



atomera

Q3 2021 Conference Call

October 28, 2021

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 19, 2021. 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 Prospectus Supplement, 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.

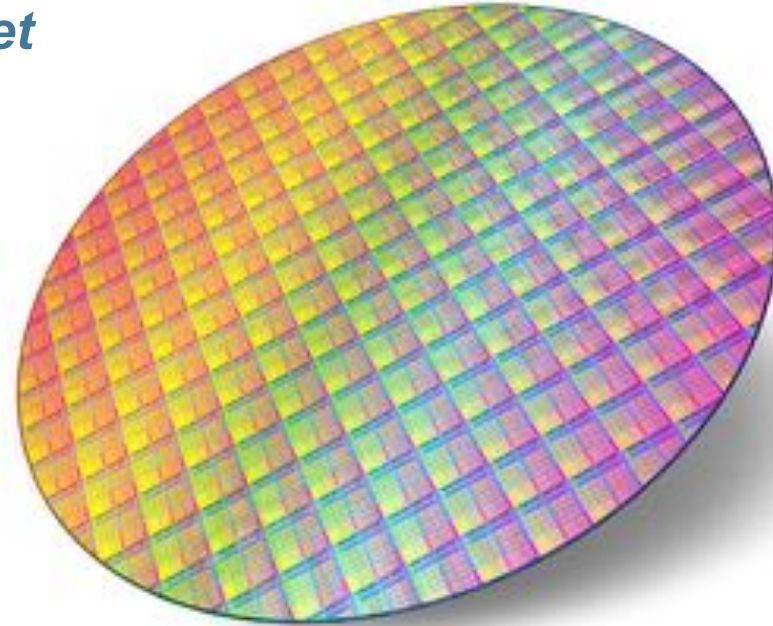
Mears Silicon Technology (MST®)

