Technology Differentiation

Product Platformization

Customer Globalization

Supplemental Investor Presentation
Earnings Release – Second Quarter 2026

August 7, 2026

ACM PLANETARY FAMILY

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Market Data. Information presented below concerning ACM's total addressable market presents a forecast based on information provided by Frost & Sullivan in its report "Global and China Semiconductor Equipment Market Research (June 2026)". You are cautioned not to rely on or give undue weight to this information. The Frost & Sullivan report represents research opinions or viewpoints that are prepared by Frost & Sullivan and are not representations of fact. The Frost & Sullivan report speaks as of the date of the report (and not as of the date of this presentation), and the opinions expressed in the Frost & Sullivan report are subject to change without notice. While ACM is not aware of any misstatements regarding the information provided in the Frost & Sullivan report, it has not independently verified the accuracy or completeness of that information, which involves numerous assumptions and is subject to risks and uncertainties, as well as change based on various factors, that could cause results to differ materially from the forecast presented. The industry in which ACM operates is subject to a high degree of uncertainty and risk due to variety of factors, including those described in ACM Research, Inc.'s public filings with the SEC, as described above.

Note Regarding Presentation of Non-GAAP Financial Measures. Information presented below under "Q2 2026 Summary" and "Q2 2026 Financial Results" include certain "non-GAAP financial measures" as defined in Regulation G under the Securities Exchange Act of 1934, including non-GAAP gross margin, non-GAAP operating income, non-GAAP basic and diluted EPS, and non-GAAP gross profit. These supplemental measures exclude the effect of stock-based compensation and unrealized gain or loss on short term investments, which ACM does not believe are indicative of its core operating results. A reconciliation of each non-GAAP financial measure to the most directly comparable GAAP financial measure is included under "Q2 2026 GAAP to Non-GAAP Reconciliation" below as well as in ACM's second quarter 2026 earnings release dated August 7, 2026, which (a) has been furnished to the SEC and can be viewed at https://www.sec.gov/Archives/edgar/data/1680062/000162828026054581/acmr-20260807.htm and (b) has been posted at, and can be downloaded from, the "Investors" content area at ACM's website, https://ir.acmr.com/news-releases/news-release-details/acm-research-reports-second-quarter-2026-results.

Company References. As used in this presentation, "ACM Shanghai" refers to ACM Research (Shanghai), Inc. and "ACM" refers to ACM Research, Inc. and its subsidiaries, including ACM Shanghai.

Q2 2026 Summary

Q2 2026 Financial Results

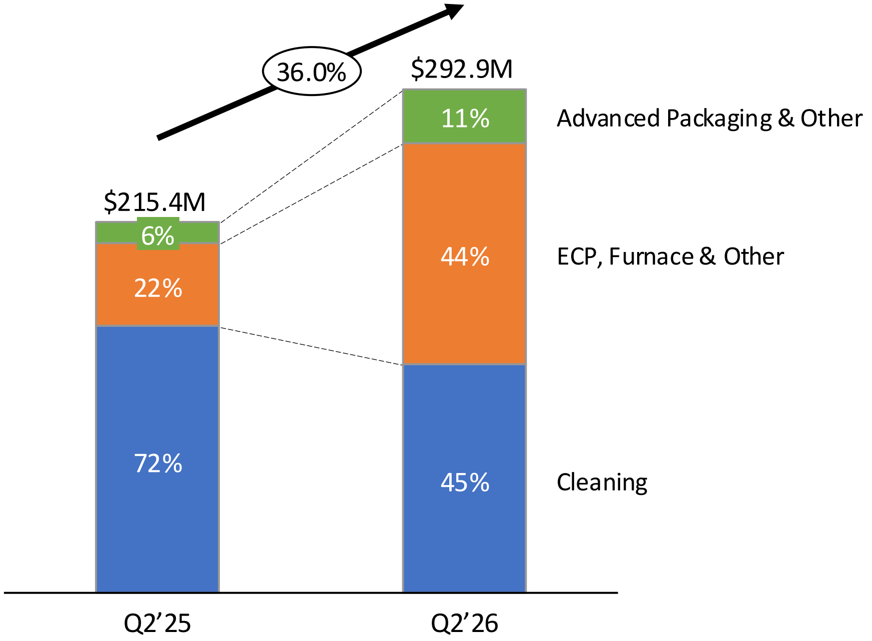
- $292.9 million revenue (up 36.0% y/y); total shipments of $281.5 million (up 36.4% y/y)
- 46.0% GAAP gross margin (versus 48.5% in Q2 2025)
- 46.0% non-GAAP gross margin (versus 48.7% in Q2 2025)
- $49.7 million GAAP operating income (up 56.9% y/y; 17.0% of revenue)
- $56.3 million non-GAAP operating income (up 35.8% y/y; 19.2% of revenue)
- $1.23 diluted GAAP earnings per share (versus $0.44 in Q2 2025)
- $0.61 diluted non-GAAP earnings per share (versus $0.55 in Q2 2025)

