

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, DC 20549

FORM 8-K

CURRENT REPORT

Pursuant to Section 13 or 15(d) of the
Securities Exchange Act of 1934

Date of report (Date of earliest event reported): April 25, 2024

ATOMERA INCORPORATED

(Exact Name of Registrant as Specified in Its Charter)

Delaware

(State or Other Jurisdiction of Incorporation)

001-37850

(Commission File Number)

30-0509586

(I.R.S. Employer Identification Number)

750 University Avenue, Suite 280

Los Gatos, California 95032

(Address of principal executive offices)

(408) 442-5248

(Registrant's telephone number, including area code)

(Former name or former address, if changed since last report)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Securities registered pursuant to Section 12(b) of the Act:

<u>Title of each class</u>	<u>Trading Symbol(s)</u>	<u>Name of each exchange on which registered</u>
Common stock: Par value \$0.001	ATOM	Nasdaq Capital Markets

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (§230.405 of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (§240.12b-2 of this chapter).

Emerging growth company

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.

Item 2.02 Results of Operations and Financial Condition

On April 25, 2024, Atomera Incorporated issued a press release announcing its financial results for the three months ended March 31, 2024. The Company also intends to conduct an earnings call over which it will distribute an investor presentation. The text of the press release is attached hereto as Exhibit 99.1 and the investor presentation is attached hereto as Exhibit 99.2, both are incorporated by reference herein.

The information in this Current Report, including the exhibits attached hereto, is furnished pursuant to Item 2.02 and shall not be deemed “filed” for any purpose, including for the purposes of Section 18 of the Securities Exchange Act of 1934, as amended (the “Exchange Act”), or otherwise subject to the liabilities of that Section. The information in this Current Report on Form 8-K shall not be deemed incorporated by reference into any filing under the Securities Act of 1933, as amended (the “Securities Act”), or the Exchange Act regardless of any general incorporation language in such filing.

Item 9.01 Financial Statements and Exhibits

(d) Exhibits

The following exhibits are filed with this report:

Exhibit Number	Exhibit Description
99.1	Press release dated April 25, 2024 Atomera Incorporated
99.2	Investor presentation dated April 25, 2024 Atomera Incorporated
104	Cover Page Interactive Data File (formatted in iXBRL, and included in exhibit 101).

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the Registrant has duly caused this report to be signed on its behalf by the undersigned, hereunto duly authorized.

ATOMERA INCORPORATED

Dated: April 25, 2024

/s/ Francis B. Laurencio

Francis B. Laurencio,
Chief Financial Officer



Atomera Provides First Quarter 2024 Results

LOS GATOS, Calif. April 25, 2024 Atomera Incorporated (NASDAQ: ATOM), a **semiconductor materials and technology licensing company**, today provided a corporate update and announced financial results for the first quarter ended March 31, 2024.

Recent Company Highlights

- Strong progress with customers in all four market focus segments
- Record number of commercial proposals in the last three months
- Promising GaN results in a new product category, Compound Semiconductors

Management Commentary

“As our first commercial customer continues on the path to production, we have been more active on license agreements with other customers than at any time in our history,” said Scott Bibaud, President and CEO. “We believe this proposal activity, combined with our potential to enter the compound semiconductor market segment will provide sustaining growth on top of a solid foundation to build Atomera into a premier leader in the semiconductor industry.”

Financial Results

The Company incurred a net loss of (\$4.8) million, or (\$0.19) per basic and diluted share in the first quarter of 2024, compared to a net loss of (\$5.0) million, or (\$0.21) per basic and diluted share, for the first quarter of 2023. Adjusted EBITDA (a non-GAAP financial measure) in the first quarter of 2024 was a loss of (\$4.0) million compared to an adjusted EBITDA loss of (\$4.2) million in the first quarter of 2023.

The Company had \$19.3 million in cash, cash equivalents and short-term investments as of March 31, 2024, compared to \$19.5 million as of December 31, 2023.

The total number of shares outstanding was 26.9 million as of March 31, 2024.

First Quarter 2024 Results Webinar

Atomera will host a live video webinar today to discuss its financial results and recent progress.

Date: Thursday, April 25, 2024

Time: 2:00 p.m. PT (5:00 p.m. ET)

Webcast: Accessible at <https://ir.atomera.com>

Note about Non-GAAP Financial Measures

In addition to the unaudited results presented in accordance with generally accepted accounting principles, or GAAP, in this press release, Atomera presents adjusted EBITDA, which is a non-GAAP financial measure. Adjusted EBITDA is determined by taking net loss and eliminating the impacts of interest, depreciation, amortization and stock-based compensation. Our definition of adjusted EBITDA may not be comparable to the definitions of similarly-titled measures used by other companies. We believe that this non-GAAP financial measure, viewed in addition to and not in lieu of our reported GAAP results, provides useful information to investors by providing a more focused measure of operating results. This metric is used as part of the Company's internal reporting to evaluate its operations and the performance of senior management. A table reconciling this measure to the comparable GAAP measure is available in the accompanying financial tables below.