Quantum Engineered Materials



Transistor enhancement technology for the \$450B semiconductor market

High Leverage IP Licensing Business Model



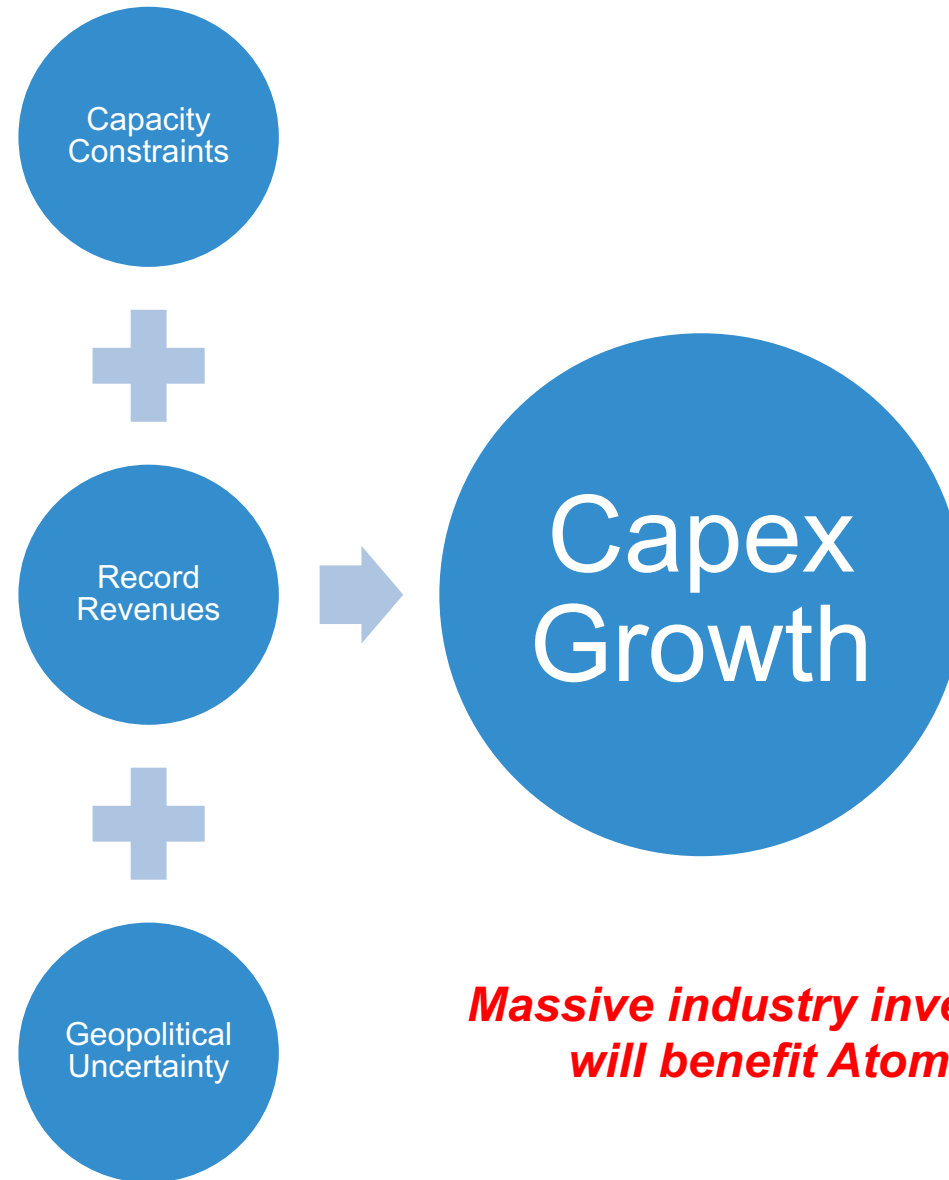
Top Tier Management Team

Strong, Growing and Defensible Patent Portfolio

Market forces driving strategy



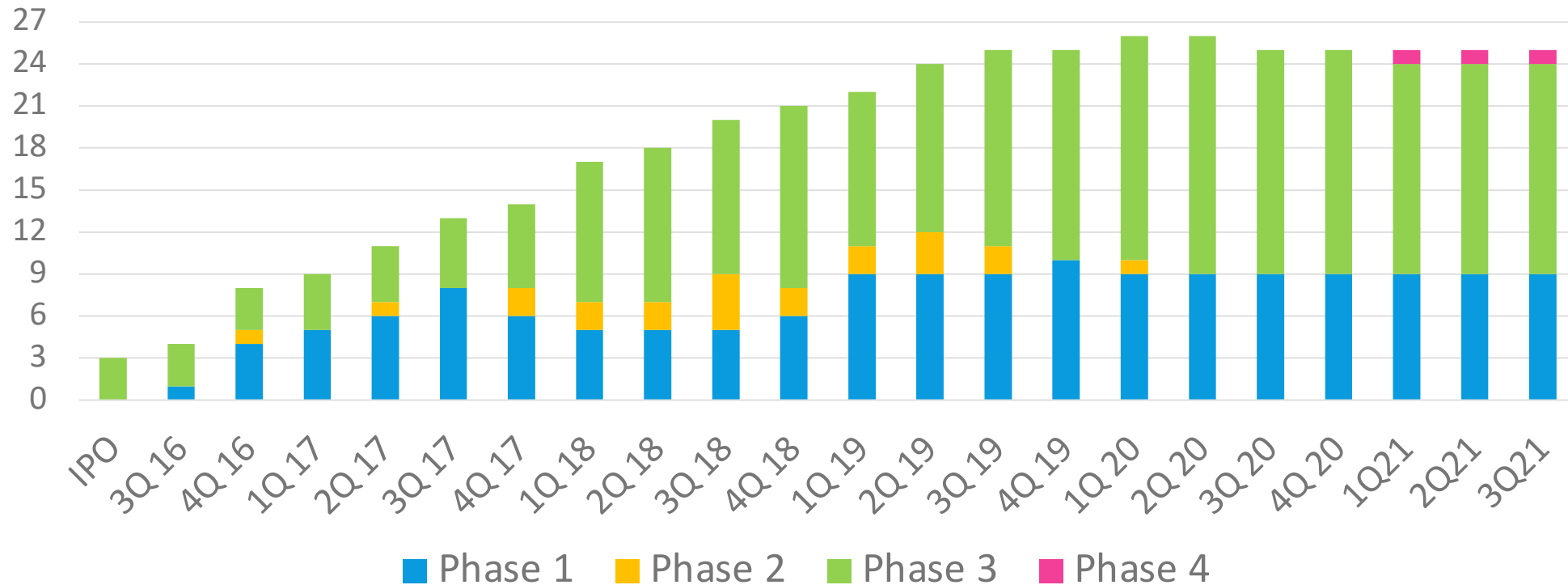
Atomera Confidential



***Massive industry investment
will benefit Atomera***

