

atomera

Q2 2023 Conference Call

August 2, 2023

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”). 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.

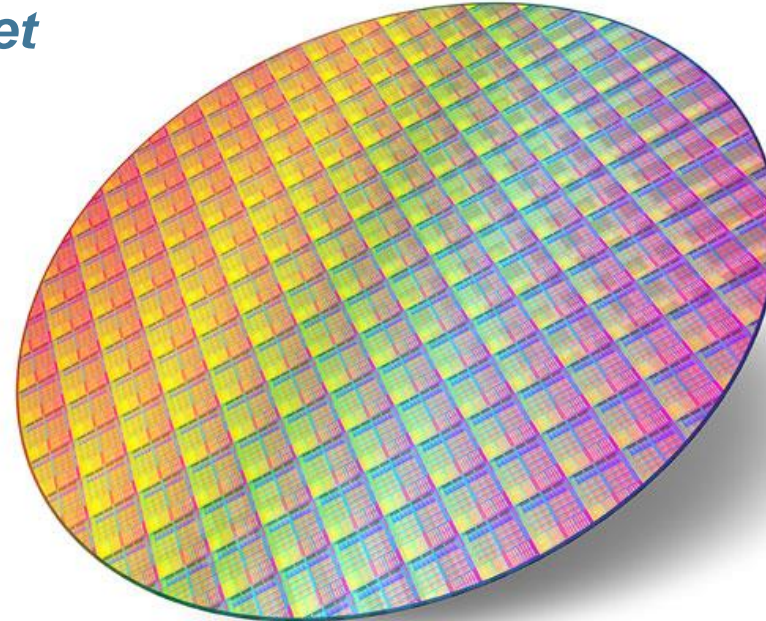
Mears Silicon Technology (MST®)

Quantum Engineered Materials



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

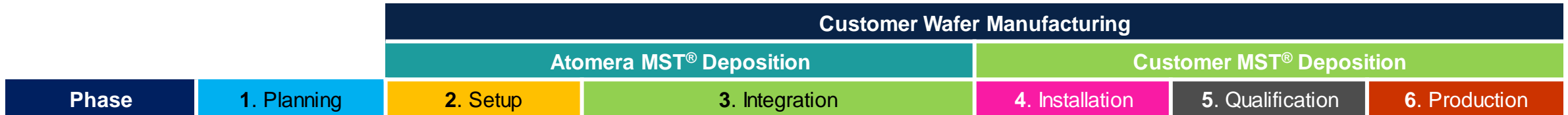
*High Leverage IP
Licensing Business
Model*



