Ultra Clean Holdings, Inc. Form 424B5
January 29, 2018
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The information in this preliminary prospectus supplement is not complete and may be changed. This preliminary prospectus supplement and the accompanying prospectus are not an offer to sell nor are we seeking an offer to buy these securities in any jurisdiction where the offer or sale is not permitted.

# **SUBJECT TO COMPLETION, DATED JANUARY 29, 2018**

# PRELIMINARY PROSPECTUS SUPPLEMENT

(to Prospectus dated January 5, 2018)

\$100,000,000

Ultra Clean Holdings, Inc.

Common Stock

We are offering \$100,000,000 of our common stock. Our common stock is listed on the Nasdaq Global Select Market under the symbol UCTT. On January 26, 2018, the last reported sale price for our common stock on the Nasdaq Global Select Market was \$24.27 per share.

Investing in our common stock involves risks. See <u>Risk Factors</u> beginning on page S-4 of this prospectus supplement.

	Per Share			Total
Public Offering Price		\$	\$	
Underwriting Discount(1) Proceeds, Before Expenses, to us	\$	\$	\$ \$	

(1) See Underwriting for additional information regarding underwriting compensation.

We intend to grant the underwriters the right to purchase up to an additional 15% of the shares of our common stock initially sold at the public offering price, less the underwriting discount, for 30 days after the date of this prospectus supplement.

The Securities and Exchange Commission and state securities regulators have not approved or disapproved of these securities or determined if this prospectus supplement or the accompanying prospectus is truthful or complete. It is illegal for any person to tell you otherwise.

We anticipate that delivery of the shares of common stock will be made on or about , 2018.

Joint Book-Running Managers

Needham & Company

The date of this prospectus supplement is , 2018.

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# ABOUT THIS PROSPECTUS SUPPLEMENT

This document consists of two parts. The first part is this prospectus supplement, which describes the specific terms of this offering and also adds information to, and updates information contained in, the accompanying prospectus. The second part is the accompanying prospectus, which describes more general information, some of which may not apply to this offering. You should read both this prospectus supplement and the accompanying prospectus, together with additional information described under the heading. Where You Can Find More Information. You should rely only on the information contained, or incorporated by reference, in this prospectus supplement and the accompanying prospectus. We have not authorized anyone to provide any information other than that contained or incorporated by reference in this prospectus supplement, the accompanying prospectus or in any free writing prospectus prepared by or on behalf of us or to which we have referred you. We take no responsibility for, and can provide no assurance as to the reliability of, any other information that others may give you.

In this prospectus supplement, as permitted by law, we incorporate by reference information from other documents that we file with the Securities and Exchange Commission, or the SEC. This means that we can disclose important information to you by referring you to those documents. The information incorporated by reference is considered to be a part of this prospectus supplement and should be read with the same care. When we update the information contained in documents that have been incorporated by reference by making future filings with the SEC, the information incorporated by reference in this prospectus supplement is considered to be automatically updated and superseded. In other words, in case of a conflict or inconsistency between information contained in this prospectus supplement, you should rely on the information contained in the document that was filed with the SEC later.

We are not, and the underwriters are not, making an offer to sell these securities in any jurisdiction where the offer or sale is not permitted. You should assume that the information appearing in this prospectus supplement, the accompanying prospectus, any issuer free writing prospectus and the documents incorporated by reference is accurate only as of their respective dates. Our business, financial condition, results of operations and prospects may have changed since such dates. Neither this prospectus supplement nor the accompanying prospectus constitute, and may not be used in connection with, an offer to sell, or a solicitation of an offer to buy, any securities offered by this prospectus supplement by any person in any jurisdiction in which it is unlawful for such person to make such an offer or solicitation.

Unless otherwise indicated or unless the context otherwise requires, references in this prospectus supplement and the accompanying prospectus to Ultra Clean, the Company, we, us, our and similar terms refer to Ultra Clean Holdi Inc. and its subsidiaries.

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#### **SUMMARY**

This summary highlights selected information contained elsewhere or incorporated by reference in this prospectus supplement and does not contain all the information that you need to consider in making your investment decision. This summary sets forth the material terms of this offering, but does not contain all of the information you should consider before investing in our common stock. You should carefully read this entire prospectus supplement, the accompanying prospectus and any free writing prospectus, as well as the information to which we refer you and the information incorporated by reference herein, before deciding whether to invest in shares of our common stock. You should pay special attention to the Risk Factors section of this prospectus supplement to determine whether an investment in the shares of our common stock is appropriate for you.

## **Our Company**

We are a global leader in the design, engineering, and manufacture of production tools, modules and subsystems for the semiconductor capital equipment industry and industry segments with similar requirements including flat panel display, consumer and medical. We focus on providing specialized engineering and manufacturing solutions for these applications. We enable our customers to realize lower manufacturing costs and reduced design-to-delivery cycle times while maintaining high quality standards.

