credit and financial markets that could limit our ability to obtain external financing to fund our operations and capital expenditures or to refinance our existing indebtedness; • Potential asset impairments, including goodwill, intangible assets, investments and other assets; • **Complexities related to our employees temporarily working from home as well as increased Increased** cyber-related risks due to **hybrid** our employees working **from home models and increased remote working**; • Challenges with **reopening our offices, including** implementing **and managing** a hybrid model of working from home or the office, establishing appropriate office safety protocols, maintaining our corporate culture, and continuing to attract, retain and motivate our employees; • Potential failure of our computer systems or communication systems; and • Investment-related risks, including difficulties in liquidating investments due to current market conditions and adverse investment performance. There can be no assurance that any decrease in sales resulting **any from the COVID-19 pandemic or a similar** public health crisis will be offset by increased sales in subsequent periods. Even after **any the COVID-19 pandemic or a similar** public health crisis has subsided, we may continue to experience materially adverse impacts to our business as a result of its global economic impact, including any recession, economic downturn or increased unemployment that has occurred or may occur in the future. An extended period of global supply chain and economic disruption could materially affect our business, results of operations, access to sources of liquidity and financial condition. Our products are complex and may contain errors which could lead to liability, an increase in our costs and / or a reduction in our revenues. Our products are complex and may contain errors, particularly when first introduced and / or when new versions are released. Our products are increasingly designed in more complex processes, including higher levels of software and hardware integration in modules and system-level solutions and / or include elements provided by third parties which further increase the risk of errors. We rely primarily on our in-house testing personnel to design test operations and procedures to detect any errors or vulnerabilities prior to delivery of our products to our customers. Should problems occur in the operation or performance of our products, we may experience delays in meeting key introduction dates or scheduled delivery dates to our customers. These errors could also cause significant re-engineering costs, the diversion of our engineering personnel's attention from our product development efforts and cause significant customer relations and business reputation problems. Any defects could result in refunds, product replacement, product recall or other liability. Any of the foregoing could impose substantial costs and harm our business. Product liability, data breach or cyber liability claims may be asserted with respect to our products. Many of our products focus on wireless connectivity and the IoT market and such connectivity may make these products particularly susceptible to cyber-attacks. Our products are typically sold at prices that are significantly lower than the cost of the end-products into which they are incorporated. A defect, failure or vulnerability in our product could cause failure in our customer's end-product, so we could face claims for damages that are disproportionately higher than the revenues and profits we receive from the products involved. Furthermore, product liability risks are particularly significant with respect to medical and automotive applications because of the risk of serious harm to users of these end-products. There can be no assurance that any insurance we maintain will sufficiently protect us from such claims. Our customers require our products to undergo a lengthy and expensive qualification process without any assurance of product sales. Prior to purchasing our products, our customers require that our products undergo an extensive qualification process, which involves testing of the products in the customer's system as well as rigorous reliability testing. This qualification process may continue for six months or longer. However, qualification of a product by a customer does not ensure any sales of the product to that customer. Even after successful qualification and sales of a product to a customer, a subsequent revision to the product or software, changes in the IC's manufacturing process or the selection of a new supplier by us may require a new qualification process, which may result in delays and in us holding excess or obsolete inventory. After our products are qualified, it can take an additional six months or more before the customer commences volume production of components or devices that incorporate our products. Despite these uncertainties, we devote substantial resources, including design, engineering, sales, marketing and management efforts, toward qualifying our products with customers in anticipation of sales. If we are unsuccessful or delayed in qualifying any of our products with a customer, such failure or delay would preclude or delay sales of such product to the customer, which may impede our growth and cause our business to suffer. We are subject to risks relating to product concentration. We derive a substantial portion of our revenues from a limited number of products, and we expect these products to continue to account for a large percentage of our revenues in the near term. Continued market acceptance of these products, is therefore, critical to our future success. In addition, substantially all of our products that we have sold include technology related to one or more of our issued U. S. patents. If these patents are found to be invalid or unenforceable, our competitors could introduce competitive products that could reduce both the volume and price per unit of our products. Our business, operating results, financial condition and cash flows could therefore be adversely affected by: • A decline in demand for any of our more significant products; • Failure of our products to achieve continued market acceptance; • Competitive products; • New technological standards or changes to existing standards that we are unable to address with our products; • A failure to release new products or enhanced versions of our existing products on a timely basis; and • The failure of our new products to achieve market acceptance. Any dispositions could harm our financial condition. Any disposition of a business or product line would entail a number of risks that could materially and adversely affect our business and operating results, including: • Difficulties separating the divested business; • Risks to relations with customers who previously purchased products from our disposed product line; • Reduced leverage with suppliers due to reduced aggregate volume; • Risks related to employee relations; • Risks that the disposition is not completed on the expected timeline, or at all; • Risks associated with the transfer and licensing of intellectual

