UNITED STATES SECURITIES AND EXCHANGE COMMISSION

WASHINGTON, D.C. 20549

AMENDMENT NO. 1 TO

SCHEDULE TO

(Rule 13e-4)

TENDER OFFER STATEMENT UNDER SECTION 14(d)(1) OR 13(e)(1) OF THE SECURITIES EXCHANGE ACT OF 1934

FORMFACTOR, INC.

(Name of Subject Company (Issuer) and Filing Person (Offeror))

Options to Purchase Common Stock, Par Value \$0.001 Per Share (Title of Class of Securities)

346375108

(CUSIP Number of Class of Securities (Underlying Common Stock))

Richard A. DeLateur Chief Financial Officer FormFactor, Inc. 7005 Southfront Road Livermore, California 94551 (925) 290-4000

(Name, Address, and Telephone Number of Person Authorized to Receive Notices and Communications on Behalf of Filing Persons)

With copies to:

Alan Talkington, Esq. Jonathan M. Ocker, Esq. Orrick, Herrington & Sutcliffe LLP 405 Howard Street San Francisco, California 94105 (415) 773-5700

CALCULATION OF FILING FEES

| Transaction Valuation* | Amount of Filing fee** |
|------------------------|------------------------|
| \$2,388,171 | \$171 |
| | |

Calculated solely for purposes of determining the filing fee. This amount assumes that options to purchase 3,098,724 shares of common stock of FormFactor, Inc. that have an aggregate value of \$2,388,171 as of August 27, 2010 will be exchanged pursuant to the exchange offer, which may not occur. The aggregate value of such options was calculated based on the Black-Scholes option pricing model.

** The amount of the filing fee, calculated in accordance with Rule 0-11(b) of the Securities Exchange Act of 1934, as amended, equals \$71.30 per million dollars of the value of the transaction.

x Check the box if any part of the fee is offset as provided by Rule 0-11(a)(2) and identify the filing with which the offsetting fee was previously paid. Identify the previous filing by registration statement number, or the Form or Schedule and the date of its filing.

Amount Previously Paid: \$171 Form or Registration No.: 005-79547

0

Filing Party: FormFactor, Inc. Date Filed: September 2, 2010

Check the box if the filing relates solely to preliminary communications made before the commencement of a tender offer.

Check the appropriate boxes below to designate any transactions to which the statement relates:

- o third-party tender offer subject to Rule 14d-1.
- x issuer tender offer subject to Rule 13e-4.
- o going-private transaction subject to Rule 13e-3.
- o amendment to Schedule 13D under Rule 13d-2.

Check the following box if the filing is a final amendment reporting the results of the tender offer: o

This Amendment No. 1 (this "Amendment No. 1") amends and supplements the Tender Offer Statement on Schedule TO filed with the Securities and Exchange Commission on September 2, 2010 (the "Schedule TO"), relating to an offer by FormFactor, Inc. (the "Company") to eligible employees, subject to specified conditions, to exchange certain underwater stock options (with an exercise price of at least \$13.63 per share) to purchase up to 3,098,724 shares of the Company's common stock, par value \$0.001 per share, for a lesser number of new stock options to be granted under the Company's 2002 Equity Incentive Plan, as amended. On September 13, 2010 and September 15, 2010, the Company filed a current report on Form 8-K with the Securities and Exchange Commission. These two current reports are filed as Exhibits (a)(5)(A) and (a)(5)(B) to the Schedule TO. In addition, a form of email to eligible employees relating to employee presentations and materials used in such presentations are filed as Exhibits (a)(1)(K) and (a)(1)(L) to the Schedule TO.

Pursuant to Rule 12b-15 under the Securities and Exchange Act of 1934, as amended, this Amendment No. 1 amends and restates only the items and exhibits to the Schedule TO that are being amended and restated hereby, and unaffected items and exhibits are not included herein. This Amendment No. 1 should be read in conjunction with the Schedule TO.

Item 12 Exhibits.

