

Micron Taiwan - DEG

Accelerating the transformation of information to intelligence



Intelligence
Accelerated™

Content

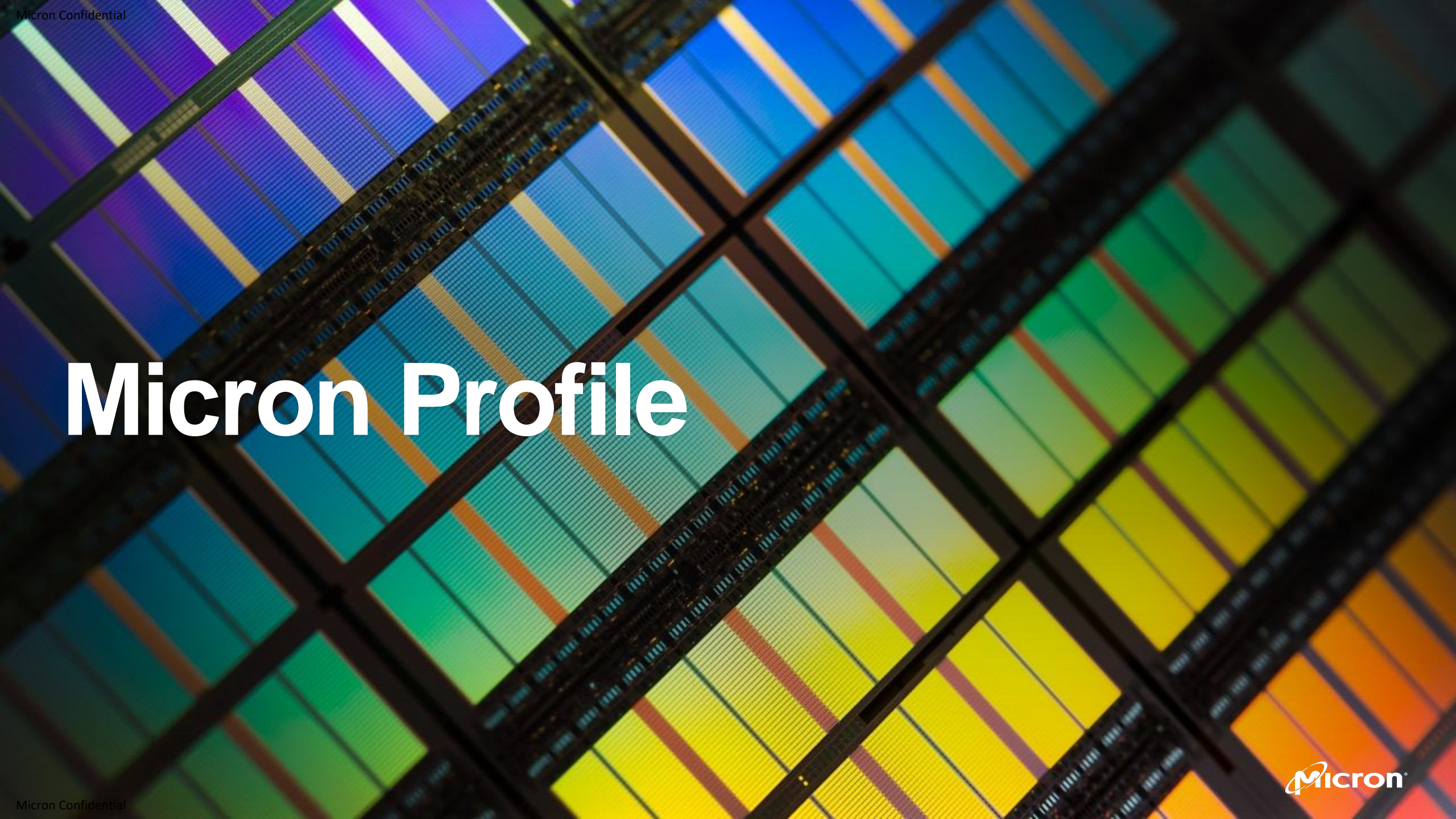
Micron Introduction

- Micron Profile
- Why Join Micron

DEG Introduction

- Working in DEG
- Job Opportunities - DRAM Product Engineer
- DRAM Product Engineer Partnerships





