

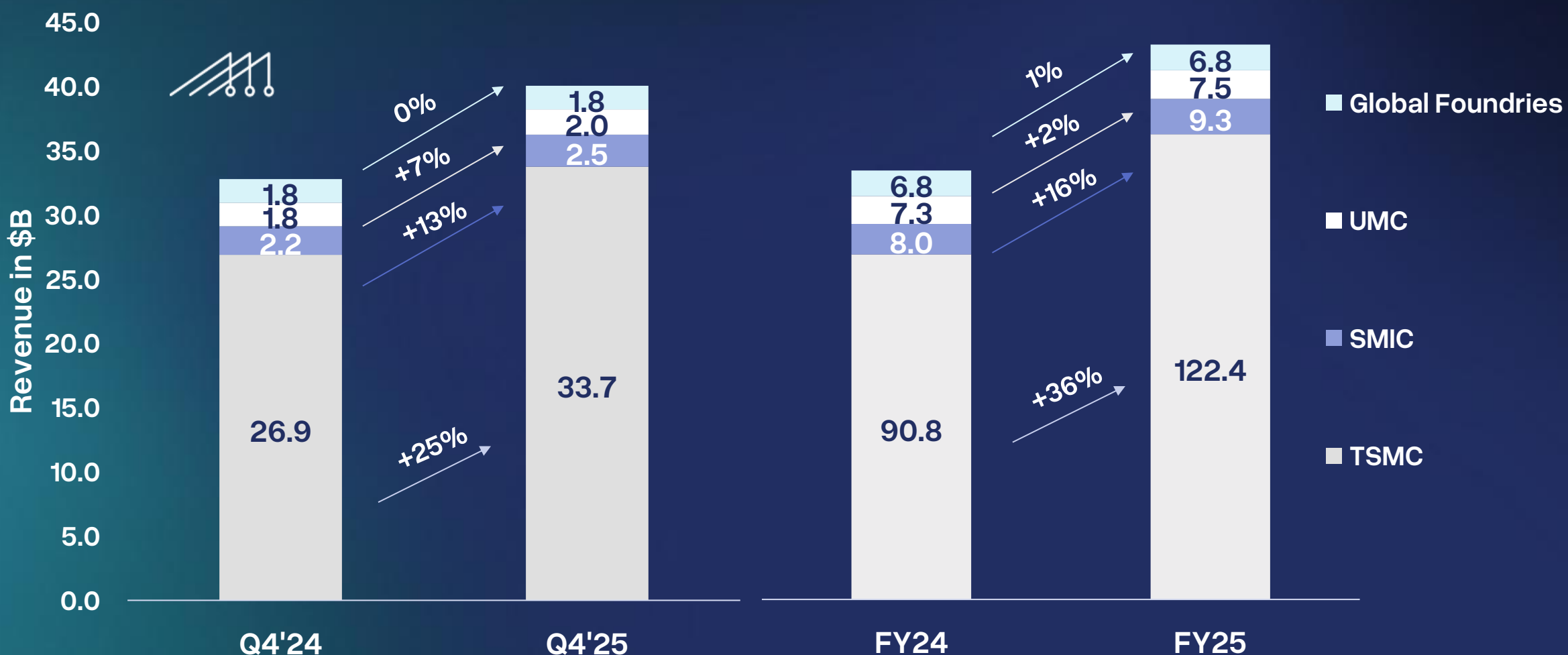
The 1-Minute Brief

Q4'25 & FY25 Top Semiconductor Foundries Market Performance & Outlook

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Key Semiconductor Foundries: Revenue Breakdown (FY25 YoY Performance)

Key Semi Foundries	Comments
TSMC	<ul style="list-style-type: none"> FY25 revenue growth driven by strong cutting-edge technology demand. Advanced technologies, including 3-nm and 5-nm processes, accounted for 74% of total wafer revenue Gross margin (+3.8 bps YoY) improved by higher utilization and favorable FX
SMIC	<ul style="list-style-type: none"> Record FY25 revenue driven by demand from domestic customers and China semiconductor localization. Gross margin up by 3% YoY 12-inch and 8-inch wafers gained double-digit YoY growth
UMC	<ul style="list-style-type: none"> Delivered moderate growth in FY25 despite mixed semiconductor demand 22nm (+31% QoQ) and 28nm process nodes together contributed 36% of Q4'25 revenue
Global Foundries	<ul style="list-style-type: none"> Revenue growth is modest, but secured 500 design wins (95% sole-source) in FY25 and gross margin increased by +80bps YoY Achieved double-digit YoY growth in the comms infra and data center end market for the fifth consecutive quarter in Q4'25



Key Foundries Performance by Segment (YoY)


- **Automotive:** Strong double-digit growth, driven by demand for power management ICs and ADAS chips. Mature nodes (28nm/40nm) were heavily utilized
- **Communications:** Strong growth driven by 5G base stations, ASICs, optical networking chips
- **Computing:** TSMC led by AI accelerators and server CPUs at advanced nodes (3nm/5nm), while SMIC and UMC lags behind by PC and traditional computing
- **Consumer Electronics:** Growth led by China-focused foundries due to local consumer demand
- **IoT:** Industrial and consumer IoT still facing inventory correction and slow enterprise spending
- **Mobile Devices:** Premium smartphones grew strongly, while mid/low-end devices declined
- **Others:** Strong growth from mixed signal, specialty chips, defense, industrial, and custom ASICs

Q4'25 YoY Performance	TSMC	SMIC	UMC	Global Foundries
Automotive	57%	68%		3%
Communications			15%	32%
Computing	30%	-30%	-1%	
Consumer Electronics	25%	33%	3%	
IoT	25%	-2%		-15%
Mobile Devices	15%	0%		-11%
Others	25%		1%	42%

■ Strong (More than +20%)
 ■ Moderate (+6% to +20%)
 ■ Stable (0% to +5%)
 ■ Decline (negative)

Note: Category definitions vary by company – for example, SMIC merges Industrial and Automotive, GlobalFoundries groups IoT and Communications differently, UMC reports Communication broadly, and TSMC separates High Performance Computing, while others combine Computer categories.

Outlook

Foundry	Q1'26 Outlook		Outlook Highlights 
	QoQ	YoY	
TSMC	+4.4% ↑	+37.9% ↑	<ul style="list-style-type: none"> 2026 full-year revenue expected to grow close to 30% YoY in USD terms 2024–2029 revenue CAGR to approach 25% in USD terms
SMIC	Flat	–	<ul style="list-style-type: none"> 2026 revenue growth is expected to be higher than industry average in the same markets
UMC	–	–	<ul style="list-style-type: none"> Expects Q1'26 wafer shipments to be flat QoQ Expects growth in 2026 driven by 22-nm platform, AI Edge devices, specialty technology leadership, advanced packaging and silicon photonics
Global Foundries	-11.2% ↓	+2.5% ↑	–



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