Key Operational Updates

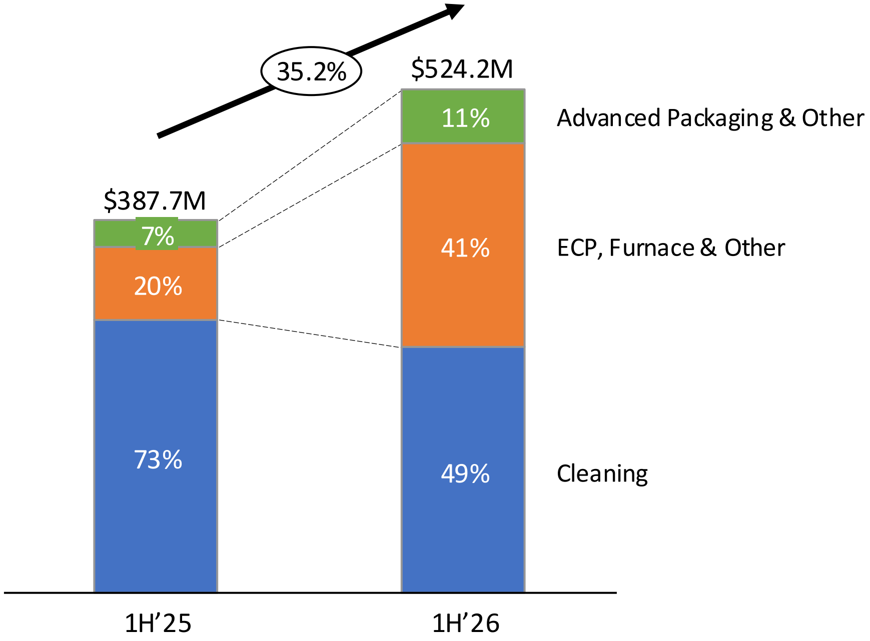
- Announced shipment of the 2,000th electroplating chamber
- Expansion of the Ultra C Tahoe wet processing platform
- Received one production order (510 × 515 mm) and one evaluation order (310 × 310 mm) for Ultra ECP ap-p
- Presented proprietary high-temperature SPM cleaning technology at SPCC 2026
- Oregon operation planned for opening in Q4 2026