"Item 12 Exhibits" to the Schedule TO is amended and restated as follows:

| Exhibit | Description of Exhibits |
|------------|---|
| (a)(l)(A)* | Offer to Exchange, dated September 2, 2010 |
| (a)(1)(B)* | Form of Election Form |
| (a)(1)(C)* | Form of Notice of Withdrawal |
| (a)(1)(D)* | Screen Shots from Stock Option Exchange Program Website |
| (a)(1)(E)* | Form of Email Communication from FormFactor to All Eligible Employees |
| (a)(1)(F)* | Form of Confirmation of Receipt of Election Form |
| (a)(1)(G)* | Form of Confirmation of Receipt of Notice of Withdrawal |
| (a)(1)(H)* | Form of Reminder of Expiration of Exchange Offer |
| (a)(1)(I)* | Form of Confirmation of Participation in the Exchange Offer |
| (a)(1)(J)* | Form of Final Confirmation of Participation in the Exchange Offer |
| (a)(1)(K) | Form of Email Communication to Eligible Employees |
| (a)(1)(L) | Employee Presentation Slides |
| (a)(5)(A) | Form 8-K filed on September 13, 2010 (incorporated by reference to FormFactor's Form 8-K filed on September 13, 2010, File No. 000- |
| | 50307) |
| (a)(5)(B) | Form 8-K filed on September 15, 2010 (incorporated by reference to FormFactor's Form 8-K filed on September 15, 2010, File No. 000- |
| | 50307) |
| (b) | Not applicable. |
| (d)(1) | FormFactor, Inc. 2002 Equity Incentive Plan, as amended (incorporated by reference to Exhibit 10.06 to FormFactor's Form 10-K for the |
| | year ended December 26, 2009, File No. 000-50307) |
| (d)(2)* | Form of Stock Option Agreement for New Stock Options |
| (g) | Not applicable. |
| (h) | Not applicable. |
| | |

* Previously filed.

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SIGNATURE

After due inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

FORMFACTOR, INC.

By: /s/ Stuart L. Merkadeau

Stuart L. Merkadeau Senior Vice President, General Counsel and Secretary

Dated: September 17, 2010

Exhibit

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EXHIBIT INDEX

Description of Exhibits

| /ees |
|------|
| |
| |
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| (a)(1)(H)* | Form of Reminder of Expiration of Exchange Offer |
|------------|---|
| (a)(1)(I)* | Form of Confirmation of Participation in the Exchange Offer |
| (a)(1)(J)* | Form of Final Confirmation of Participation in the Exchange Offer |
| (a)(1)(K) | Form of Email Communication to Eligible Employees |
| (a)(1)(L) | Employee Presentation Slides |
| (a)(5)(A) | Form 8-K filed on September 13, 2010 (incorporated by reference to FormFactor's Form 8-K filed on September 13, 2010, File No. 000- |
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| (a)(5)(B) | Form 8-K filed on September 15, 2010 (incorporated by reference to FormFactor's Form 8-K filed on September 15, 2010, File No. 000- |
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| | year ended December 26, 2009, File No. 000-50307) |
| (d)(2)* | Form of Stock Option Agreement for New Stock Options |
| (g) | Not applicable. |
| (h) | Not applicable. |
| | |
| | |

* Previously filed.

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Form of Email Communication to Eligible Employees

We are conducting four informational sessions, in Livermore, on the stock option exchange in which you are eligible to participate. Attendance is optional and intended to give employees an opportunity to understand how the exchange works and how you make your election to participate or not. Each session will take place in the Austen conference room and should last for approximately 30-45 minutes. Below is a schedule of planned meetings:

Tuesday, September 21st

12:30 p.m. 6:00 p.m.

Wednesday, September 22nd

12:30 p.m. 6:00 p.m.

We look forward to seeing you there.



Why Are We Offering The Stock Option Exchange Program?

- Significant number of employees have options that are significantly "underwater"
- Provide increased financial upside for employees tied to a successful business turn around
- Eliminate the negative impact of significant underwater options
- Increase employee retention

What is the Stock Option Exchange Program?