Customer Pipeline

Number of Customer Engagements



- 19 customers, 25 engagements
- Working with 50% of the world's top semiconductor makers*

* At least 10 of the top 20 (IC Insights, McClean Report 2021)

MST technology focus areas



MST-SP

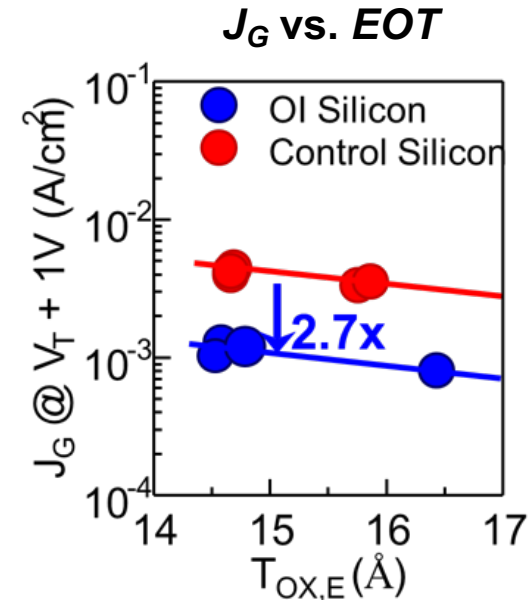
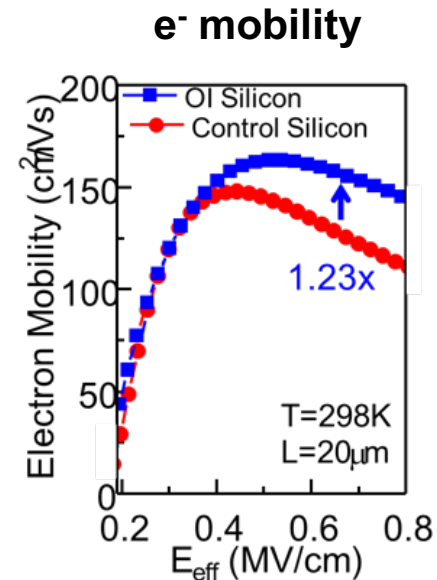
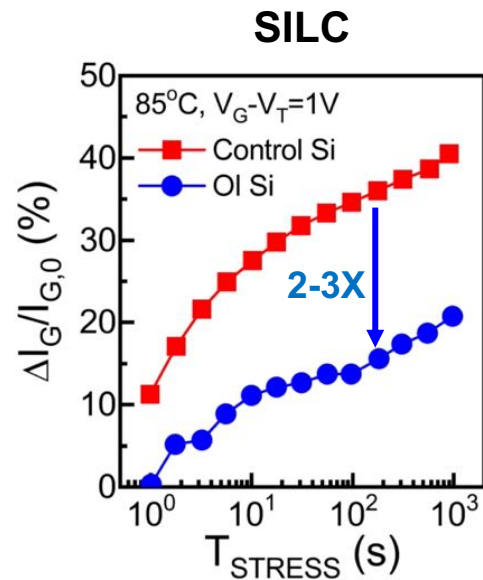
MST for
Advanced
Nodes