Micron Profile

Micron in Taiwan



TAIPEI
Started in 1994



TAOYUAN
Started in 2003



TAICHUNG
Started in 2006



HSINCHU
Started in 2020

~30

Years in Taiwan

10,000+

Team members

EUV

In A3 fab

HBM

R&D and Manufacturing

34%

Diversity employees

DRAM Center of Excellence

1γ advanced pilot line corridor

Assembly & Test factory

DRAM Mega Fabs

Advanced Packaging / High Bandwidth Memory

Product Engineering

Customer Labs

1α

Currently only in Taiwan

1β

2023 Taiwan & Japan

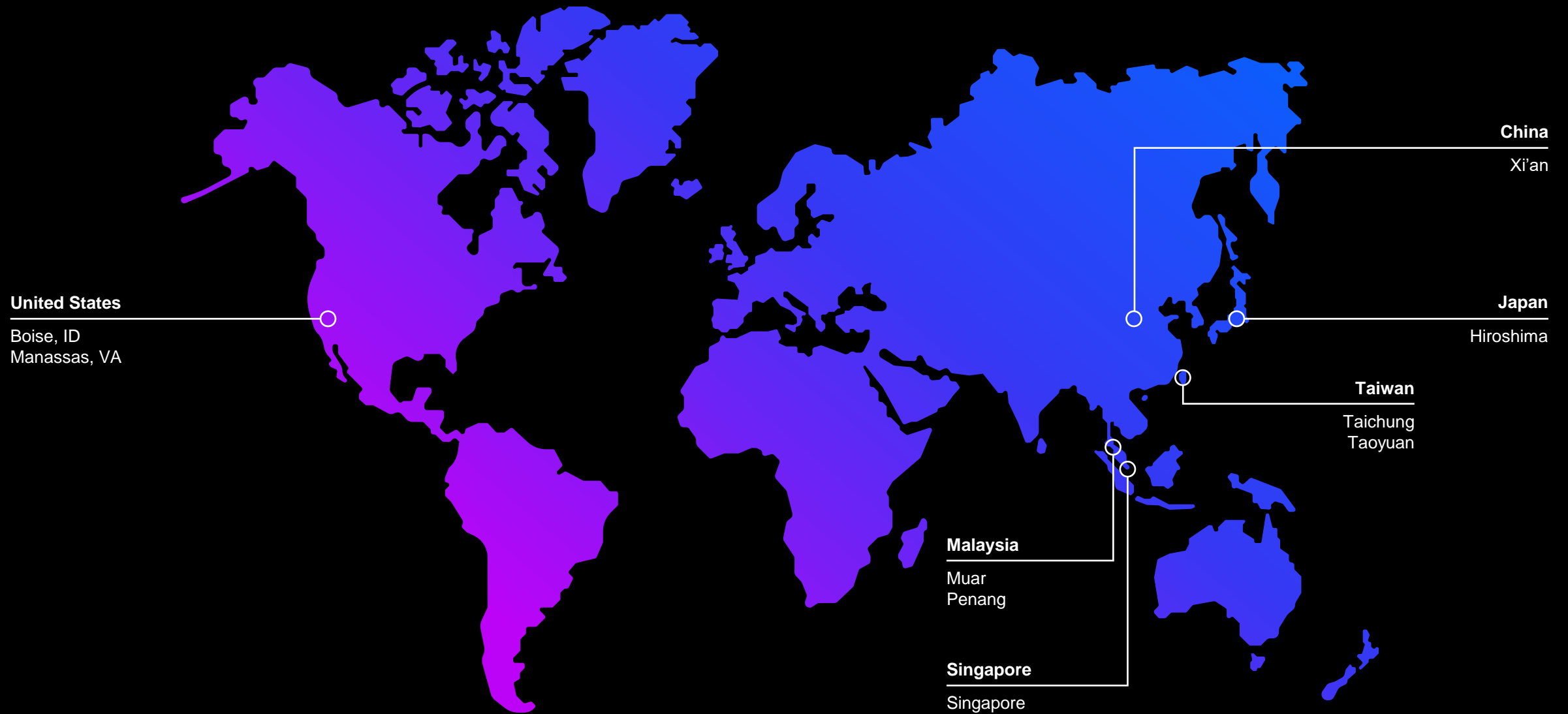
1γ □

2025 with EUV

7,500+

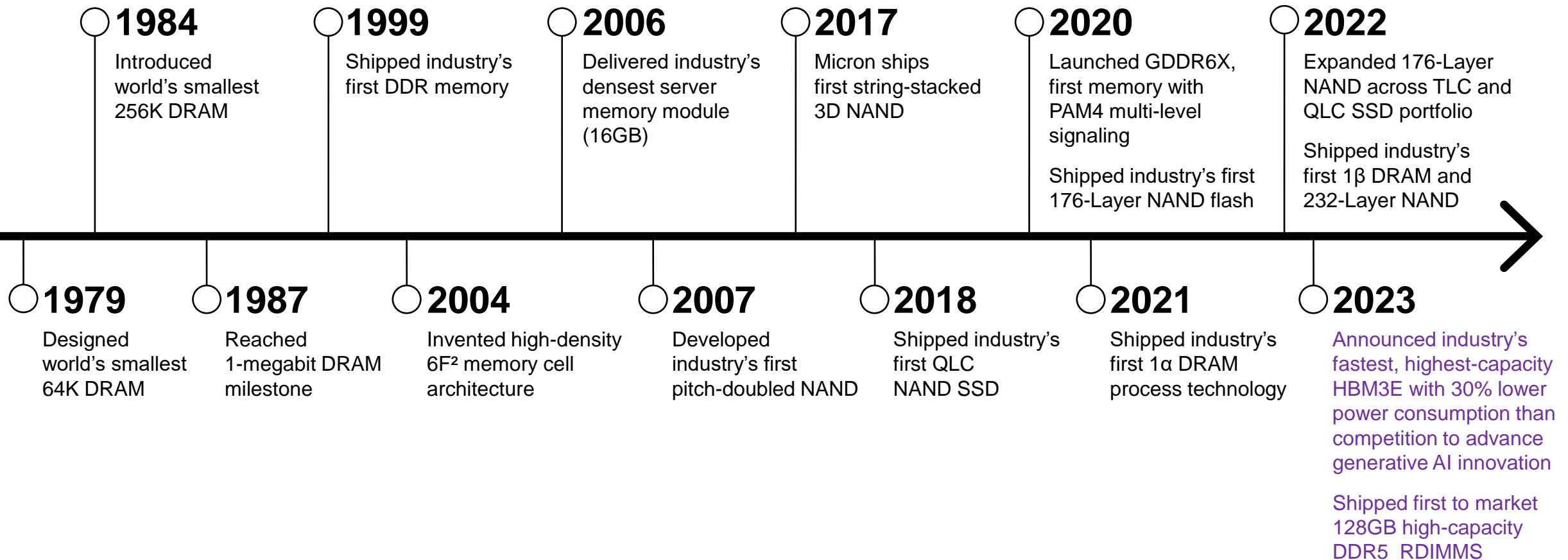
Team members participated volunteering activities in CY22

Our Manufacturing Sites



Micron innovation: industry-leading memory and storage

45+ years | 55,500+ patents



Why Join Micron



Micron Taiwan – A Growing Company

Taiwan is an important production base for Micron DRAM, and Micron also continues to invest in Taiwan.

Micron's Taiwan sites include sales and technical support in Taipei, along with two state-of-the-art fabrication facilities in Taichung and Taoyuan and a back-end facility in Taichung. Together the Taichung and Taoyuan sites make up the company's High-Volume DRAM Center of Excellence.