# **Corporate Information**

Our principal executive offices are located at 26462 Corporate Avenue, Hayward, California 94545 and our telephone number is (510) 576-4600. We maintain a web site at www.uct.com. The information on, or accessible through, our web site is not part of this prospectus supplement.

The Ultra Clean design logo and other trademarks or service marks of Ultra Clean appearing in this prospectus supplement and the accompanying prospectus are the property of Ultra Clean.

#### **Recent Developments**

Update to Fourth Quarter 2017 Guidance; View for First Quarter

On January 16, 2018, we issued a press release that reaffirmed our previously announced fourth quarter 2017 revenue guidance. The press release indicated that we expect revenue to be at the high end of our guided range of \$240.0 million to \$250.0 million, with operating margins within the target range of 8% to 10%.

In addition, the press release indicated that in the first quarter of fiscal 2018, we expect revenue to increase as compared to the fourth quarter of fiscal 2017 and operating margins to remain generally consistent with the fourth quarter of fiscal 2017 and within the target range of 8% to 10%.

In connection with the offering of our common stock, we are disclosing that the former shareholders of MICONEX s.r.o. (Miconex), which was acquired by the Company in July 2015, are disputing the Company's determination that Miconex failed to achieve the specified performance target applicable to the potential cash earn-out payments under the acquisition agreement for the second annual performance period ended July 2017 (the Performance Target). The Company expects the dispute to be resolved pursuant to the dispute resolution provisions of the acquisition agreement. The Company believes that Miconex did not achieve the Performance Target, and therefore no earn-out payment is owed by the Company. The Company intends to vigorously defend its position. However, there can be no assurance that the dispute will be resolved in the Company's favor. If the dispute is resolved adversely to the Company, the

Company would expect to record a charge to Interest and Other Income (Expense), net for the fourth quarter of fiscal 2017 of not more than \$1.0 million.

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# THE OFFERING

Issuer Ultra Clean Holdings, Inc.

Common stock offered \$100,000,000

Option to purchase additional shares shares

Common stock to be outstanding immediately after this offering

shares

Use of proceeds

We estimate that the net proceeds to us from this offering will be approximately \$94.5 million, or approximately \$108.8 million if the underwriters exercise their option to purchase additional shares of common stock from us in full, after deducting the underwriting discount and estimated offering expenses payable by us.

We currently intend to use the net proceeds from this offering for general corporate purposes. See Use of Proceeds.

Nasdaq Global Select Market symbol

**UCTT** 

Risk factors

Before deciding to invest in shares of our common stock, you should read carefully the risks set forth under the caption Risk Factors beginning on page S-4 of this prospectus supplement and the risks described in our annual and periodic reports incorporated by reference into this prospectus supplement and the accompanying prospectus under the heading Risk Factors .

The number of shares of our common stock to be outstanding immediately after this offering is based upon 33,672,440 shares outstanding as of December 29, 2017. The number of shares does not include the shares subject to the underwriters—option to purchase additional shares and also excludes the following:

9,272 shares of our common stock issuable upon the exercise of stock options outstanding as of December 29, 2017, with a weighted average exercise price of \$1.17 per share;

1,631,312 shares of our common stock issuable upon the release of restricted stock units outstanding as of December 29, 2017, with a weighted average grant date fair value of \$12.75 per share; and

2,199,977 shares of our common stock available for issuance or future grant pursuant to our stock plans as of December 29, 2017.

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# **RISK FACTORS**

An investment in the shares of our common stock involves a high degree of risk. In addition to the other information contained in this prospectus supplement, the accompanying prospectus and the documents that we incorporate by reference, you should carefully consider the risks discussed below and in Part I, Item 1A, Risk Factors, in our Annual Report on Form 10-K for the fiscal year ended December 30, 2016, as updated by our subsequently filed Quarterly Reports on Form 10-Q for the fiscal quarters ended March 31, 2017, June 30, 2017 and September 29, 2017, before making a decision about investing in our securities. The risks and uncertainties discussed below and incorporated by reference herein are not the only ones facing us. Additional risks and uncertainties not presently known to us, or that we currently see as immaterial, may also harm our business. If any of these risks occur, our business, financial condition and operating results could be harmed, the trading price of our common stock could decline and you could lose part or all of your investment. This prospectus supplement, the accompanying prospectus and the documents incorporated by reference herein and therein also contain forward-looking statements that involve risks and uncertainties. Our actual results could differ materially from those anticipated in these forward-looking statements as a result of certain factors, including the risks faced by us described below and elsewhere in this prospectus supplement and the accompanying prospectus.