MST for
RF-SOI

MST for High-k metal gate (HKMG) transistors

► MST enhances HKMG transistor performance and reliability*

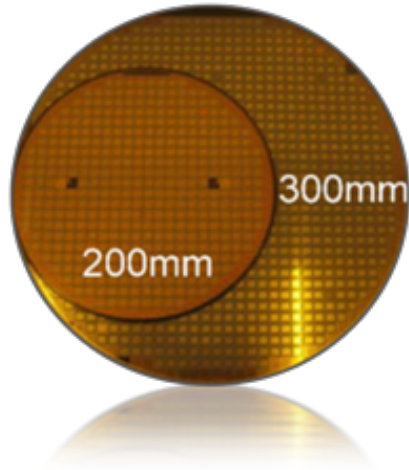
- Reduced stress induced leakage current (SILC) enabling reliability improvement
- 23% long-channel mobility enhancement
- 2.7x lower gate leakage



* Professor Suman Datta Group



Atomera state of the art research center



Epi Deposition Tool

► **Epi deposition facility**

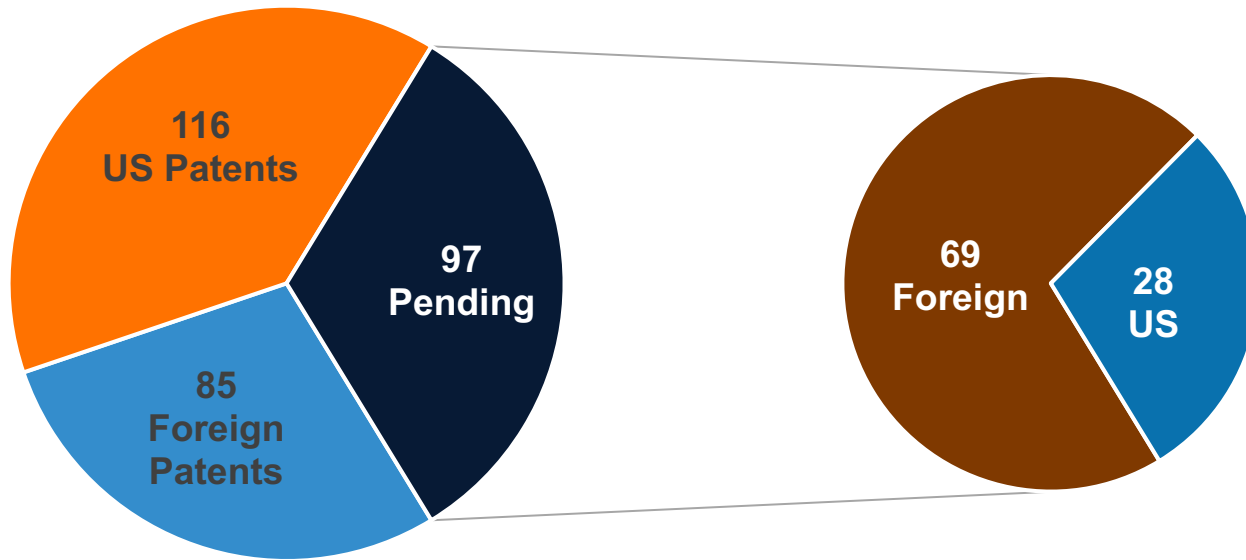
- 300mm Epi deposition
- 200mm Epi deposition
- Wafer cleaning equipment
- Metrology tools
- Advanced wafer handling
- World class clean room facility