台灣唯美光DRAM重要生產據點，總部亦持續在台灣投資。美光科技在台灣工廠包括位於台北的銷售和技術協助，以及位於台中和桃園的兩個最先進的製造工廠，以及位於台中的後端工廠。台中和桃園工廠共同構成了該公司的大容量 DRAM 卓越中心。



Micron Taiwan – Great Place to work

Culture



倡導多元平等包容的 DEI 文化

Diversity, Equity, Inclusion Culture

- 1) 美光基金會在台透過 Girls Going Tech 活動積極鼓勵女性青年學子投身科技業，自 2018年起 足跡遍布北/中台灣主要女高校，與學生分享美光女性科技人的職涯發展歷程
- 2) 設ERG員工資源團體，包含: Capable, Micron Women's Leadership Network (MWLN), Micron Young Professionals (MYP), PRIDE+Allies, Mosaic

以人為本 People oriented

- 1) Work-Life balance
- 2) 混和辦公 WFH 1 day per week
- 3) 彈性上下班 Flexible work time
- 4) 80小時帶薪病假 80 hours paid leave

Career and Development



新人夥伴制度

Launch Buddy

職涯導師計畫

Mentor Program

進修教育計畫

Academic Advancement Program

美光大學 - 線上課程

Micron University - e-learning Portal

內部多元發展職涯機會

Internal Job Application Programs

Pay and Incentives



Competitive pay in the industry

半導體業具有競爭力的薪資

Incentive Pay Plan

年度績效獎金

Employee Stock Purchase Plan

ESPP 員工購股計畫



DRAM Engineering Group - DEG

1. Working in DEG
2. Job Opportunities - DRAM Product Engineer
3. DRAM Product Engineer Partnerships



Working in DEG

Overall Taiwan PE Team Mission and Vision

Vision:

Establishing execution excellence throughout the life of our DRAM products

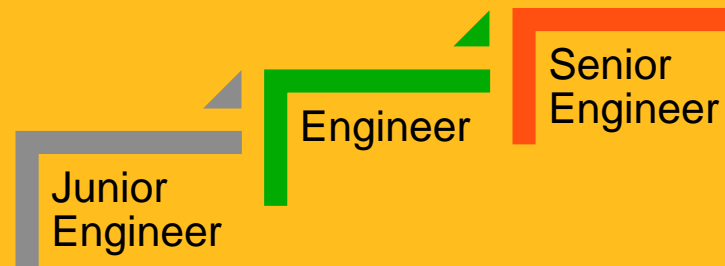
Mission:

1. Be the center of excellence for high volume DRAM with the advantage of proximity to Micron manufacturing base
2. Focus on ramping and sustaining yield and quality to deliver DRAM product at the quickest turnaround time

Training Program (30d-60d-90d)

1. First 30 Days: Orientation and Foundation Building
2. 30 - 60 Days: Skill Development and Integration
3. 60 - 90 Days: Autonomy and On-the-Job Training

Career Path (1y-3y-5y)



Who we are looking for..

1. Exceptional English communication skills
2. Embrace the opportunity to collaborate with different countries and departments
3. Learned DRAM, Digital Design, Circuit, VLSI, or Programming
4. Creative problem-solving

Job Opportunities - DRAM Product Engineer

Product Engineering Team

Validation Team

主要負責新產品，跑電路模擬測試找出並解決DRAM defect

Mainly responsible for new products, circuit simulation to find and solve DRAM defects