About Atomera Incorporated

Atomera Incorporated is a semiconductor materials and technology licensing company focused on deploying its proprietary, silicon-proven technology into the semiconductor industry. Atomera has developed Mears Silicon Technology™ (MST®), which increases performance and power efficiency in semiconductor transistors. MST can be implemented using equipment already deployed in semiconductor manufacturing facilities and is complementary to other nano-scaling technologies already in the semiconductor industry roadmap. More information can be found at www.atomera.com.

Safe Harbor

This press release contains forward-looking statements concerning Atomera Incorporated, including statements regarding the prospects for the semiconductor industry generally and the ability of our MST technology to significantly improve semiconductor performance. Those forward-looking statements involve known and unknown risks, uncertainties and other factors that could cause actual results to differ materially. Among those factors are: (1) the fact that, to date, we have only recognized minimal engineering services and licensing revenues and we have not yet commenced principal revenue producing operations, thus subjecting us to all of the risks inherent in an early-stage enterprise; (2) the risk that STMicroelectronics does not proceed with qualification of MST in its manufacturing process or does not take MST-enabled products to market, (3) risks related to our ability to successfully complete the milestones in our joint development agreements or, even if successfully completed, to reach a commercial distribution license with our JDA customers; (4) risks related to our ability to advance licensing arrangements with our integration licensees to royalty-based manufacturing and distribution licenses or our ability to add other licensees; (5) risks related to our ability to raise sufficient capital, as and when needed, to pursue the further development, licensing and commercialization of our MST technology; (6) our ability to protect our proprietary technology, trade secrets and knowhow and (7) those other risks disclosed in the section "Risk Factors" included in our Annual Report on Form 10-K filed with the SEC on February 15, 2024. We caution readers not to place undue reliance on any forward-looking statements. We do not undertake, and specifically disclaim any obligation, to update or revise such statements to reflect new circumstances or unanticipated events as they occur.

-- Financial Tables Follow --

Atomera Incorporated
Condensed Balance Sheets
(in thousands, except per share data)

	March 31, 2024	December 31, 2023
	(Unaudited)	
ASSETS		
Current assets:		
Cash and cash equivalents	\$ 14,806	\$ 12,591
Short-term investments	4,458	6,940
Unbilled contracts receivable	–	550
Interest receivable	73	79
Prepaid expenses and other current assets	328	244
Total current assets	<u>19,665</u>	<u>20,404</u>
Property and equipment, net	83	100
Long-term prepaid maintenance and supplies	91	91
Security deposit	14	14
Operating lease right-of-use asset	459	517
Financing lease right-of-use-asset	2,622	2,903
Total assets	<u>\$ 22,934</u>	<u>\$ 24,029</u>
LIABILITIES AND STOCKHOLDERS' EQUITY		
Current liabilities:		
Accounts payable	\$ 601	\$ 618
Accrued expenses	210	222
Accrued payroll related expenses	454	1,382
Current operating lease liability	263	264
Current financing lease liability	1,357	1,328
Deferred revenue	17	–
Total current liabilities	<u>2,902</u>	<u>3,814</u>
Long-term operating lease liability	194	295
Long-term financing lease liability	1,431	1,750
Total liabilities	<u>4,527</u>	<u>5,859</u>
Commitments and contingencies	–	–
Stockholders' equity:		
Preferred stock \$0.001 par value, authorized 2,500 shares; none issued and outstanding as of March 31 2024 and December 31, 2023	–	–
Common stock: \$0.001 par value, authorized 47,500 shares; 26,905 shares issued and 26,885 outstanding as of March 31, 2024; and 26,107 shares issued and outstanding as of December 31, 2023	27	26
Additional paid in capital	226,288	221,229
Other comprehensive income (loss)	(1)	–
Accumulated deficit	(207,907)	(203,085)
Total stockholders' equity	<u>18,407</u>	<u>18,170</u>
Total liabilities and stockholders' equity	<u>\$ 22,934</u>	<u>\$ 24,029</u>

Atomera Incorporated
Condensed Statements of Operations
(in thousands, except per share data)
(Unaudited)