Q2 and YTD Revenue Detail

Revenue by Product: Q2'25 vs Q2'26



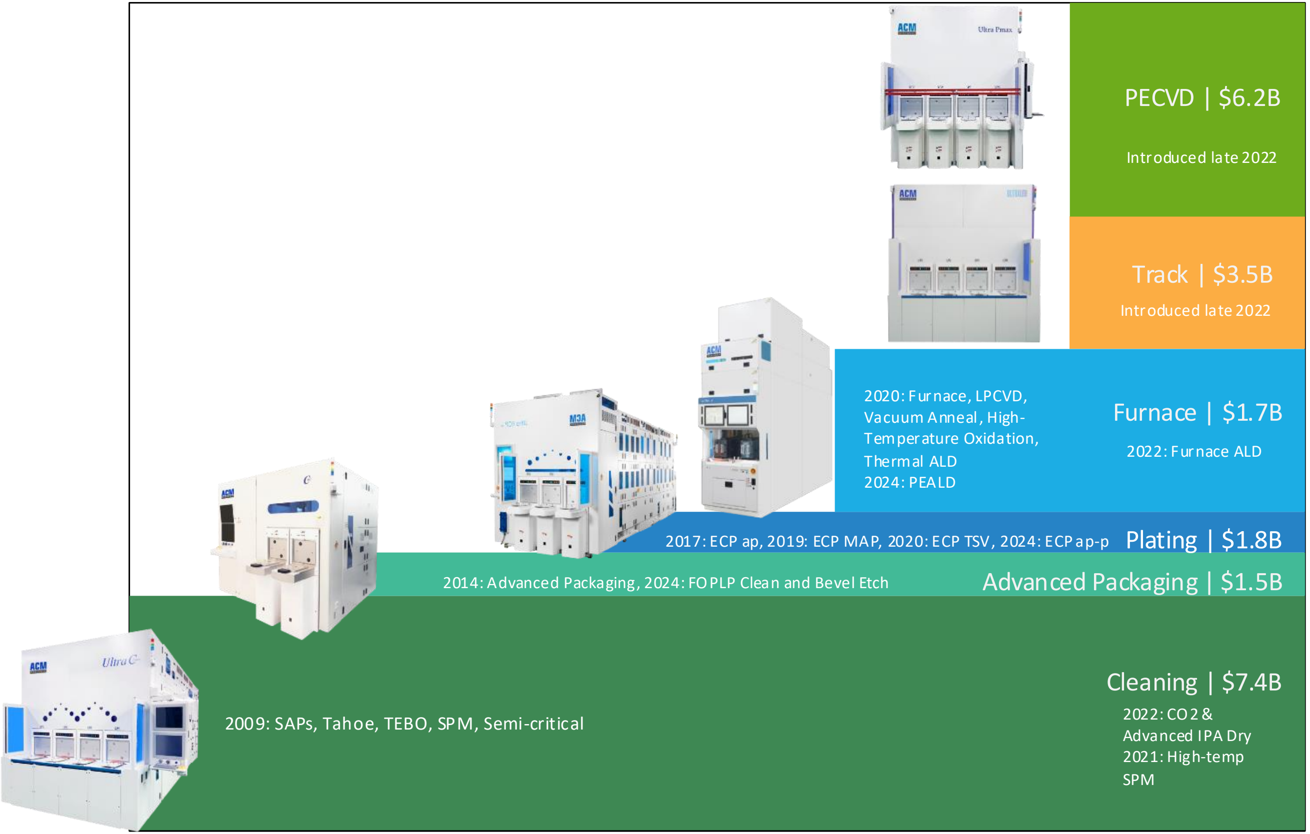
Revenue by Product: 1H'25 vs 1H'26



1. Cleaning: Single wafer cleaning, Tahoe and semi-critical cleaning equipment
2. ECP, Furnace & Other: ECP (front-end and packaging), furnace and other technologies
3. Advanced Packaging & Other: Advanced Packaging (excluding ECP), services & spares

