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Q32 2023 Conference Call

November 1, 2023

Atomera Incorporated

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, 2023 (the "Annual Report") Quarterly Report on Form 10-Q filed with the SEC on November 1, 2023. 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 discussed or occur.

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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.

Atomera Incorporated

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

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| | | Customer Wafer Manufacturing | | | | | | |
|-------|-------------|-------------------------------------|----------------|--------------------------------------|------------------|---------------|--|--|
| | | Atomera MST [®] Deposition | | Customer MST [®] Deposition | | | | |
| Phase | 1. Planning | 2. Setup | 3. Integration | 4. Installation | 5. Qualification | 6. Production | | |



Number of Customer Engagements

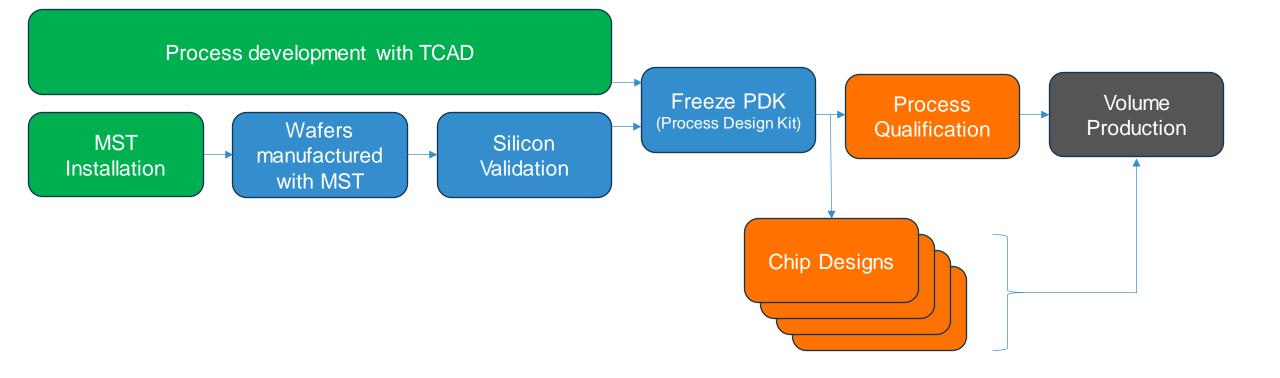
- 20 customers, 26 engagements
- Working with 50% of the world's top semiconductor makers*

^ End of year engagement count

• 10 of the top 20 (ICInsights, McClean Report 2022)

Productization cycle







MST technology focus areas



MST for Advanced Nodes

MST-SP,

SPX

MST for DRAM

MST for

RF-SOI

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Financial Review



| <u>Income Statement</u> | Three Months Ended | | | | | | |
|--|--------------------|---------|---------------|---------|--------------------|---------|--|
| (\$ in thousands, except per-share data) | September 30, 2023 | | June 30, 2023 | | September 30, 2022 | | |
| REVENUE | \$ | - | \$ | - | \$ | 2 | |
| Gross Profit | | - | | - | | 2 | |
| OPERATING EXPENSES | | | | | | | |
| Research & Development | | 3,305 | | 3,192 | | 2,743 | |
| General and Administration | | 1,683 | | 1,775 | | 1,567 | |
| Selling and Marketing | | 365 | | 393 | | 347 | |
| TOTAL OPERATING EXPENSES | | 5,353 | | 5,360 | | 4,657 | |
| OPERATING LOSS | | (5,353) | | (5,360) | | (4,655) | |
| Other Income (Expense) | | 314 | | 208 | | 53 | |
| NET LOSS | \$ | (5,039) | \$ | (5,152) | \$ | (4,602) | |
| Net Loss Per Share | \$ | (0.20) | \$ | (0.21) | \$ | (0.20) | |
| Weighted average shares outstanding | | 25,255 | | 24,677 | | 23,294 | |
| ADJUSTED EBITDA (NON-GAAP) | \$ | (4,292) | \$ | (4,310) | \$ | (3,747) | |
| ADJUSTED EBITDA PER SHARE | \$ | (0.17) | \$ | (0.17) | \$ | (0.16) | |
| Balance Sheet Information | | | | | | | |
| Cash, equivalents & ST investments | \$ | 20,389 | \$ | 23,835 | \$ | 23,287 | |
| Debt | | - | | - | | - | |

Mission Statement

We collaborate with customers to improve their products, through integration of MST,

so that both companies benefit financially

• **Solution** atomera

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Thank You

Atomera Incorporated