property; ● Risks that we do not realize the anticipated benefits from the disposition; ● Risks from third- party claims arising out of the disposition; ● Security risks and other liabilities related to the transition services provided in connection with the disposition; ● Tax issues associated with dispositions; and ● Disposition- related disputes, including disputes over earn- outs and escrows. The semiconductor manufacturing process is highly complex and, from time to time, manufacturing yields may fall below our expectations, which could result in our inability to satisfy demand for our products in a timely manner and may decrease our gross profit due to higher unit costs. The manufacturing of our products is a highly complex and technologically demanding process. Although we work closely with our foundries and assemblers to minimize the likelihood of reduced manufacturing yields, we have from time to time experienced lower than anticipated manufacturing yields. Changes in manufacturing processes or the inadvertent use of defective or contaminated materials could result in lower than anticipated manufacturing yields or unacceptable performance deficiencies, which could lower our gross profit. If our foundries fail to deliver fabricated silicon wafers of satisfactory quality in a timely manner, we will be unable to meet our customers' demand for our products in a timely manner, which would adversely affect our operating results and damage our customer relationships. We depend on our customers to support our products, and some of our customers offer competing products. We rely on our customers to provide hardware, software, intellectual property indemnification and other technical support for the products supplied by our customers. If our customers do not provide the required functionality or if our customers do not provide satisfactory support for their products, the demand for these devices that incorporate our products may diminish or we may otherwise be materially adversely affected. Any reduction in the demand for these devices would significantly reduce our revenues. In certain products, some of our customers offer their own competitive products. These customers may find it advantageous to support their own offerings in the marketplace in lieu of promoting our products. Changes in the privacy and data security / protection laws could have an adverse effect on our operations. Federal, state and international privacy- related or data protection laws and regulations could have an adverse effect on our operations. Complying with these laws and the possibility of proceedings against us by governmental entities or others in relation to these laws could increase operational costs. In May 2018, the European Union' s General Data Protection Regulation (" GDPR ") went into effect, replacing the EU' s 1995 Data Protection Directive. The costs of compliance with the GDPR and the potential for fines and penalties in the event of a breach of the GDPR may have an adverse effect on our operations. Our products must conform to industry standards and technology in order to be accepted by end users in our markets. Generally, our products comprise only a part of a device. All components of such devices must uniformly comply with industry standards in order to operate efficiently together. We depend on companies that provide other components of the devices to support prevailing industry standards. Many of these companies are significantly larger and more influential in affecting industry standards than we are. Some industry standards may not be widely adopted or implemented uniformly, and competing standards may emerge that may be preferred by our customers or end users. If larger companies do not support the same industry standards that we do, or if competing standards emerge, market acceptance of our products could be adversely affected which would harm our business. Products for certain applications are based on industry standards that are continually evolving. Our ability to compete in the future will depend on our ability to identify and ensure compliance with these evolving industry standards. The emergence of new industry standards could render our products incompatible with products developed by other suppliers. As a result, we could be required to invest significant time and effort and to incur significant expense to redesign our products to ensure compliance with relevant standards. If our products are not in compliance with prevailing industry standards for a significant period of time, we could miss opportunities to achieve crucial design wins. For example, the IoT market is relatively new and is continuously evolving. Furthermore, products in the IoT market frequently require interoperability across multiple standards. We may need to adjust our portfolio to meet the needs of this evolving market through acquisitions or significant new investments in research and development. Our pursuit of necessary technological advances may require substantial time and expense. We may not be successful in developing or using new technologies or in developing new products or product enhancements that achieve market acceptance. If our products fail to achieve market acceptance, our growth prospects, operating results and competitive position could be adversely affected. **We have identified a material weakness in our internal control over financial reporting and if we are unable to implement and maintain effective internal control over financial reporting, or our independent registered public accounting firm is unable to provide an unqualified report thereon, we could be materially adversely affected. As more fully disclosed in Item 9A. Controls and Procedures of this Annual Report, we have identified a material weakness that existed as of the end of our fiscal 2023 regarding our internal controls over inventory valuation, primarily the undue reliance on forecasted inventory demand which was not subjected to a sufficient level of management review. As a result of this material weakness, management concluded that our disclosure controls and procedures and internal control over financial reporting were not effective as of December 30, 2023. Unless and until this material weakness has been remediated, or should new material weaknesses arise or be discovered in the future, material misstatements could occur and go undetected in our interim or annual consolidated financial statements and we may be required to restate our financial statements. In addition, we may experience delays in satisfying our reporting obligations or to comply with Securities and Exchange Commission rules and regulations, which could result in investigations and sanctions by regulatory authorities. Any of these results could adversely affect our business and the value of our common stock.**