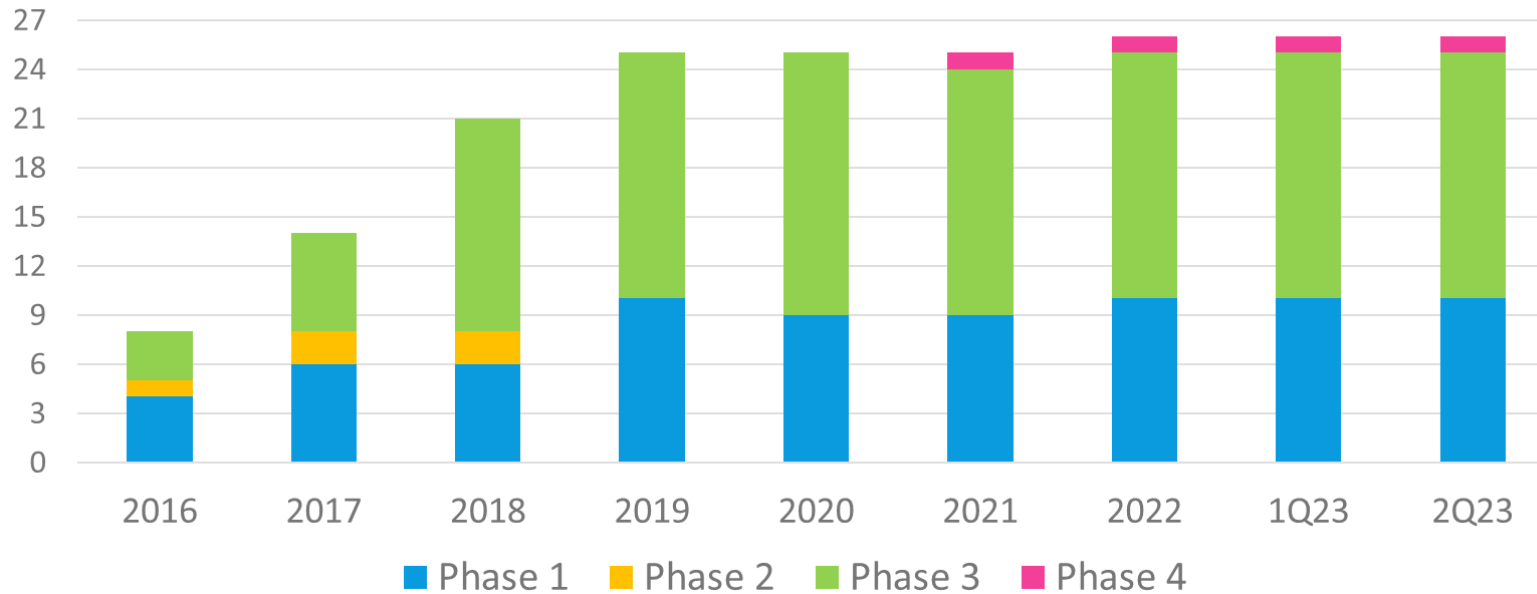
*Top Tier
Management Team*

*Strong, Growing and
Defensible
Patent Portfolio*

Customer Pipeline



Number of Customer Engagements



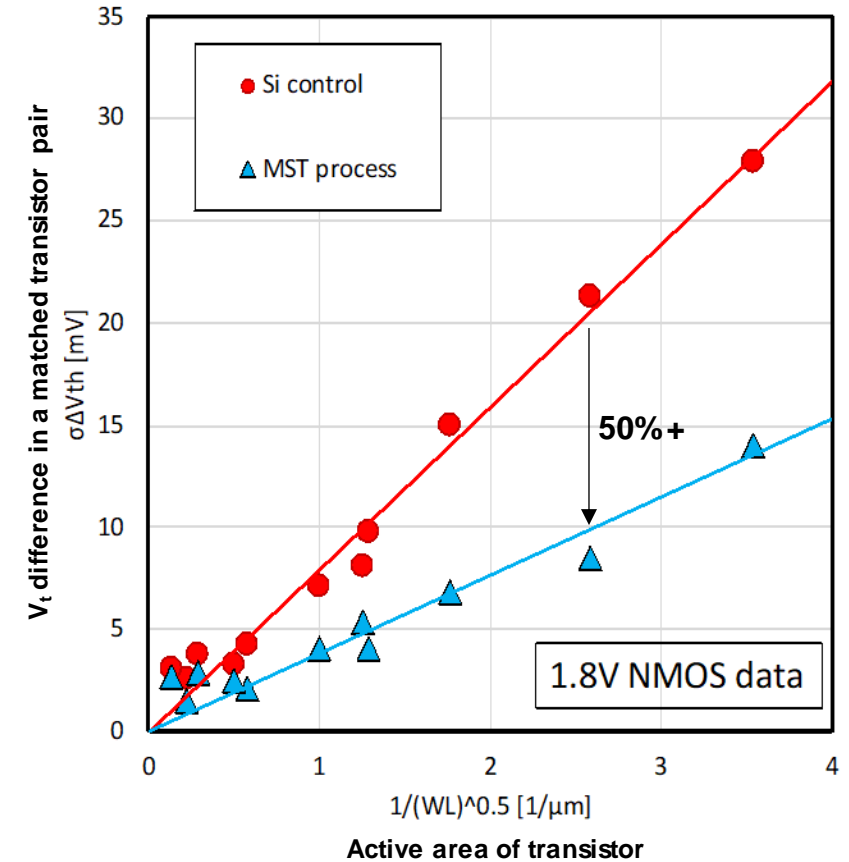
• 10 of the top 20 (IC Insights, McClean Report 2022)

^ End of year engagement count

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

Variability reduction with MST

- ▶ **High variability between transistors is a significant issue**
 - A big driver of variability is Random Dopant Fluctuation (RDF)
 - Some transistors are designed larger to account for variability
 - This increases costs and limits the minimum achievable voltage and power
- ▶ **Advanced GAA transistor need solutions for RDF**
- ▶ **DRAM sense-amp variability is a major design constraint**
 - Sense-amp margin defines refresh interval and resulting power
 - Improving variability allows smaller sense-amp and reduced power
- ▶ **MST can minimize RDF and lower variability, critical in advanced nodes and memories**



Financial Review



Income Statement

(\$ in thousands, except per-share data)

	<i>Three Months Ended</i>		
	<u>June 30, 2023</u>	<u>March 31, 2023</u>	<u>June 30, 2022</u>
REVENUE		\$ -	\$ -
Gross Profit		-	-
OPERATING EXPENSES			
Research & Development	3,192	3,036	2,433
General and Administration	1,775	1,742	1,667
Selling and Marketing	393	389	347
TOTAL OPERATING EXPENSES	5,360	5,167	4,447
OPERATING LOSS	(5,360)	(5,167)	(4,447)
Other Income (Expense)	208	148	(34)
NET LOSS	\$ (5,152)	\$ (5,019)	\$ (4,481)
Net Loss Per Share	\$ (0.21)	\$ (0.21)	\$ (0.20)
Weighted average shares outstanding	24,677	23,660	22,936
ADJUSTED EBITDA (NON-GAAP)	\$ (4,310)	\$ (4,220)	\$ (3,569)
ADJUSTED EBITDA PER SHARE	\$ (0.17)	\$ (0.18)	\$ (0.16)
<u>Balance Sheet Information</u>			
Cash, equivalents & ST investments	\$ 23,835	\$ 17,052	\$ 21,838
Debt		-	-

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