	Three Months Ended		
	March 31, 2024	December 31, 2023	March 31, 2023
Revenue	\$ 18	\$ 550	\$ –
Cost of revenue	(33)	(28)	–
Gross margin (loss)	(15)	522	–
Operating expenses			
Research and development	2,858	2,992	3,036
General and administrative	1,811	1,875	1,742
Selling and marketing	350	452	389
Total operating expenses	5,019	5,319	5,167
Loss from operations	(5,034)	(4,797)	(5,167)
Other income (expense)			
Interest income	205	195	199
Accretion income	46	62	2
Other income (expense), net	–	3	–
Interest expenses	(39)	(43)	(53)
Total other income (expense), net	212	217	148
Net loss	\$ (4,822)	\$ (4,580)	\$ (5,019)
Net loss per common share, basic and diluted	\$ (0.19)	\$ (0.18)	\$ (0.21)
Weighted average number of common shares outstanding, basic and diluted	26,038	25,404	23,660

Atomera Incorporated
Reconciliation to Non-GAAP EBITDA
(Unaudited)

	Three Months Ended		
	March 31, 2024	December 31, 2023	March 31, 2023
Net loss (GAAP)	\$ (4,822)	\$ (4,580)	\$ (5,019)
Depreciation and amortization	17	17	20
Stock-based compensation	1,024	1,015	927
Interest income	(205)	(195)	(199)
Accretion income	(46)	(62)	(2)
Other (income) expense, net	–	(3)	–
Interest expense	39	43	53
Net loss non-GAAP EBITDA	\$ (3,993)	\$ (3,765)	\$ (4,220)

Investor Contact:

Bishop IR
Mike Bishop
(415) 894-9633
investor@atomera.com

The image features a futuristic, digital-themed background with glowing blue and white particles, light trails, and a grid pattern. The Atomera logo, consisting of a stylized cluster of blue and grey dots, is positioned at the top center. Below the logo, the word "atomera" is written in a lowercase, sans-serif font. The main title "Q1 2024 Conference Call" is displayed in a large, white, sans-serif font, with the date "April 25, 2024" centered below it in a smaller white font. At the bottom center, the text "Atomera Incorporated" is written in a small, white font, and a small number "1" is located in the bottom right corner.

atomera

Q1 2024 Conference Call

April 25, 2024

Atomera Incorporated

1

Safe Harbor



This presentation contains forward-looking statements concerning Atomera Incorporated (“Atomera,” the “Company,” “we,” “us,” and “our”). The words “believe,” “may,” “will,” “potentially,” “estimate,” “continue,” “anticipate,” “intend,” “could,” “would,” “project,” “plan,” “expect” and similar expressions that convey uncertainty of future events or outcomes are intended to identify forward-looking statements. These forward-looking statements are subject to a number of risks, uncertainties and assumptions, including those disclosed in the section “Risk Factors” included in our Annual Report on Form 10-K filed with the SEC on February 15, 2024 (the “Annual Report”). In light of these risks, uncertainties and assumptions, the forward-looking events and circumstances discussed in this presentation may not occur and actual results could differ materially and adversely from those anticipated or implied in our forward-looking statements. You should not rely upon forward-looking statements as predictions of future events. Although we believe that the expectations reflected in our forward-looking statements are reasonable, we cannot guarantee that the future results, levels of activity, performance or events and circumstances described in the forward-looking statements will be achieved or occur.

This presentation contains only basic information concerning Atomera. The Company’s filings with the Securities Exchange Commission, including the Annual Report, include more information about factors that could affect the Company’s operating and financial results. We assume no obligation to update information contained in this presentation. Although this presentation may remain available on the Company’s website or elsewhere, its continued availability does not indicate that we are reaffirming or confirming any of the information contained herein.



Mears Silicon Technology (MST®)

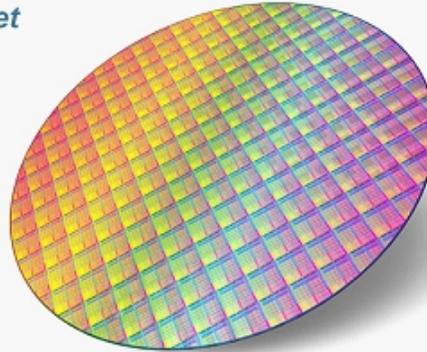
Quantum Engineered Materials



atomera

*Transistor enhancement
technology for the
\$550B semiconductor
market*

*High Leverage IP
Licensing Business
Model*



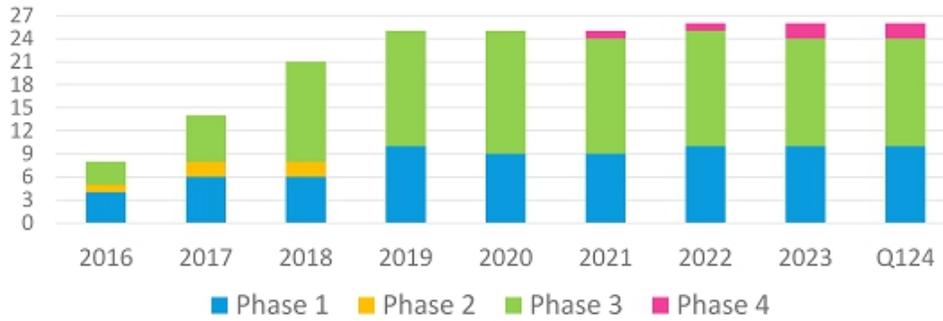
*Top Tier
Management Team*

*Strong, Growing and
Defensible
Patent Portfolio*

Customer Pipeline



Number of Customer Engagements



• 10 of the top 20 (IC Insights, McClean Report 2023)
 ^ End of year engagement count