# Additional Risks Related to this Offering

The market value of our common stock may fluctuate and could be substantially affected by various factors.

The size of our public market capitalization is relatively small, and the average volume of our shares that are traded is relatively low. In addition, the stock price of our common stock and of equity securities of technology companies has historically experienced high levels of volatility. We expect that the trading price of our common stock will continue to fluctuate. If the trading price of our common stock declines, the per share value of the common stock you purchase will decline. Our stock price may fluctuate as a result of a variety of factors, many of which are beyond our control. These factors include, among others:

actual or anticipated variations in revenue, earnings, financial or operating performance or liquidity;
disruptions in our business;
our ability to successfully introduce new products and manage new product transitions;
changes in analysts recommendations or projections;
failure to meet analysts projections;
speculation in the press or investment community;

strategic actions by us, our customers or our competitors, such as acquisitions or restructurings;

announcements relating to any of our key customers, significant suppliers or the semiconductor manufacturing and capital equipment industry generally;

operating and stock performance of other companies deemed to be our peers;

general economic and capital market conditions;

the effects of war and terrorist attacks;

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actions by government regulators; and

domestic and international economic or political factors unrelated to our performance. In addition, if the trading market for technology companies, or the stock market generally, experiences a loss of investor confidence, the trading price of our common stock could decline for reasons unrelated to our business, operating results or financial condition. Stock prices of many technology companies have fluctuated in a manner unrelated or disproportionate to the operating performance of those companies. The trading price of our common stock might also decline in reaction to events that affect other companies in our industry even if these events do not directly affect us. In the past, stockholders have filed securities class action litigation following periods of market volatility. If we were to become involved in securities litigation, it could subject us to substantial costs, divert resources and the attention of management from our business, and adversely affect our business.

If our operating results and financial performance do not meet the guidance that we have provided to the public, our stock price may decline.

We provide public guidance on our expected operating and financial results. Although we believe that this guidance provides our stockholders, investors and analysts with a better understanding of our expectations for the future, such guidance is comprised of forward-looking statements which are subject to the risks and uncertainties described in this prospectus supplement, the accompanying prospectus and the documents incorporated by reference herein and therein, including our other public filings, and our public statements. Our actual results may not meet the guidance we have provided. If our operating or financial results do not meet our guidance or the expectations of investment analysts or investors, our stock price may decline.

There may be future sales or other dilution of our equity, which may adversely affect the trading price of our common stock.

Except as described under Underwriting, in connection with this offering of common stock, we are not restricted from issuing additional shares of common stock, including any securities that are convertible into or exchangeable for, or that represent the right to receive, common stock. The issuance of any additional shares of common stock or convertible or exchangeable securities or rights could be substantially dilutive to holders of our common stock. The trading price of our common stock could decline as a result of sales of shares of our common stock made after this offering or the perception that such sales could occur.

Our management will have broad discretion over the use of the net proceeds from this offering, you may not agree with how we use the proceeds and the proceeds may not be invested successfully.

We have not designated any portion of the net proceeds from this offering to be used for any particular purpose. Our management will have broad discretion as to the use of any net proceeds. Accordingly, you will be relying on the judgment of our management with regard to the use of these net proceeds, and you will not have the opportunity, as part of your investment decision, to assess whether the proceeds are being used appropriately. It is possible that the proceeds will be invested in a way that does not yield a favorable, or any, return for us. Moreover, our management may use the proceeds for corporate purposes that may not increase our market value or make us more profitable.

If securities or industry analysts do not publish research or reports about our business, or if they issue an adverse opinion regarding our stock, our stock price and trading volume could decline.

The trading market for our common stock is influenced by the research and reports that industry or securities analysts publish about us or our business. If any of the analysts who cover us issue an adverse opinion regarding our stock price or our company, our stock price would likely decline. If one or more of these analysts ceases coverage of our company or fails to publish reports on us regularly, we could lose visibility in the financial markets, which in turn could cause our stock price or trading volume to decline.

We do not currently intend to pay dividends on our common stock and, consequently, your ability to achieve a return on your investment will depend on appreciation in the price of our common stock.

We do not intend to declare and pay dividends on our capital stock for the foreseeable future. We currently intend to invest our future earnings, if any, to fund our growth. Additionally, the terms of our credit agreement restrict our ability to pay dividends. Therefore, you are not likely to receive any dividends on your common stock for the foreseeable future and your ability to achieve a return on your investment will depend on appreciation in the price of our common stock.

The recently enacted tax reform bill could adversely affect our business and financial condition.