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- The opportunity for employees to exchange eligible (outstanding/unexercised) stock options for a lesser number of stock options with a new exercise price and new term
- Exercise price of new options will be the fair market value of a share of FFI stock at the end of the offer period
 - Expected date: October 1, 2010
- New stock options will have a new 3 year vesting schedule and 5 year term:
 - 33.3% cliff after first year, monthly thereafter
 - Both vested and unvested shares exchanged will be subject to new vesting terms

How Will My Current Options Be Exchanged?

- Stock options will be exchanged on a grant by grant basis
 - You can not exchange only part of a stock option grant
 - Vested and unvested options will be exchanged for unvested stock options
- Exchange Ratio Table

| \$13.63 - \$19.49 | 2.5 : 1 |
|-------------------|---------|
| \$19.50 - \$24.99 | 3.0 : 1 |
| \$25.00 - \$35.99 | 3.5 : 1 |
| \$36.00 and up | 9.0 : 1 |

 New options are scheduled to be granted (and exchanged options cancelled) on October 1, 2010

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Should I exchange my options?

- The decision to participate in the exchange is each employee's personal decision
- FormFactor management makes no recommendation as to whether an employee should or should not participate in the Stock Option Exchange Program
- There are risks and conditions to be considered before participating in the exchange program
- You are encouraged to review the information on the exchange available on InForm and the option exchange website:

https://formfactor.equitybenefits.com



How Do I Exchange My Stock Options?

Via stock option exchange website at:

https://formfactor.equitybenefits.com

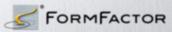
Via paper forms available at:

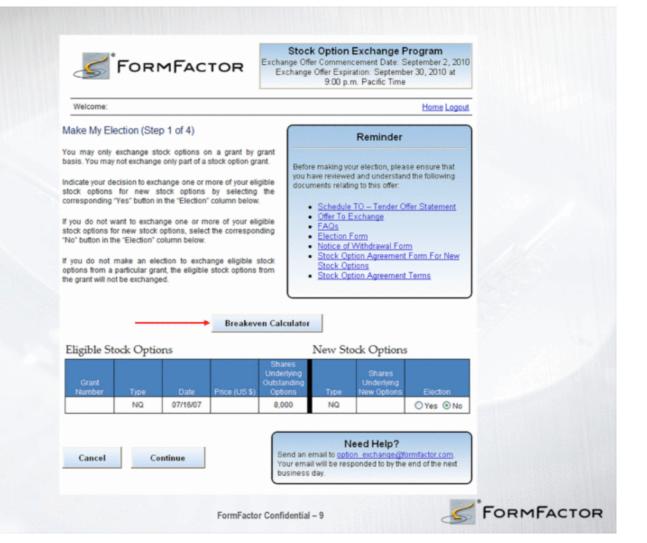
https://formfactor.equitybenefits.com InForm

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| | Stock Option Exchange Program ange Offer Commencement Date: September 2, 2010 Exchange Offer Expiration: September 30, 2010 at 9:00 p.m. Pacific Time |
|--|--|
| Welcome to the FormFactor Stock Option Exch Please enter your Login ID (email name) and Pas birth in mmddyyyy format. You will be prompted to Login ID: Password: ENTER | sword. Your initial password is your date of set a new password. @formfactor.com (Case Sensitive) |
| | |
| FormFactor Co | |
| FormFactor | nfidential – 7 Stock Option Exchange Program Exchange Offer Commencement Date: September 2, 2010 Exchange Offer Expiration: September 30, 2010 at 9:00 p.m. Pacific Time |
| FormFactor | Stock Option Exchange Program Exchange Offer Commencement Date: September 2, 2010 Exchange Offer Expiration: September 30, 2010 at |
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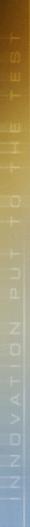
| Breakeven Calculator - Windows Internet Explorer | |
|--|-------------------------------------|
| Breakeven Calculato | r 🌔 |
| Assuming the hypothetical exercise price entered in step 2 belo of my eligible stock options equal the value of my new stock opti | |
| Step 1: Select eligible stock option grant ID | × |
| Exercise price of eligible stock options | |
| Number of shares outstanding in eligible grant | 8000 |
| Step 2: Enter hypothetical exercise price of new stock options | |
| Press to calculate breakeven price | Calculate |
| Exchange ratio based on grant ID selected in Step 1 | |
| Number of new stock options | |
| Breakeven stock price | |
| What is the value of my eligible stock options and new s | tock options at other stock prices? |
| Step 3: Enter hypothetical future stock price to be used in det values | ermining |
| Press to calculate values | Calculate |
| Current Options - Value of eligible stock options selected in Step 1 at price ente Step 3 | ared in |
| New Options - Value of new stock options from Step 2 at price entered in Ste | ap 3 |
| Reset | |