Intellectual Property Risks Significant litigation over intellectual property in our industry may cause us to become involved in costly and lengthy litigation which could adversely affect our business. The semiconductor and software industries have experienced significant litigation involving patents and other intellectual property rights. From time to time, third parties, including non- practicing entities, allege intellectual property infringement by our products, our customers' products, or products using technologies or communications standards used in our industry. We also receive communications from customers or suppliers requesting indemnification for allegations brought against them by third parties. Some of these allegations have resulted, and may result in the future, in our involvement in litigation. We have certain contractual obligations to defend and

indemnify our customers from certain infringement claims. We also have been involved in litigation to protect our intellectual property rights in the past and may become involved in such litigation again in the future. Given the unpredictable nature of litigation and the complexity of the technology, we may not prevail in any such litigation. Legal proceedings could subject us to significant liability, invalidate our proprietary rights, or harm our businesses and our ability to compete. Legal proceedings initiated by us to protect our intellectual property rights could also result in counterclaims or countersuits against us. Any litigation, regardless of its outcome or merit, could be time-consuming and expensive to resolve and could divert our management's time and attention. Intellectual property litigation also could force us to take specific actions, including: • Cease using, selling or manufacturing certain products, services or processes; • Attempt to obtain a license, which license may require the payment of substantial royalties or may not be available on reasonable terms or at all; • Incur significant costs, time delays and lost business opportunities to develop alternative technologies or redesign products; or • Pursue legal remedies with third parties to enforce our indemnification rights, which may not adequately protect our interests. We may be unable to protect our intellectual property, which would negatively affect our ability to compete. Our products rely on our proprietary technology, and we expect that future technological advances made by us will be critical to sustain market acceptance of our products. Therefore, we believe that the protection of our intellectual property rights is and will continue to be important to the success of our business. We rely on a combination of patent, copyright, trademark and trade secret laws and restrictions on disclosure to protect our intellectual property rights. We also enter into confidentiality or license agreements with our employees, consultants, intellectual property providers and business partners, and control access to and distribution of our documentation and other proprietary information. Despite these efforts, unauthorized parties may attempt to copy or otherwise obtain and use our proprietary technology. Monitoring unauthorized use of our technology is difficult, and we cannot be certain that the steps we have taken will prevent unauthorized use of our technology, particularly in foreign countries where the laws may not protect our proprietary rights as fully as in the United States. We cannot be certain that patents will be issued as a result of our pending applications nor can we be certain that any issued patents would protect or benefit us or give us adequate protection from competing products. For example, issued patents may be circumvented or challenged and declared invalid or unenforceable. We also cannot be certain that others will not develop effective competing technologies on their own. Our products incorporate technology licensed from third parties. We incorporate technology (including software) licensed from third parties in our products. We could be subjected to claims of infringement regardless of our lack of involvement in the development of the licensed technology. Although a third-party licensor is typically obligated to indemnify us if the licensed technology infringes on another party's intellectual property rights, such indemnification is typically limited in amount and may be worthless if the licensor becomes insolvent. See Significant litigation over intellectual property in our industry may cause us to become involved in costly and lengthy litigation which could seriously harm our business. Furthermore, any failure of third-party technology to perform properly would adversely affect sales of our products incorporating such technology. Liquidity and Credit Risks

Disruptions in the financial services industry could adversely affect our operations and financial condition. In the first half of 2023, banking regulators closed three U. S. banks and appointed the Federal Deposit Insurance Corporation ("FDIC") to act as receiver. Although we have no direct exposure to the closed banks, uncertainty remains over the broader financial services industry. If other financial institutions enter receivership or become insolvent in the future, our ability to access our cash and investments or to draw on our existing lines of credit could be impacted. Concerns regarding the financial services industry may result in less favorable financing terms, including higher interest rates, tighter financial covenants or systemic limitations on access to credit sources, thereby making it more difficult for us to acquire financing on acceptable terms or at all. In addition, inflation and rapid increases in interest rates have led to a decline in the market value of debt securities issued with interest rates below current market interest rates. Sales of such securities prior to their maturity would result in the recognition of losses previously unrealized. We are subject to credit risks related to our accounts receivable. We do not generally obtain letters of credit or other security for payment from customers, distributors or contract manufacturers. Accordingly, we are not protected against accounts receivable default or bankruptcy by these entities. Our ten largest customers or distributors represent a substantial majority of our accounts receivable. If any such customer or distributor, or a material portion of our smaller customers or distributors, were to become insolvent or otherwise not satisfy their obligations to us, we could be materially harmed. ~~Our convertible senior notes could adversely affect our operating results and financial condition. On January 2, 2022, we irrevocably elected cash settlement for the principal amount of the 2025 Notes. If we do not have adequate cash available to settle the principal amount of the 2025 Notes, we could seek to raise additional funds through debt or equity capital. However, additional funds may not be available on terms acceptable to us, or at all. We intend to settle any excess value in shares in the event of a conversion. Shares issued to settle any excess value may result in immediate, and potentially material, dilution to the ownership interests of our existing stockholders. Any sales in the public market of our common stock issuable upon such conversion could adversely affect prevailing market prices of our common stock. The principal balance of the convertible senior notes was separated into liability and equity components, which were recorded initially at fair value. The excess of the principal amount of the liability component over its carrying amount represents the debt discount, which was accreted to interest expense over the term of the notes using the effective interest method. Accordingly, we have reported higher interest expense because of the recognition of both the debt discount amortization and the notes' coupon interest. With our adoption of Financial Accounting Standards Board (FASB) Accounting Standards Update (ASU) No. 2020-06, Debt—Debt with Conversion and Other Options (Subtopic 470-20) and Derivatives and Hedging—Contracts in Entity's Own Equity (Subtopic 815-40), in fiscal 2022, the principal balance of the 2025 Notes is no longer separated between liability and equity components. This resulted in an increase to the carrying value of our convertible debt, representing the unamortized debt discount, with an offsetting reduction in stockholders' equity. Our debt could adversely affect our operations and financial condition. We believe we have the ability to service our debt, but our ability to make the required payments thereunder when due depends upon our future performance, which will be subject to general economic~~