On December 22, 2017, President Trump signed into law the Tax Cuts and Jobs Act, or the TCJA, which significantly amends the Internal Revenue Code of 1986. The TCJA, among other things, reduces the corporate tax rate from a top marginal rate of 35% to a flat rate of 21%, limits the tax deduction for interest expense to 30% of adjusted earnings, eliminates net operating loss carrybacks, imposes a one-time tax on offshore earnings at reduced rates regardless of whether they are repatriated, allows immediate deductions for certain new investments instead of deductions for depreciation expense over time, and modifies or repeals many business deductions and credits. We continue to examine the impact these changes may have on our business. Notwithstanding the reduction in the corporate income tax rate, the overall impact of the TCJA is uncertain and our business and financial condition could be adversely affected. The impact of the TCJA on holders of our common stock is also uncertain and could be adverse. This prospectus supplement and the accompanying prospectus do not discuss the TCJA or the manner in which it might affect us or purchasers of our common stock. We urge our stockholders, including purchasers of common stock in this offering, to consult with their legal and tax advisers with respect to the TCJA and the potential tax consequences of investing in our common stock.

#### FORWARD-LOOKING STATEMENTS

This prospectus supplement, the accompanying prospectus and the documents incorporated herein by reference contain forward-looking statements within the meaning of Section 27A of the Securities Act of 1933, as amended (the Securities Act ), and Section 21E of the Securities Exchange Act of 1934, as amended (the Exchange Act ) (including the update to guidance for the fourth quarter of fiscal year 2017, as described under the heading Recent Developments ). Such statements contained in this prospectus supplement, the accompanying prospectus or the documents incorporated by reference herein or therein are based upon current expectations that involve risks and uncertainties. Any statements contained in this prospectus supplement, the accompanying prospectus or the documents incorporated by reference herein or therein that are not statements of historical fact may be deemed to be forward-looking statements. For example, the words believes, anticipates, plans, expects, intends and similar expressions are intended to identify forward-looking statements. Our actual results and the timing of certain events may differ significantly from the results discussed in the forward-looking

statements. Factors that might cause such a discrepancy include, but are not limited to, those discussed in the Risk Factors section, in addition to the other information set forth in this prospectus supplement, the accompanying prospectus or the documents incorporated by reference herein or therein. We claim the protection of the safe harbor for forward-looking statements contained in the Private Securities Litigation Reform Act of 1995 for all forward-looking statements. All forward-looking statements contained in this prospectus supplement, the accompanying prospectus or the documents incorporated by reference herein or therein are based on information available to us as of their respective dates and we assume no obligation to update any such forward-looking statements. Our actual results could differ materially from those anticipated in these forward-looking statements as a result of certain factors, including, but not limited to, those set forth under Risk Factors in this prospectus supplement, the accompanying prospectus, our Annual Report on Form 10-K for the fiscal year ended December 30, 2016 and our Quarterly Reports on Form 10-Q for the fiscal quarters ended March 31, 2017, June 30, 2017 and September 29, 2017. You should carefully consider the risks described in the Risk Factors section, in addition to the other information set forth in this prospectus supplement, the accompanying prospectus or the documents incorporated by reference herein or therein, before making an investment decision.

# **USE OF PROCEEDS**

We estimate the net proceeds from the sale of common stock by us in this offering will be approximately \$94.5 million (or approximately \$108.8 million if the underwriters—option to purchase additional shares is exercised in full) after deducting the underwriting discount and estimated offering expenses payable by us.

We intend to use the net proceeds from this offering for general corporate purposes, which may include working capital, capital expenditures, repayment of indebtedness and other general corporate purposes. In addition, we have in the past made acquisitions of complementary businesses and assets and regularly evaluate opportunities to acquire complementary businesses or assets. We may use the net proceeds to fund all or a portion of the cost of any such acquisitions, although we have no agreements or understandings with respect to any acquisition at this time. The timing and amount of our actual expenditures will be based on many factors, including cash flows from operations and the anticipated growth of our business. As a result, our management will have broad discretion to allocate the net proceeds of the offerings. Pending their ultimate use, we intend to invest the net proceeds in short-term, interest-bearing instruments or U.S. government securities.

#### PRICE RANGE OF OUR COMMON STOCK

Our common stock trades on the Nasdaq Global Select Market under the symbol UCTT. The following table sets forth the range of high and low prices for our common stock as reported on the Nasdaq Global Select Market for the periods indicated.

	High		Low	
Fiscal Year Ended December 30, 2016:				
First quarter	\$ 5.72	\$	4.50	
Second quarter	6.07		4.95	
Third quarter	7.50		5.40	
Fourth quarter	10.65		6.79	
Fiscal Year Ending December 29, 2017:				
First quarter	\$ 16.99	\$	9.42	
Second quarter	26.21		14.93	

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Third quarter	30.92	18.41
Fourth quarter	34.59	18.86
Fiscal Year Ending December 28, 2018:		
First quarter (through January 26, 2018)	\$ 27.20	\$ 21.41

The last reported sale price of our common stock on the Nasdaq Global Select Market on January 26, 2018 was \$24.27 per share. As of December 29, 2017, there were three holders of record of our common stock. A substantially greater number of holders of our common stock are in street name or beneficial holders, whose shares are held of record by banks, brokers and other financial institutions.

