Micron
Semiconductor
Fab Project
Clay, New York

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Sr. Manager, External Affairs







# Transforming how the world uses information to enrich life *for all*

- Engaged team members
- Leading edge products
- Responsible operations

Broad memory and storage product portfolio enabling AI, 5G, autonomous and IoT

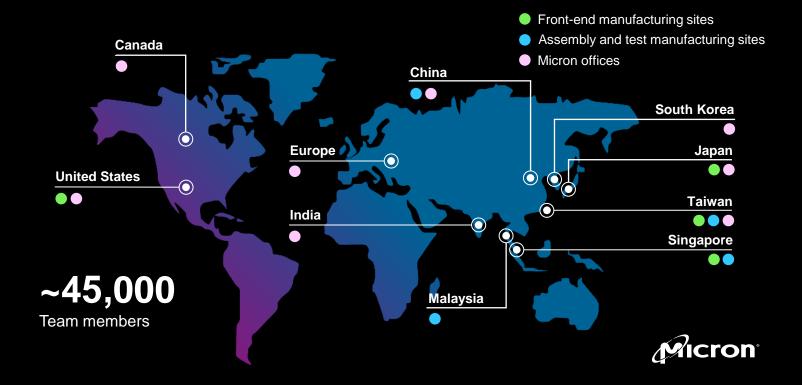
Founded on October 5, 1978

Headquartered in Boise, Idaho, USA

15.5B

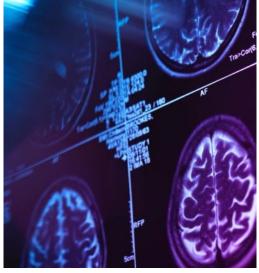
Fiscal Year 2023 revenue

One of the largest semiconductor company in the world



# New Wave of Innovation Will Transform Multiple Industries Over the Next Decade











#### **Mobility**

- Connected smart vehicles
- Fully autonomous driving

#### **Health Care**

- Remote health monitoring and early prognosis
- Remote operations and IoT in hospitals

#### **Media and entertainment**

- Immersive media, AR/VR, ubiquitous live streaming
- Al-enabled user content generation

#### **Agriculture**

- Robotics, drones, satellite and soil sensors
- End-to-end traceability for food safety and spoilage

#### Industrial

- Cloud control of machines
- Augmented reality, Video analytics

# Technology innovation unlocks the data economy



Al

Disruptive end-to-end workload innovation

5G

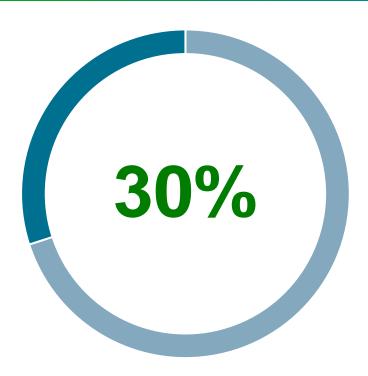
Foundation for high-performance connectivity

## **New York Fab Investment**

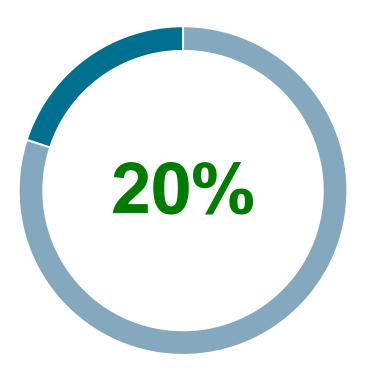
- 4 fabs totaling 2.4M sq. ft of cleanroom space planned and over \$100B investment over the next 20+ years
- New fab for leading-edge memory manufacturing
- Approximately 9,000 Micron jobs and over 40,000 community jobs
- Construction start in CY24 with production ramping in the second half of the decade
- On-site Childcare Facility



### DIVERSE BUSINESS CONTRACTING AND UTILIZATION



Of eligible construction spend from eligible categories with SEDI contractors; priority to NYS Certified M/WBEs and SDVOBs



Of eligible operating spend with diverse suppliers (SEDI entities); priority to NYS Certified M/WBEs and SDVOBs

# Diversity goals or reporting required

From applicable Tier 1 and Tier 2 suppliers

# **Investing in Community**

- Micron and the state of New York announced a historic \$500 million investment in the community over the duration of the project.
- Micron will invest \$250 million in the Green CHIPS Community Investment Fund working with community partners.
- An additional \$250 million is expected to be invested, with \$100 million from New York and \$150 million from local, other state and national partners.
- Microncec.org



# **Workforce Development**

### Future-Ready Workforce Innovation Consortium (nontraditional pathways)

 Members include K-12 institutions, labor unions, community colleges and other workforce development organizations.

#### Northeast University Semiconductor Network

 Members include 4-year research institutions across New York, Massachusetts, Pennsylvania and Virginia.



# Micron's commitment and progress

- Current achievement
- Next milestone
- Aspirational goal

#### **Emissions**

reduction in GHG emissions per unit of production from CY18 achieved in CY22

absolute reduction in
Scope 1 emissions by
CY30 from CY20 baseline



Scope 1 and 2 emissions by CY50

**Energy** (purchased electricity)

100%

renewables in Malaysia achieved in CY22

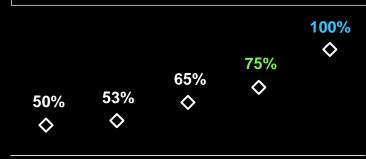
100%

renewables in United States by CY25

100%

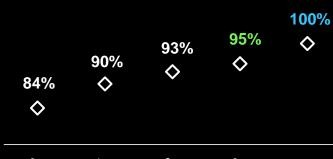
renewables globally, where available

Water (reuse, recycle, restore)





Waste (reuse, recycle, recovery)







## **Environmental Review Timeline**