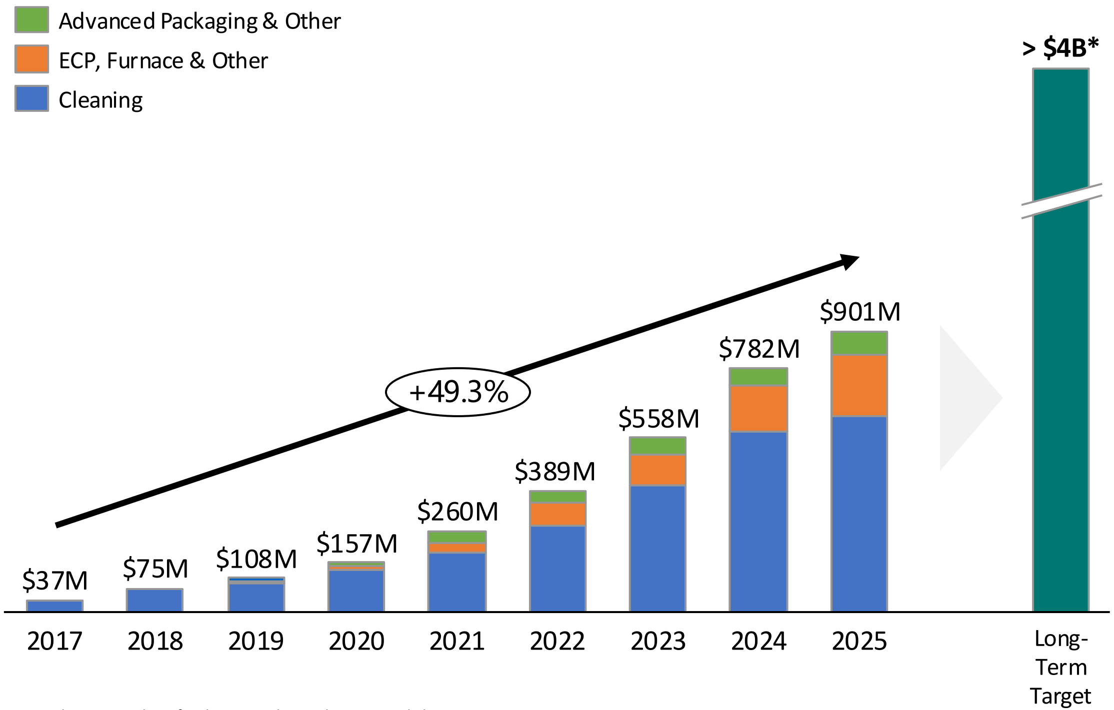
Expanding Serviceable Available Market ("SAM")[1]

Estimated 2025 SAM of $22 billion addressed by ACM Research's current product portfolio



[1]Source: Frost & Sullivan - "Global and China Semiconductor Equipment Market Research (June 2026)" and Company Estimates.

Long-Term Target for $4B+ in Revenue



1. Cleaning: Single wafer cleaning, Tahoe and semi-critical cleaning equipment
2. ECP & Furnace & Other: ECP (front-end and packaging), furnace and other technologies
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* *ACM Research internal target, for internal planning purposes only, not a projection or estimate of actual or future revenue*