# **DIVIDEND POLICY**

We have never paid or declared any cash dividends on our common stock and do not anticipate paying cash dividends in the foreseeable future. Additionally, the terms of our credit agreement restrict our ability to pay dividends. Therefore, you are not likely to receive any dividends on your common stock for the foreseeable future.

# MATERIAL U.S. FEDERAL INCOME AND ESTATE TAX CONSEQUENCES FOR NON-U.S. HOLDERS OF COMMON STOCK

The following are the material U.S. federal income and estate tax consequences of the ownership and disposition of our common stock acquired in this offering by a Non-U.S. Holder that holds our common stock as a capital asset within the meaning of Section 1221 of the Internal Revenue Code of 1986, as amended, or the Code, and does not own, and has not owned, actually or constructively, more than 5% of our common stock. You are a Non-U.S. Holder if for U.S. federal income tax purposes you are a beneficial owner of our common stock that is:

a nonresident alien individual;

a foreign corporation; or

a foreign estate or trust.

You are not a Non-U.S. Holder if you are a nonresident alien individual present in the United States for 183 days or more in the taxable year of disposition, or if you are a former citizen or former resident of the United States for U.S. federal income tax purposes. If you are such a person, you should consult your tax adviser regarding the U.S. federal income tax consequences of the ownership and disposition of our common stock.

If you are a partnership for U.S. federal income tax purposes, the U.S. federal income tax treatment of a partner will generally depend on the status of the partner and your activities. Accordingly, partnerships holding our common stock and the partners in such partnerships should consult their tax advisors regarding the U.S. federal income tax consequences to them of the ownership and disposition of our common stock.

This discussion is based on the Code, administrative pronouncements, judicial decisions and final, temporary and proposed Treasury regulations, changes to any of which subsequent to the date of this prospectus supplement may affect the tax consequences described herein, possibly with retroactive effect. This discussion does not describe all of the tax consequences that may be relevant to you in light of your particular circumstances, including alternative minimum tax and Medicare contribution tax consequences and does not address any aspect of state, local or non-U.S. taxation, or any taxes other than income and estate taxes. You should consult your tax adviser with regard to the application of the U.S. federal tax laws to your particular situation, as well as any tax consequences arising under the laws of any state, local or non-U.S. taxing jurisdiction.

#### **Dividends**

As discussed under Dividend Policy above, we do not currently expect to make distributions on our common stock. In the event that we do make distributions of cash or other property, those distributions will constitute dividends for U.S. federal income tax purposes to the extent paid from our current or accumulated earnings and profits, as determined under U.S. federal income tax principles. To the extent those distributions exceed our current and accumulated earnings and profits, they will constitute a return of capital, which will first reduce your basis in our common stock, but not below zero, and then will be treated as gain from the sale of our common stock, as described below under Gain on Disposition of Our Common Stock.

Dividends paid to you generally will be subject to withholding tax at a 30% rate or a reduced rate specified by an applicable income tax treaty. In order to obtain a reduced rate of withholding (subject to the discussion below under FATCA), you will be required to provide a properly executed applicable Internal Revenue Service (IRS) Form W-8 certifying your entitlement to benefits under a treaty.

If dividends paid to you are effectively connected with your conduct of a trade or business in the United States (and, if required by an applicable income tax treaty, are attributable to a permanent establishment or fixed base maintained by you in the United States), you will generally be taxed on the dividends in the same manner as a U.S. person. In this case, you will be exempt from the withholding tax discussed in the preceding paragraph, although you will be required to provide a properly executed IRS Form W-8ECI in order to claim an exemption from withholding. You should consult your tax adviser with respect to other U.S. tax consequences of the ownership and disposition of our common stock, including the possible imposition of a branch profits tax at a rate of 30% (or a lower treaty rate) if you are a corporation.

# **Gain on Disposition of Our Common Stock**

Subject to the discussions below under Information Reporting and Backup Withholding and FATCA, you generally will not be subject to U.S. federal income or withholding tax on gain realized on a sale or other taxable disposition of our common stock unless:

the gain is effectively connected with your conduct of a trade or business in the United States (and, if required by an applicable income tax treaty, is attributable to a permanent establishment or fixed base maintained by you in the United States), or

we are or have been a United States real property holding corporation, as defined in the Code, at any time within the five-year period preceding the disposition or your holding period, whichever period is shorter, and our common stock has ceased to be regularly traded on an established securities market prior to the beginning of the calendar year in which the sale or disposition occurs.