- 20 customers, 26 engagements
- Working with 50% of the world's top semiconductor makers*

MST technology focus areas



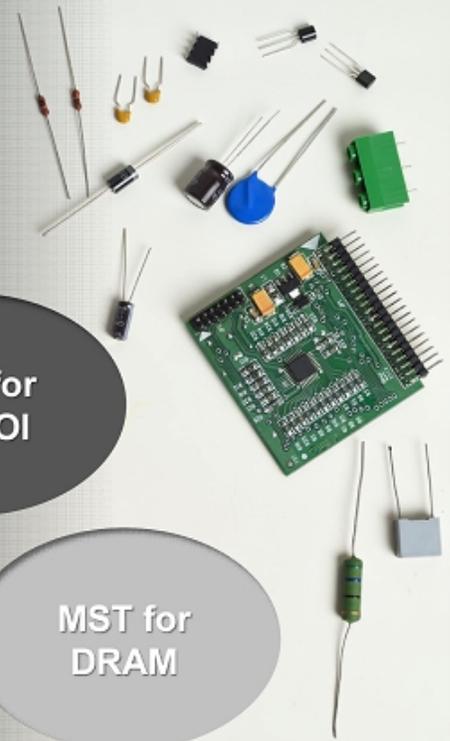
Atomera

MST for
Power
SP, SPX

MST for
RF-SOI

MST for
Advanced
Nodes

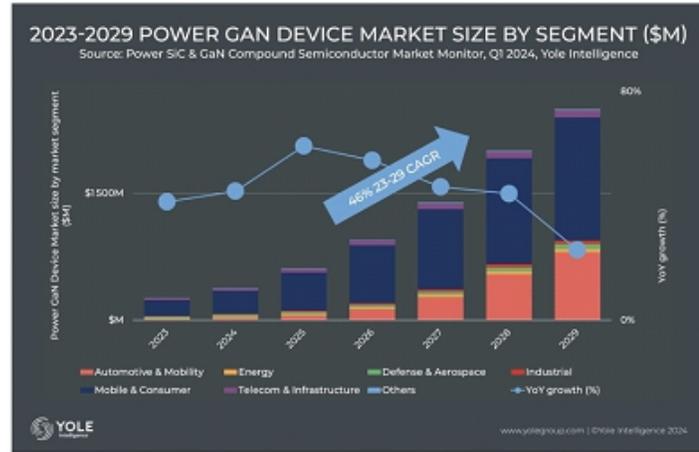
MST for
DRAM



Compound Semiconductors



- ▶ **Compound semiconductor market growing rapidly**
 - GaN is one example
- ▶ **Poor wafer substrate quality causes manufacturing challenges**
- ▶ **Atomera's MST may help to solve this problem**
- ▶ **Early experiments of GaN on MST show promising results**



Financial Review



	Three Months Ended		
	March 31, 2024	December 31, 2023	March 31, 2023
<i>Income Statement</i>			
<i>(\$ in thousands, except per-share data)</i>			
REVENUE	\$ 18	\$ 550	\$ -
Gross Profit	(15)	522	-
OPERATING EXPENSES			
Research & Development	2,858	2,992	3,036
General and Administration	1,811	1,875	1,742
Selling and Marketing	350	452	389
TOTAL OPERATING EXPENSES	5,019	5,319	5,167
OPERATING LOSS	(5,034)	(4,797)	(5,167)
Other Income (Expense)	212	217	148
Provision for income tax	-	-	-
NET LOSS	\$ (4,822)	\$ (4,580)	\$ (5,019)
Net Loss Per Share	\$ (0.19)	\$ (0.18)	\$ (0.21)
Weighted average shares outstanding	26,038	25,404	23,660
ADJUSTED EBITDA (NON-GAAP)	\$ (3,993)	\$ (3,765)	\$ (4,220)
ADJUSTED EBITDA PER SHARE	\$ (0.15)	\$ (0.15)	\$ (0.18)
<i>Balance Sheet Information</i>			
Cash, equivalents & ST investments	\$ 19,264	\$ 19,531	\$ 17,052
Debt	-	-	-

Mission Statement

*We collaborate with customers
to improve their products,
through integration of MST,
so that both companies
benefit financially*





atomera

Thank You