

Samsung Foundry

Investor Presentation

2025

CONTENTS

BUSINESS UPDATE

FOUNDRIY MARKET OPPORTUNITIES

SAMSUNG FOUNDRIY STRATEGY

KEY TAKEAWAYS

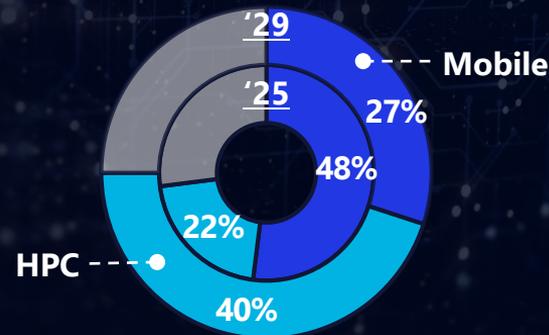
Financial Highlights

Revenue is growing continuously and Application portfolio is diversifying

Revenue Growths



Balanced Applications Portfolio



Business Milestones

Foundry
Business
Start

S1-Line Construction



2005

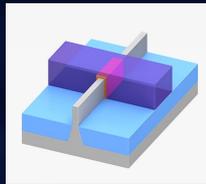
Foundry 1st
HKMG
* High-K Metal Gate
Mass
Production

S2-Line Ramp up



2010

Foundry 1st
FinFET
Mass
Production



2015

Spin-off into
Independent
Business Unit



2017

Industry 1st
7nm EUV
Production
Start

S3-Line Ramp up



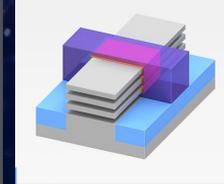
2018

S5 Line
Production
Start



2021

World 1st
GAA
3nm
Production



2022

Global Manufacturing Sites

 Korea

 U.S.

Korea

U.S.



Giheung

Giheung, Korea



Hwaseong

Hwaseong, Korea



Pyeongtaek

Pyeongtaek, Korea



Austin

Texas, USA



Taylor

Texas, USA

CONTENTS

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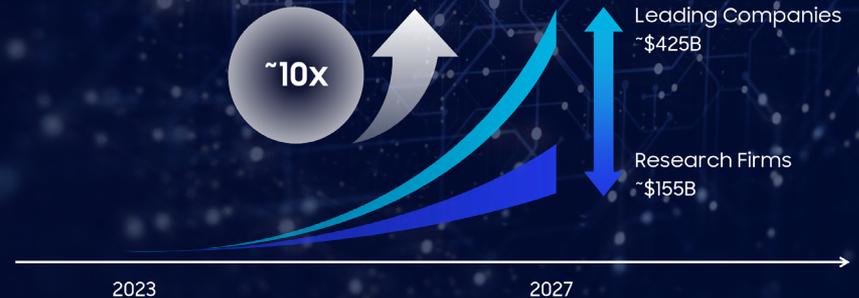
KEY TAKEAWAYS

Smart and Connected World

AI is changing how we live, work, and connect
 Foundry will be a pathfinder in realizing unforeseen technology



AI Semiconductor Market Consensus: accelerating



* Source : Omdia, Gartner, Deutsche Bank

Computing Trends/Paradigm Shifts

AI and accelerated computing evolve at a rapid pace



Key trends in AI and accelerated computing



Generative AI
Multimodality

The core of AI Wave
from Text to Video



Government-led AI
Data sovereignty

Government driving AI
for national edge



Green AI

Sustainable growth

Environmental movement
opposing AI demand surge

CONTENTS

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KEY TAKEAWAYS

Business Overview

5/4/3/2nm

High Performance IPs

Design Methodology for HPC/AI

Advanced PKG (3D, 2.5D, 2.3D -

Chiplet)



HPC/AI



Mobile / 5G

14/8/5/4/3/2nm

Critical IPs for Mobile/5G

Mobile Design Methodology

Samsung Foundry Total Design Platform

Automotive

14/8/5/4/2nm and 130nm (8")

Automotive-Qualified IPs

Design for ISO 26262/AEC-Q100

Automotive Service Package (ASP)