We believe that we are not, and do not anticipate becoming, a United States real property holding corporation.

If you recognize gain on a sale or other disposition of our common stock that is effectively connected with your conduct of a trade or business in the United States (and if required by an applicable income tax treaty, is attributable to a permanent establishment or fixed base maintained by you in the United States), you will generally be taxed on such gain in the same manner as a U.S. person. You should consult your tax adviser with respect to other U.S. tax consequences of the ownership and disposition of our common stock, including the possible imposition of a branch

profits tax at a rate of 30% (or a lower treaty rate) if you are a corporation.

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# **Information Reporting and Backup Withholding**

Information returns are required to be filed with the IRS in connection with payments of dividends on our common stock. Unless you comply with certification procedures to establish that you are not a U.S. person, information returns may also be filed with the IRS in connection with the proceeds from a sale or other disposition of our common stock. You may be subject to backup withholding on payments on our common stock or on the proceeds from a sale or other disposition of our common stock unless you comply with certification procedures to establish that you are not a U.S. person or otherwise establish an exemption. Your provision of a properly executed applicable IRS Form W-8 certifying your non-U.S. status will permit you to avoid backup withholding. Amounts withheld under the backup withholding rules are not additional taxes and may be refunded or credited against your U.S. federal income tax liability, provided the required information is timely furnished to the IRS.

### **FATCA**

Provisions of the Code and related U.S. Treasury guidance commonly referred to as FATCA require withholding of 30% on payments of dividends on our common stock, as well as of gross proceeds of dispositions occurring after December 31, 2018 of our common stock, to foreign financial institutions (which is broadly defined for this purpose and in general includes investment vehicles) and certain other non-U.S. entities unless various U.S. information reporting and due diligence requirements (generally relating to ownership by U.S. persons of interests in or accounts with those entities) have been satisfied, or an exemption applies. An intergovernmental agreement between the United States and an applicable foreign country may modify these requirements. If FATCA withholding is imposed, a beneficial owner that is not a foreign financial institution generally may obtain a refund of any amounts withheld by filing a U.S. federal income tax return (which may entail significant administrative burden). You should consult your tax adviser regarding the effects of FATCA on your investment in our common stock.

# **Federal Estate Tax**

Individuals who are not citizens or residents of the United States (as defined for U.S. federal estate tax purposes) and entities the property of which is potentially includible in such an individual s gross estate for U.S. federal estate tax purposes (for example, a trust funded by such an individual and with respect to which the individual has retained certain interests or powers), should note that, absent an applicable treaty exemption, our common stock will be treated as U.S.-situs property subject to U.S. federal estate tax.

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# **UNDERWRITING**

We have entered into an underwriting agreement with the underwriters named below. Needham & Company, LLC and Cowen and Company, LLC are acting as representatives of the underwriters. The underwriters obligations are several, which means that each underwriter is required to purchase a specific number of shares, but is not responsible for the commitment of any other underwriter to purchase shares. Subject to the terms and conditions of the underwriting agreement, each underwriter has severally agreed to purchase from us the number of shares of common stock set forth opposite its name below.

Underwriter	Number of Shares
Needham & Company, LLC	
Cowen and Company, LLC	
Total	

The underwriting agreement provides that the underwriters are obligated to purchase all the shares of common stock in the offering if any are purchased, other than those shares covered by the option described below.

The underwriting agreement provides that we will indemnify the underwriters against certain liabilities that may be incurred in connection with this offering, including liabilities under the Securities Act, or to contribute payments that the underwriters may be required to make in respect thereof.

We intend to grant an option to the underwriters to purchase up to additional shares of common stock at the public offering price per share, less the underwriting discount, set forth on the cover page of this prospectus supplement. This option is exercisable during the 30-day period after the date of this prospectus supplement. If this option is exercised, each of the underwriters will purchase approximately the same percentage of the additional shares as the number of shares of common stock to be purchased by that underwriter, as shown in the table above, bears to the total shown.

The representatives have advised us that the underwriters propose to offer the shares of common stock to the public at the public offering price per share set forth on the cover page of this prospectus supplement. The underwriters may offer shares to securities dealers, who may include the underwriters, at that public offering price less a concession of up to \$ per share. After the offering to the public, the offering price and other selling terms may be changed by the representatives.

The following table shows the per share and total underwriting discount to be paid to the underwriters by us. These amounts are shown assuming both no exercise and full exercise of the underwriters option to purchase additional shares.

		Total		
	Per Share	No Exercise	<b>Full Exercise</b>	
Paid by us	\$	\$	\$	

We estimate that the total expenses of the offering, excluding the underwriting discount, will be approximately \$0.5 million.