Media Health Team

Yield Improvement

量產品失效分析及解決、產量和品質控制

Product failure analysis and resolution, Production and quality control

DFT

針對自動測試機台所需的測試流程及程式做開發

Test process development

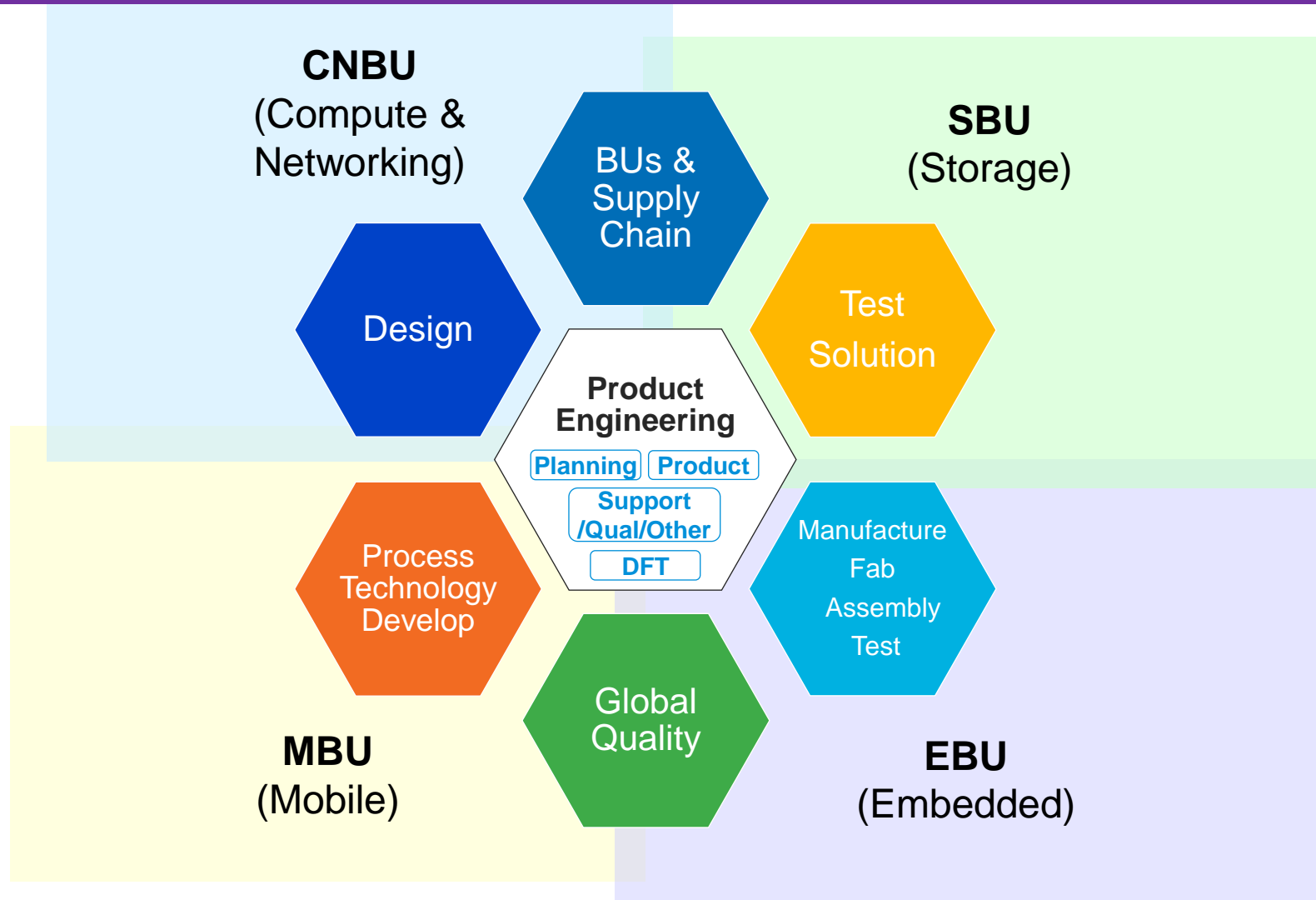
Customer Enablement

System Engineer

系統驗證，如system level debug, 示波器/邏輯分析儀操作

System verification, such as system level debug, oscilloscope/logic analyzer operation