Long-Term Target Composition

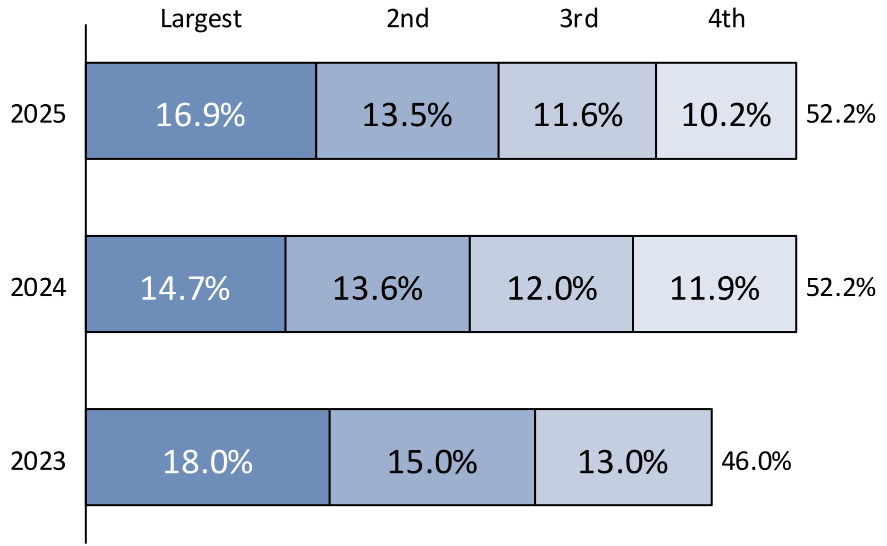
Mainland China	ACM Research SAM[1]	China SAM[2]	ACM Research Share[3]	ACM Research Revenue
Cleaning	$7.4B	$2.6B	60%	$1.54B
ECP	$1.8B	$0.6B	60%	$368M
Furnace	$1.7B	$0.6B	15%	$88M
PECVD	$6.2B	$2.2B	15%	$314M
Track	$3.5B	$1.2B	10%	$115M
Adv Pkg (ex ECP, plus Service & Spares)	$1.5B	$0.5B	n/a	$100M
	$22.0B	**$7.7B**	**-**	**$2.5B**
RoW	**ACM Research SAM[1]**	**Non-China SAM[1]**	**Share[3]**	**Revenue**
Cleaning	$7.4B	$4.8B	15%	$693M
ECP	$1.8B	$1.1B	15%	$165M
Furnace	$1.7B	$1.1B	10%	$106M
PECVD	$6.2B	$4.0B	8%	$299M
Track	$3.5B	$2.2B	8%	$168M
Adv Pkg (Ex ECP, plus Service & Spares)	$1.5B	$1.0B	n/a	$50M
	$22.0B	**$14.2B**	**-**	**$1.5B**
ACM Research China + RoW Revenue				**>$4.0B**

[1]Source: Frost & Sullivan - "Global and China Semiconductor Equipment Market Research (June 2026)" and Company Estimates:
- 2025 Frost & Sullivan WFE market of $142.1B
- ACM Research SAM determined by management's estimated product coverage

[2]China SAM assumes China WFE is $50B
[3]Share refers to ACM Research market share target

Customer Concentration (≥10%) and Revenue Mix by Customer Type

10% Customer Mix – Annual Ranking



Note: Customers contributing ≥10% are ranked annually by revenue contribution. The composition of such customers may vary across periods.

Revenue Mix by Customer Type

Customer Type	**2025**	**2024**	**2023**
Memory	27.3%	21.8%	24.1%
Foundry/Logic/Other	58.9%	71.1%	63.2%
Packaging & Wafer Processing	13.9%	7.1%	12.7%

ACM Shanghai Facilities

ACM Shanghai HQ and R&D Center

- ACM Shanghai Headquarters and China R&D Center
- Located in the Zhangjiang Hi-Tech park in Shanghai
- Relocated from original ACM Shanghai Headquarters Q2 2024

Chuansha Production Facilities

- Located in Chuansha area of Pudong district, approximately 11 miles from ACM Shanghai’s Zhangjiang area HQ
- Three leased facilities with approx. 236,000 sq. feet

Lingang R&D and Production Center

- Lingang R&D and Production Center
- Approximately 30 miles from ACM Shanghai’s HQ in Zhangjiang
- 1 million sq. feet
- Lingang production and R&D center is completed

ACM Oregon R&D and Clean Room Facility

6357 NE Evergreen Parkway, Hillsboro, Oregon

- Purchased October 1, 2024
- 39,500 sq. feet facility including 5,200 sq. feet clean room
- To further expand ACM's R&D and demonstration capability in the U.S. market

2026 Outlook

- **Raised 2026 Revenue Guidance Range: $1.125–$1.175bn** (vs. prior $1.08–$1.175bn)
- **Outlook reflects, among other things:**
  - Current assessment of the continuing impact from international trade policy
  - Various expected spending scenarios of key customers, supply chain constraints, and the timing of acceptances for first tools under evaluation in the field