We have agreed not to offer, sell, contract to sell, pledge, grant options to purchase, or otherwise dispose of any shares of our common stock or securities exchangeable for or convertible into

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our common stock for a period of 90 days after the date of this prospectus supplement without the prior written consent of Needham & Company, LLC, other than (a) the shares of our common stock to be sold hereunder, (b) any options and other awards granted under our existing equity incentive plans, (c) any shares of our common stock issued upon the exercise of options or vesting of other awards granted under our existing equity incentive plans and (d) shares of common stock or other securities issued in connection with a transaction with an unaffiliated third party that includes a bona fide commercial relationship (including joint ventures, marketing or distribution arrangements, collaboration agreements or intellectual property license agreements) or any acquisition of assets or equity of another entity (whether by merger, consolidation, acquisition of equity interests or otherwise), provided that (x) the aggregate number of shares issued pursuant to this clause (d) shall not exceed ten percent (10%) of the total number of outstanding shares of our common stock immediately following the issuance and sale of the shares of common stock in this offering and (y) the recipient of any such shares of common stock or securities issued pursuant to (d) during the 90-day restricted period shall enter into a lock-up agreement with the underwriters.

Our directors and executive officers have agreed, subject to certain exceptions, not to, directly or indirectly, sell, hedge, or otherwise dispose of any shares of common stock, options to acquire shares of common stock or securities exchangeable for or convertible into shares of common stock, for a period of 90 days after the date of this prospectus supplement without the prior written consent of Needham & Company, LLC. The restrictions described above are subject to limited exceptions, including:

transfers that occur by operation of law pursuant to a qualified domestic order or in connection with a divorce settlement, provided that any filing required to be made under Section 16(a) of the Exchange Act shall clearly indicate the purpose of the transfer in the footnotes thereto, no other public announcement shall be required or shall be made voluntarily in connection with such transfer and each transferee, donee or distributee shall execute and deliver to the underwriters a lock-up agreement substantially in the form of the lock-up agreement entered into by the party subject to the lockup restrictions;

transfers to us pursuant to agreements under which we have the option to repurchase such shares or securities upon termination of service of the party subject to the lockup restrictions, provided that any public report or filing required to be made under Section 16(a) of the Exchange Act shall clearly indicate in the footnotes thereto the circumstances of such transfer and no other public announcement shall be required or shall be made voluntarily in connection with such transfer;

the transfer of shares of common stock or any security convertible into common stock to us, or the withholding of shares of common stock by us, in connection with a vesting event of securities granted pursuant to a stock incentive plan or stock purchase plan described in or incorporated by reference into this prospectus supplement, to cover tax withholding obligations or the payment of taxes due in connection with the vesting event, provided that any public report or filing required to be made under Section 16(a) of the Exchange Act shall clearly indicate in the footnotes thereto that the purpose of such transfer is to cover such tax withholding obligations or the payment of taxes due in connection with the vesting event, and provided, further that no other public announcement shall be required or shall be made voluntarily in connection with such transfer;

a merger, consolidation or other similar transaction involving a change of control of us and approved by our board of directors, provided that, in the event that such change of control is not completed, the relevant shares shall remain subject to the restrictions described above; or

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the transfer of any shares pursuant to a trading plan established pursuant to Rule 10b5-1 under the Exchange Act prior to the date the party subject to the lockup restrictions entered into the lock-up agreement, provided that if the such party reports any such sale or transfer on a Form 4 under Section 16(a) of the Exchange Act, such Form 4 shall include a statement that such transfer was effected pursuant to an existing plan that was in effect on the date that such party entered into the lock-up agreement; and provided further that such party shall not, without the prior written consent of Needham & Company, LLC, amend any such existing plan to permit any sales or transfers of additional shares during the restricted period unless such transfer is otherwise permitted under the terms of the lock-up agreement.

In connection with this offering, the underwriters may engage in transactions that stabilize, maintain or otherwise affect the price of our common stock. Specifically, the underwriters may sell more shares than are set forth on the cover page of this prospectus supplement. This creates a short position in our common stock for their own account. The short position may be either a covered short position or a naked short position. In a covered short position, the number of shares sold by the underwriters is not greater than the number of shares that they may purchase pursuant to their option to purchase additional shares described above. In a naked short position, the number of shares involved is greater than the number of shares in that option. To close out a short position or to stabilize the price of our common stock, the underwriters may bid for, and purchase, common stock in the open market. The underwriters may also elect to reduce any short position by exercising all or part of their option to purchase additional shares. In determining the source of shares to close out the short position, the underwriters will consider, among other things, the price of shares available for purchase in the open market as compared to the price at which they may purchase shares through their option to purchase additional shares. If the underwriters sell more shares than could be covered by their option, a naked short position can only be closed out by buying shares in the open market. A naked short position is more likely to be created if the underwriters are concerned that there could be downward pressure on the price of the shares in the open market after pricing that could adversely affect investors who purchase in the offering.