► **Available to deliver customer wafers**

IP Portfolio Grew >20% YoY



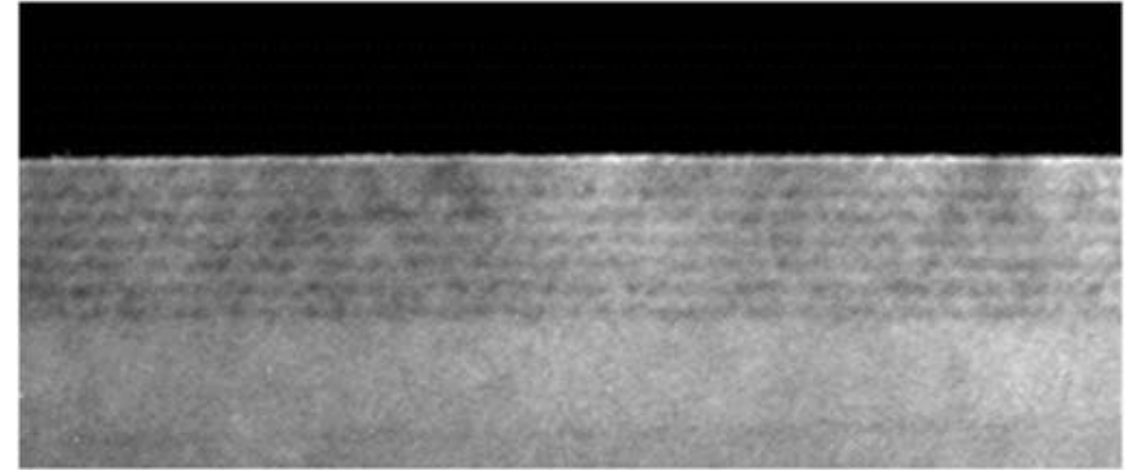
298 Patents Granted and Pending



Core MST Method and Device
MST Enabled Devices/Architecture
Next-Gen Architectures using MST

Discoverable

These distinctive layers are visible on products using MST



Extensive know-how

Extends life and value of patents

Financial Review



	Q3 '20	Q4 '20	Q1 '21	Q2 '21	Q3 '21	Balance Sheet 9/30/21
GAAP Results						
Revenue	\$ -	\$ -	\$0.4M	\$ -	\$ -	Cash \$31.8M
Gross Profit	\$ -	\$ -	\$0.4M	\$ -	\$ -	Debt -
Operating Expense						Shares Outstanding 23.1M
R&D	\$2.0M	\$2.2M	\$2.2M	\$2.1M	\$2.3M	
G&A	\$1.3M	\$1.4M	\$1.5	\$1.5M	\$1.6M	
S&M	\$0.2M	\$0.3M	\$0.3M	\$0.1M	\$0.3M	
Total Operating Expense	\$3.6M	\$3.9M	\$4.0M	\$3.7M	\$4.1M	
Net Loss	(\$3.6M)	(\$3.9M)	(\$3.6M)	(\$3.7M)	(\$4.2M)	
Loss Per Share	(\$0.19)	(\$0.19)	(\$0.16)	(\$0.17)	(\$0.19)	
Reconciliation between GAAP & Non-GAAP						
Net Loss (GAAP)	(\$3.6M)	(\$3.9M)	(\$3.6M)	(\$3.7M)	(\$4.2M)	
Stock-Based Compensation	\$0.8M	\$0.8M	\$0.7M	\$0.8M	\$0.8M	
Other income (expense)*	-	-	-	-	\$0.1M	
Adjusted EBITDA (Non-GAAP)**	(\$2.7M)	(\$3.0M)	(\$2.9M)	(\$2.9M)	(\$3.4M)	

Some figures may not total exactly due to rounding

*Includes depreciation, interest income/expense and provision for income tax

**Adjusted EBITDA is a non-GAAP financial measure. A full reconciliation of GAAP and non-GAAP results is contained in our Q3 press release.

Mission Statement

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





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Thank You