DRAM Product Engineer Partnerships



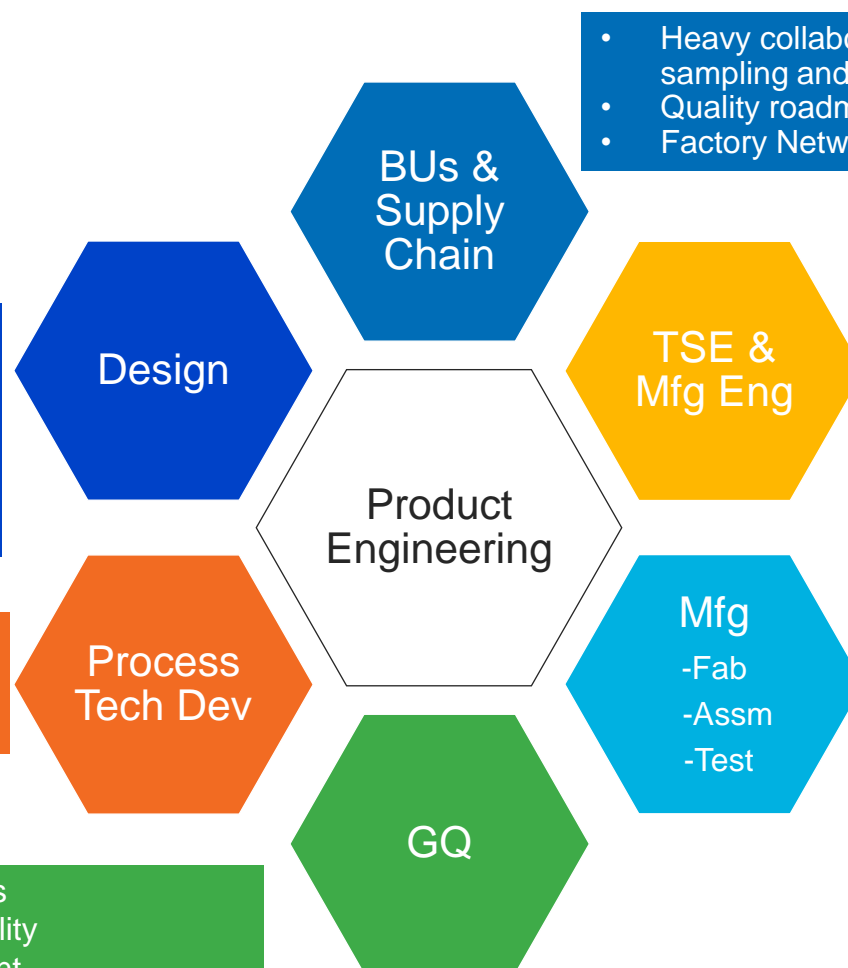
Product Engineer Partnerships - Functions

Acronyms	
BU	Business Unit
GQ	Global Quality
RMA	Return Material Authorization
TD	Technology Development

- Simulate, characterize and validate circuit behavior
- Collaborate on debug and design fixes for performance issues
- Determine if fails are process-related or design-related

- Specific teams working with TD
- Heavy alpha design and process engagement
- Transfer assistance and leadership to Mfg fab(s)

- Collaboration on Product quals
- Partnerships for customer quality
- Manufacturing quality alignment
- RMA or customer return support



- Heavy collaboration on time to market, customer sampling and product readiness
- Quality roadmap partnership
- Factory Network guidance

- Collaboration on Test flow definitions
- TTR roadmaps
- Ongoing test coverage and SPC partnerships

- Backend yield analysis and EFA support for SWRs, conversion and deviation
- SPC/SBL collaboration and Dispo recommendation for Excursions, Conversions, QAWRs with MQA and Site quality team
- IE help to prioritize critical lots

Acronyms	
Assm	Assembly
EFA	Electrical Failure Analysis
IE	Industrial Engineer
Mfg	Manufacturing Group
MQA	Manufacturing Quality Assurance
QAWR	Quality Assurance Work Report
SBL	Statistical Bin Limits
SPC	Statistical Process Control
SWR	Special Work Request
TTR	Test Time Reduction



2023 Mid-autumn Festival BBQ



2022 Year-end Party



Basketball club



2023 Year-end Party

Vibrancy and Fun in DEG



Volunteering