



Investor Day 2026

NEW YORK STOCK EXCHANGE

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Thomas Sonderman

CEO, SKYWATER



IONQ AT SKYWATER, WE MANUFACTURE BY THE LOT

Semiconductor manufacturing has underpinned other compute revolutions. Quantum is now in that phase.

PHYSICS PROBLEMS

FROM LAB

Units of Production: one trap, one system

ENGINEERING PROBLEMS



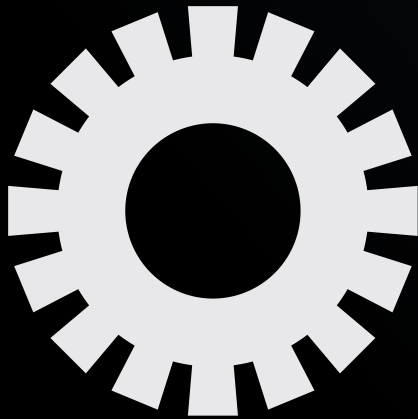
TO FAB

Units of Production: dies per wafer, lots per month



IONQ

QUANTUM INNOVATION REQUIRES SPECIALIZED TECHNOLOGY AS A SERVICE



Quantum
Specialized Design
and R&D



TaaS
Development
in Foundry



Volume
Manufacturing



IONQ

SKYWATER PROVIDES THE UNIQUE CAPABILITIES NEEDED TO SCALE QUANTUM

Conventional Foundry

- Minimal customization
- High-volume

Specialty Foundry

- Moderate customization
- Medium-volume
- Good fit, if they already have what you need



skywater

- Covers entire lab-to-fab spectrum
- High tolerance for customization and complexity
- Rapid prototyping
- Priority hot-lots possible even at low volume
- Advanced packaging in-house (200 & 300 mm)
- Ability to transition seamlessly to volume with domestic fab



IONQ SECURE, DOMESTIC MANUFACTURING IS CRITICAL FOR QUANTUM TECHNOLOGY

**Together, The World's
Only Trusted, U.S.-Based
Quantum Foundry**



Minnesota

**advanced TaaS manufacturing
and CMOS integration**

91,000 sq. ft. cleanroom

DMEA Category 1A Trusted Supplier



Texas

high-volume 200mm foundry

114,000 sq. ft. cleanroom

30,000 sq. ft. probe & test space



Florida

advanced packaging

36,000 sq. ft. cleanroom

DMEA Category 1A Trusted Supplier

Together, IonQ and SkyWater have already delivered:

SPEED

>3x

acceleration in the 256-qubit fab out cycle times

INNOVATION

12x

more wafer lots delivered per 6-month period with SkyWater¹

BREADTH

5

quantum devices being prototyped in parallel²

SCALE

100+

Learning cycles per year expected

These foundational investments accelerate the entire quantum industry

1. As compared to lots delivered in our previous trap fabs

2. Including two quantum computer generations (256-qubit and 10K), quantum networking devices, and low-SWaP optical control technology



IONQ QUANTUM FOUNDRY: DIFFERENTIATED OFFERING READY FOR MARKET NOW



SPEED

Ready for Quantum now

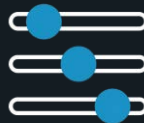
Capacity for quantum wafer services available today

Faster learning cycles

Rapid prototyping and wafer velocity accelerate design, test, and iteration – even at low volumes

Proven operating model

TaaS model for driving process innovation



FLEXIBILITY

Configurable platforms

Process modules and packaging can be tailored within realistic constraints

Customer-controlled IP

Simple and clear IP model to protect customers' freedom-to-operate and competitive differentiation

Development engagements

Customized engagements before committing to development in volume environment



QUANTUM EXPERTISE

Know-your-customer

Decades of quantum semiconductor expertise across superconducting, trapped ion, photonics, advanced packaging, and heterogeneous integration

Experienced team

Dedicated quantum-focused fabrication engineers on every engagement

PHOTO 2

All quantum solutions run through SkyWater



Together, IonQ and SkyWater are building the infrastructure that makes the quantum economy possible



Important Information

FORWARD-LOOKING STATEMENTS AND OTHER INFORMATION

This presentation contains forward-looking statements. All statements other than statements of historical fact are forward-looking statements, including but not limited to statements regarding our guidance for the financial performance of our business and certain of its components, our quantum computing roadmap including expected changes in the cost per qubit, the scaling of our manufacturing and operations including potential acceleration with SkyWater, the timeline to breaking encryption, expectations surrounding the future of the global quantum market, our competitive position, and the applications of our technology. In some cases, you can identify forward-looking statements because they contain certain words such as “anticipate,” “believe,” “close,” “confident,” “continue,” “could,” “estimate,” “expect,” “intend,” “may,” “plan,” “potential,” “predict,” “project,” “should,” “will,” “would” or the negative of these words or other similar terms or expressions. Forward-looking statements are subject to various risks and uncertainties. Accordingly, there are important factors that could cause actual outcomes or results to differ materially from those indicated in these statements. Moreover, new risks and uncertainties emerge from time to time, and it is not possible for us to predict all risks and uncertainties that could have an impact on the forward-looking statements contained in this presentation. The results, events and circumstances reflected in the forward-looking statements made herein may not be achieved or occur, and actual results, events or circumstances could differ materially from those described in the forward-looking statements. Given these risks and uncertainties, you are cautioned not to place undue reliance on any forward-looking statements. For additional information on these and other factors that could cause our actual results to differ materially from those set forth in the forward-looking statements contained in this presentation, please see our Annual Report on Form 10-K for the year ended December 31, 2025 and our Quarterly Report on Form 10-Q for the quarter ended June 30, 2026 filed with the Securities and Exchange Commission. All information contained herein speaks only as of the date of this presentation, except where otherwise stated. Except as required by law, we undertake no duty to update or revise the information contained herein, publicly or otherwise, including any forward-looking statements.

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