Breakeven Calculator

Excel example

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Stock Option Exchange Program Exchange Offer Commencement Date: September 2, 2010 Exchange Offer Expiration: September 30, 2010 at 9:00 p.m. Pacific Time

Home Logout

Review Elections (Step 2 of 4)

Welcome

You have made the following elections with respect to your Eligible Option Grants:

| Eligible St | ock Optic | ns | New Stock Options | | s | | |
|--------------|-----------|----------|-------------------|--|------|-------------------------------------|----------|
| Grant Number | Туре | Date | Price (US \$) | Shares Underlying Outstanding Options | Туре | Shares Underlying New Options | Election |
| | NQ | 07/16/07 | | 8,000 | NQ | | ⊚Yes ⊖No |

| Cancel | LAgrag |
|--------|---------|
| Cancel | I Agree |

Need Help? Send an email to <u>option_exchange@formfactor.com</u>. Your email will be responded to by the end of the next business day.

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| FormFactor | Stock Option Exchange Program Exchange Offer Commencement Date: September 2, 2010 Exchange Offer Expiration: September 30, 2010 at 9:00 p.m. Pacific Time |
|---|--|
| Welcome: | Home Logout |
| Print Election Confirmation (Step 4 of 4) | |
| Your election has been recorded as follows: | |
| Eligible Stock Options | New Stock Options |
| Grant Number Type Date Price (US \$ NQ 07/16/07 | Shares Shares Underlying Shares Outstanding Underlying Options Type New Options Election 8,000 NQ |
| Print A Confirmation Ret | urn To Welcome Page Logout |
| FormFacto | or Confidential - 14 |
| | <u>Home</u> ge Program - Election Confirmation |
| Your election has been recorded as follows: Name: Employee ID # : | M PT |
| Date: 09/01/2010 03:59:13 P | |
| Date: 09/01/2010 03:59:13 P Eligible Stock Options | New Stock Options |
| | Shares Underlying Shares Outstanding Underlying |

Breakeven Calculator

THIS IS JUST A SAMPLE

| Eligible Option | | |
|---|----------------|----------------|
| Number of eligible shares | | 1,000 |
| Exercise price of eligible option | | \$ 19.00 |
| | Exchange ratio | 2.0 |
| New Option | | |
| Number of new shares | | 500 |
| Hypothetical Exercise price (inserted by participant) | | \$ 9.00 |
| | | |
| Breakeven stock price | | \$ 29.00 |
| | | |
| Hypothetical future stock price (inserted by participant) | | \$ 20.00 |
| | | |
| Potential future value | | |
| Eligible Option (0 if negative) | | \$ 1,000.00 |
| New Option | | \$ 5,500.00 |
| | | |

| Excl | hange | Ran |
|------|-------|-----|
| | | |

| Exchange Range | | | | |
|----------------|-------|----|--------|-------|
| | High | | Low | Ratio |
| | 0 | \$ | 13.62 | N/A |
| \$ | 13.63 | \$ | 19.49 | 2.5 |
| \$ | 19.50 | \$ | 24.99 | 3.0 |
| \$ | 25.00 | \$ | 35.99 | 3.5 |
| \$ | 36.00 | | and Up | 9.0 |

Note: Although a manual entry here, the Exchange ratio will defualt to the correct amount in the website