conditions, industry cycles and other factors affecting our operations, including risk factors described herein, such as the potential implications of the COVID- 19 pandemic, many of which are beyond our control. Our credit facility also contains covenants, including financial covenants. If we breach any of the covenants under our credit facility and do not obtain appropriate waivers, then, subject to any applicable cure periods, our outstanding indebtedness thereunder could be declared immediately due and payable. We could seek to raise additional debt or equity capital in the future, but additional capital may not be available on terms acceptable to us, or at all. We believe that our existing cash, cash equivalents, investments and credit under our credit facility will be sufficient to meet our working capital needs, capital expenditures, investment requirements and commitments for at least the next 12 months. However, our ability to borrow further under the credit facility is dependent upon our ability to satisfy various conditions, covenants and representations. It is possible that we may need to raise additional funds to finance our activities or to facilitate acquisitions of other businesses, products, intellectual property or technologies. We believe we could raise these funds, if needed, by selling equity or debt securities to the public or to selected investors. In addition, even though we may not need additional funds, we may still elect to sell additional equity or debt securities or obtain credit facilities for other reasons. However, we may not be able to obtain additional funds on favorable terms, or at all, particularly during financial market instability related to the COVID- 19 pandemic. If we decide to raise additional funds by issuing equity or convertible debt securities, the ownership percentages of existing shareholders would be reduced.

Stock and Governance Risks Our stock price may be volatile. The market price of our common stock has been volatile in the past and may be volatile in the future. The market price of our common stock may be significantly affected by the following factors:

- Actual or anticipated fluctuations in our operating results;
- Changes in financial estimates by securities analysts or our failure to perform in line with such estimates;
- Changes in market valuations of other technology companies, particularly semiconductor companies;
- Announcements by us or our competitors of significant technical innovations, acquisitions, strategic partnerships, joint ventures or capital commitments;
- Introduction of technologies or product enhancements that reduce the need for our products;
- The loss of, or decrease in sales to, one or more key customers;
- A large sale of stock by a significant shareholder;
- Dilution from the issuance of our stock in connection with acquisitions;
- The addition or removal of our stock to or from a stock index fund;
- Departures of key personnel;
- The required expensing of stock awards; and
- Reporting revenue under ASC Topic 606, Revenue from Contracts with Customers.

The stock market has experienced extreme volatility that often has been unrelated to the performance of particular companies. These market fluctuations may cause our stock price to fall regardless of our performance. Provisions in our charter documents and Delaware law could prevent, delay or impede a change in control of us and may reduce the market price of our common stock. Provisions of our certificate of incorporation and bylaws could have the effect of discouraging, delaying or preventing a merger or acquisition that a stockholder may consider favorable. For example, our certificate of incorporation and bylaws provide for:

- The division of our Board of Directors into three classes to be elected on a staggered basis, one class each year;
- The ability of our Board of Directors to issue shares of our preferred stock in one or more series without further authorization of our stockholders;
- A prohibition on stockholder action by written consent;
- Elimination of the right of stockholders to call a special meeting of stockholders;
- A requirement that stockholders provide advance notice of any stockholder nominations of directors or any proposal of new business to be considered at any meeting of stockholders; and
- A requirement that a supermajority vote be obtained to amend or repeal certain provisions of our certificate of incorporation.

We also are subject to the anti- takeover laws of Delaware which may discourage, delay or prevent someone from acquiring or merging with us, which may adversely affect the market price of our common stock. 26