The underwriters may also impose a penalty bid. This occurs when a particular underwriter or dealer repays selling concessions allowed to it for distributing our common stock in this offering because the underwriters repurchase that stock in stabilizing or short covering transactions.

Finally, the underwriters may bid for, and purchase, shares of our common stock in market making transactions.

These activities may stabilize or maintain the market price of our common stock at a price that is higher than the price that might otherwise exist in the absence of these activities. The underwriters are not required to engage in these activities, and may discontinue any of these activities at any time without notice. These transactions may be effected on the Nasdaq Global Select Market, in the over-the-counter market, or otherwise.

# **Notice to Prospective Investors in Canada**

The shares of our common stock being offered hereby may be sold only to purchasers purchasing, or deemed to be purchasing, as principal that are accredited investors, as defined in National Instrument 45-106 *Prospectus Exemptions* or subsection 73.3(1) of the Securities Act (Ontario), and are permitted clients, as defined in National Instrument 31-103 *Registration Requirements, Exemptions and Ongoing Registrant Obligations*. Any resale of the shares of our common stock must be made in accordance with an exemption from, or in a transaction not subject to, the prospectus requirements of applicable securities laws.

Securities legislation in certain provinces or territories of Canada may provide a purchaser with remedies for rescission or damages if this prospectus supplement or the accompanying prospectus (including any amendment thereto) contains a misrepresentation, provided that the remedies for rescission or damages are exercised by the purchaser within the time limit prescribed by the securities legislation of the purchaser s province or territory. The purchaser should refer to any applicable provisions of the securities legislation of the purchaser s province or territory for particulars of these rights or consult with a legal advisor.

Pursuant to section 3A.3 of National Instrument 33-105 *Underwriting Conflicts* (NI 33-105), the underwriters are not required to comply with the disclosure requirements of NI 33-105 regarding underwriter conflicts of interest in connection with this offering.

## Notice to Prospective Investors in the European Economic Area

In relation to each Member State of the European Economic Area that has implemented the Prospectus Directive (each, a Relevant Member State), an offer to the public of any shares of our common stock may not be made in that Relevant Member State, except that an offer to the public in that Relevant Member State of any shares of our common stock may be made at any time under the following exemptions under the Prospectus Directive, if they have been implemented in that Relevant Member State:

to any legal entity which is a qualified investor as defined in the Prospectus Directive;

to fewer than 150 natural or legal persons (other than qualified investors as defined in the Prospectus Directive), as permitted under the Prospectus Directive, subject to obtaining the prior consent of the representatives; or

in any other circumstances falling within Article 3(2) of the Prospectus Directive, provided that no such offer of shares of our common stock shall result in a requirement for publication by us or any underwriter of a prospectus pursuant to Article 3 of the Prospectus Directive or supplement a prospectus pursuant to Article 16 of the Prospectus Directive and each person who initially acquires any shares or to whom any offer is made will be deemed to have represented, acknowledged and agreed to and with each of the underwriters and the Company that it is a qualified investor within the meaning of the law in that Relevant Member State implementing Article 2(1)(e) of the Prospectus Directive.

In the case of any shares of our common stock being offered to a financial intermediary as that term is used in Article 3(2) of the Prospectus Directive, each such financial intermediary will be deemed to have represented, acknowledged and agreed that the shares of our common stock acquired by it in the offer have not been acquired on a non-discretionary basis on behalf of, nor have they been acquired with a view to their offer or resale to, persons in circumstances which may give rise to an offer of any shares of our common stock to the public other than their offer or resale in a Relevant Member State to qualified investors as so defined or in circumstances in which the prior consent of the representatives has been obtained to each such proposed offer or resale.

We, the underwriters and our and their respective affiliates will rely upon the truth and accuracy of the foregoing representation, acknowledgement and agreement.

This prospectus supplement has been prepared on the basis that any offer of shares of our common stock in any relevant member state will be made pursuant to an exemption under the Prospectus Directive from the requirement to publish a prospectus for offers of shares of our common stock. Accordingly any person making or intending to make an offer in that relevant member state of

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shares of our common stock that are the subject of the offering contemplated in this prospectus supplement and the accompanying prospectus may only do so in circumstances in which no obligation arises for the Company or the underwriters to publish a prospectus pursuant to Article 3 of the Prospectus Directive in relation to such offer. Neither we nor the underwriters have authorized, nor do they authorize, the making of any offer of shares of our common stock in circumstances in which an obligation arises for the Company or the underwriters to publish a