IoT

14/8/5/4nm

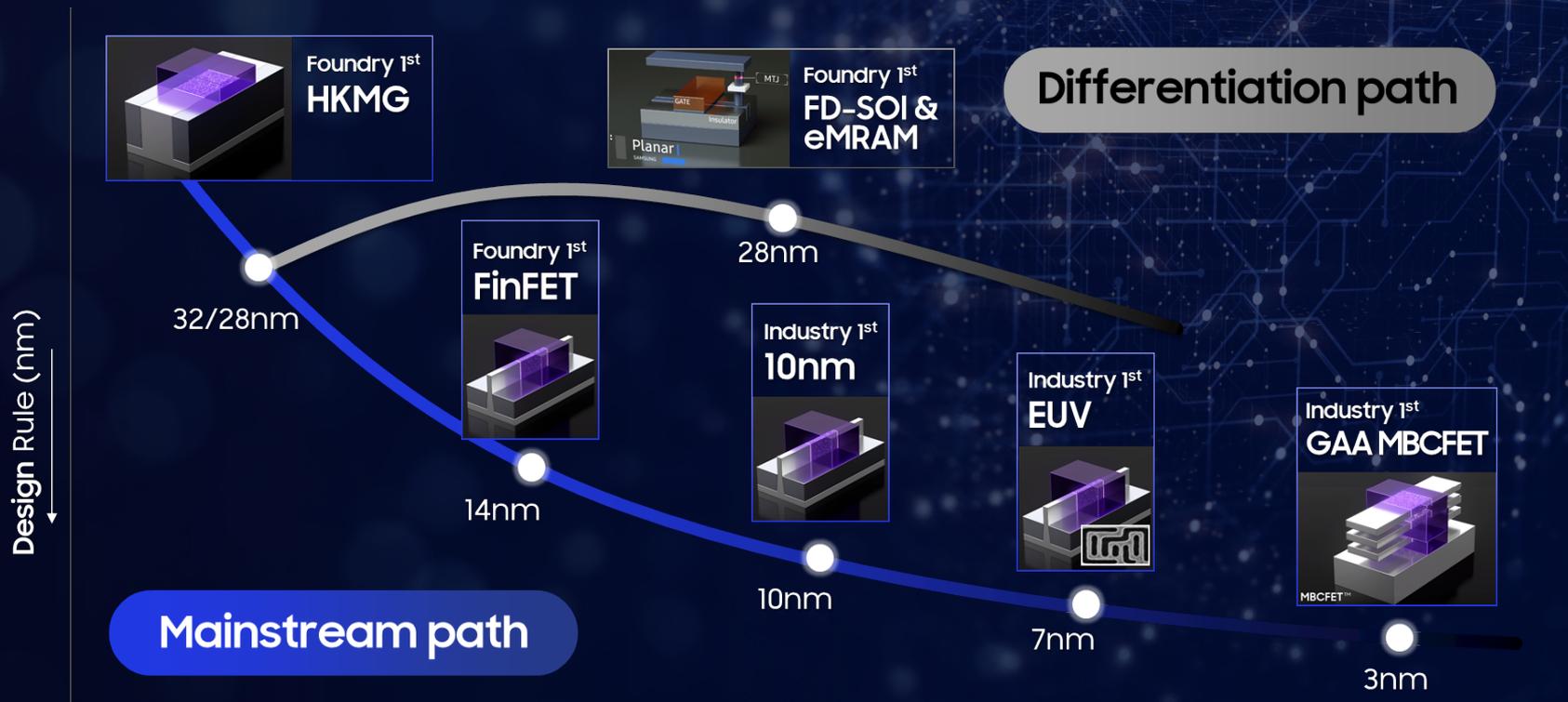
Critical IPs for IoT

Ultra Low Voltage Design Methodology

Cost & Form-factor Optimization



Technical Leadership



Specialty Value-Added Offerings

Portfolio Expansion from eMRAM, eFlash, Power IC,
DDI, CIS, RF to Power-discrete

Technologies extensively optimized through many years of product manufacturing

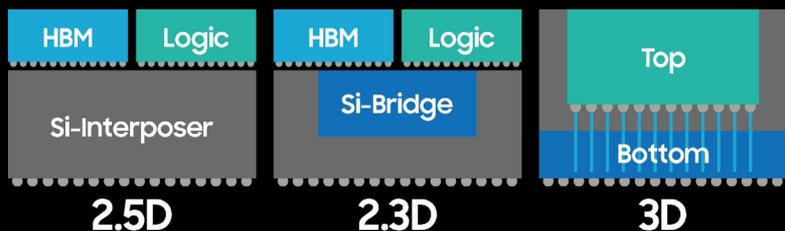


Multi-Die Integration Alliance for 2.xD/3D Solution

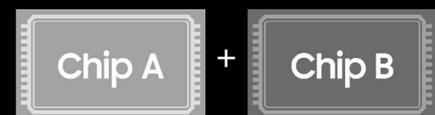
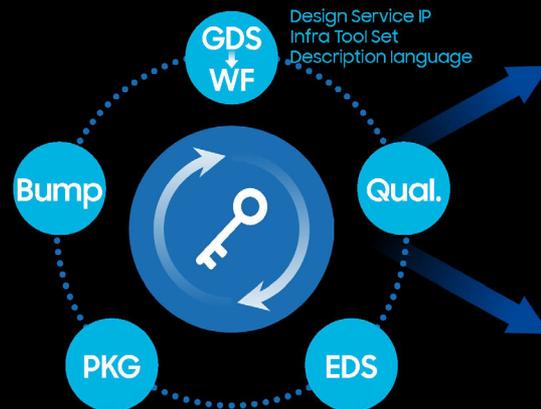
Multi-Die Integration Alliance

One-stop Turn-key

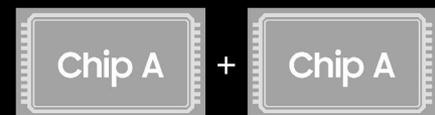
Customer Innovation



Standard



Heterogeneous Integration



Homogeneous Integration



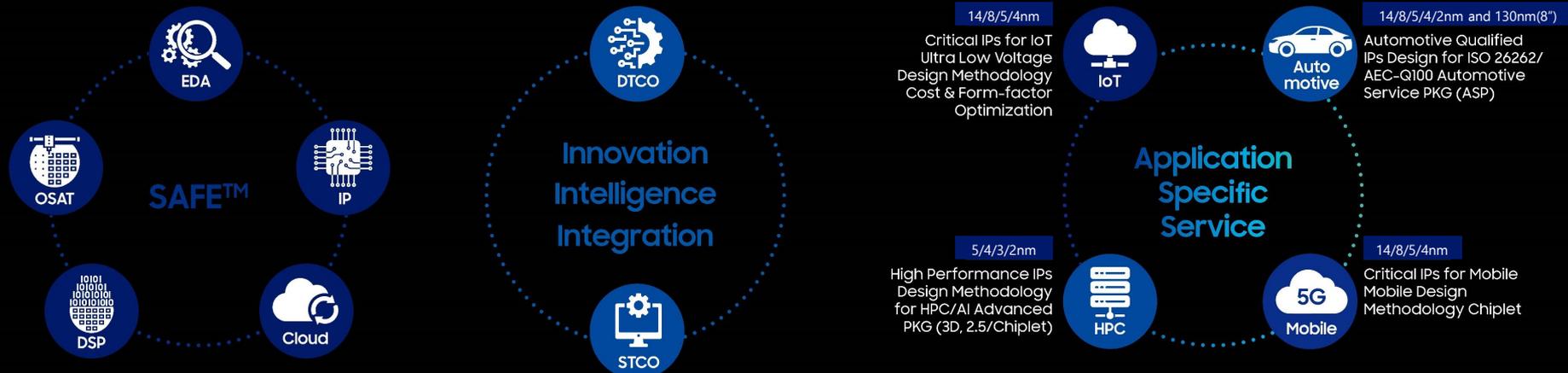
Foundry Design Ecosystem

Total Design Platform

Collaboration

Optimization

Realization



CONTENTS

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KEY TAKEAWAYS

Key Takeaways

Higher foundry opportunities in digital transformation era

Aggressive investment including expansion of global operation

Maintain firm leadership in technology, operation, and service

Enable faster time to market and growing together with customer

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