Q2 2026 Financial Results

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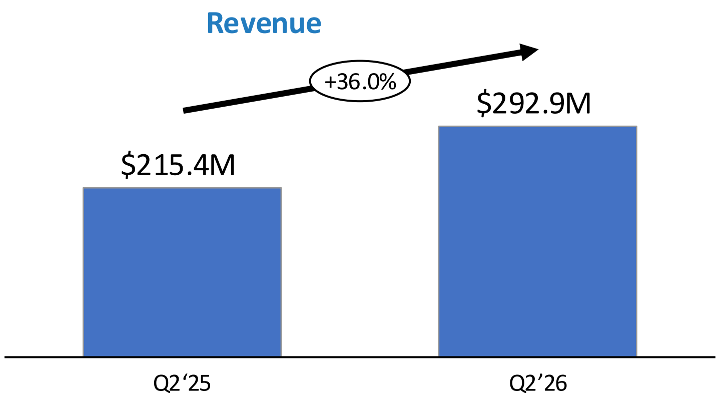
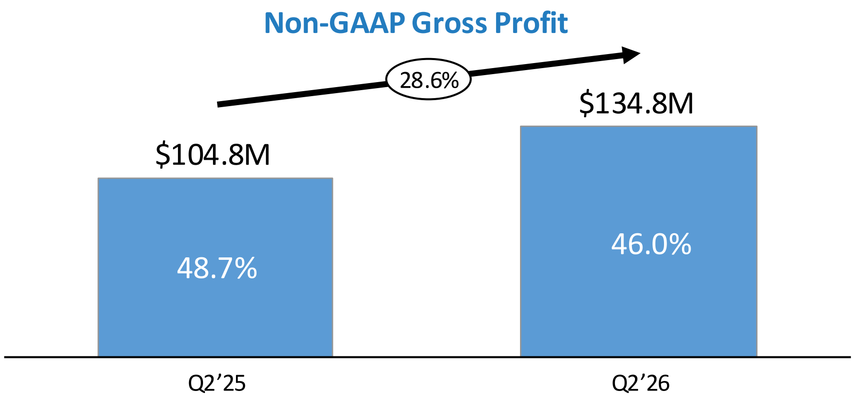
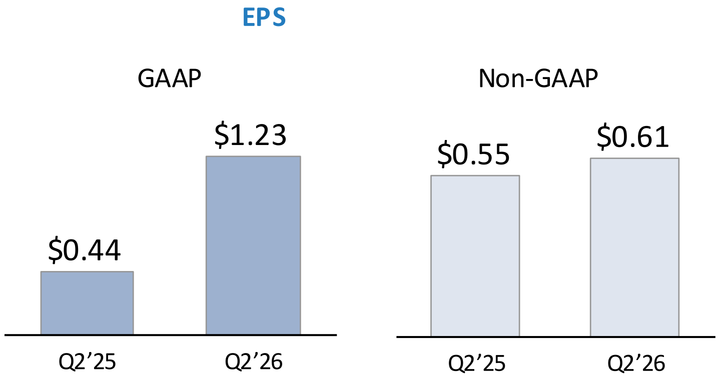
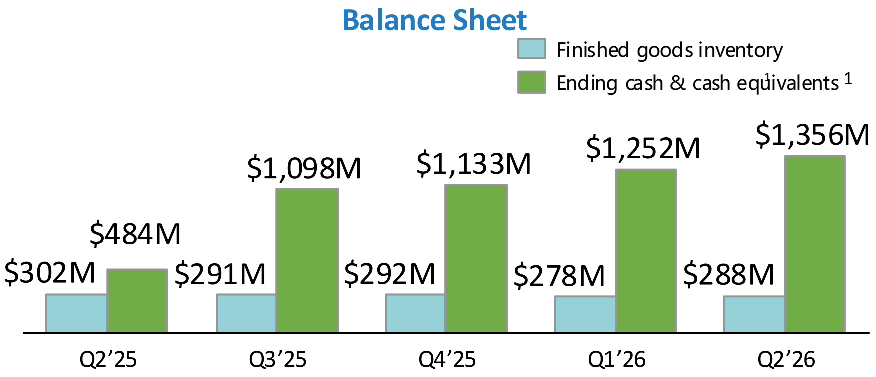


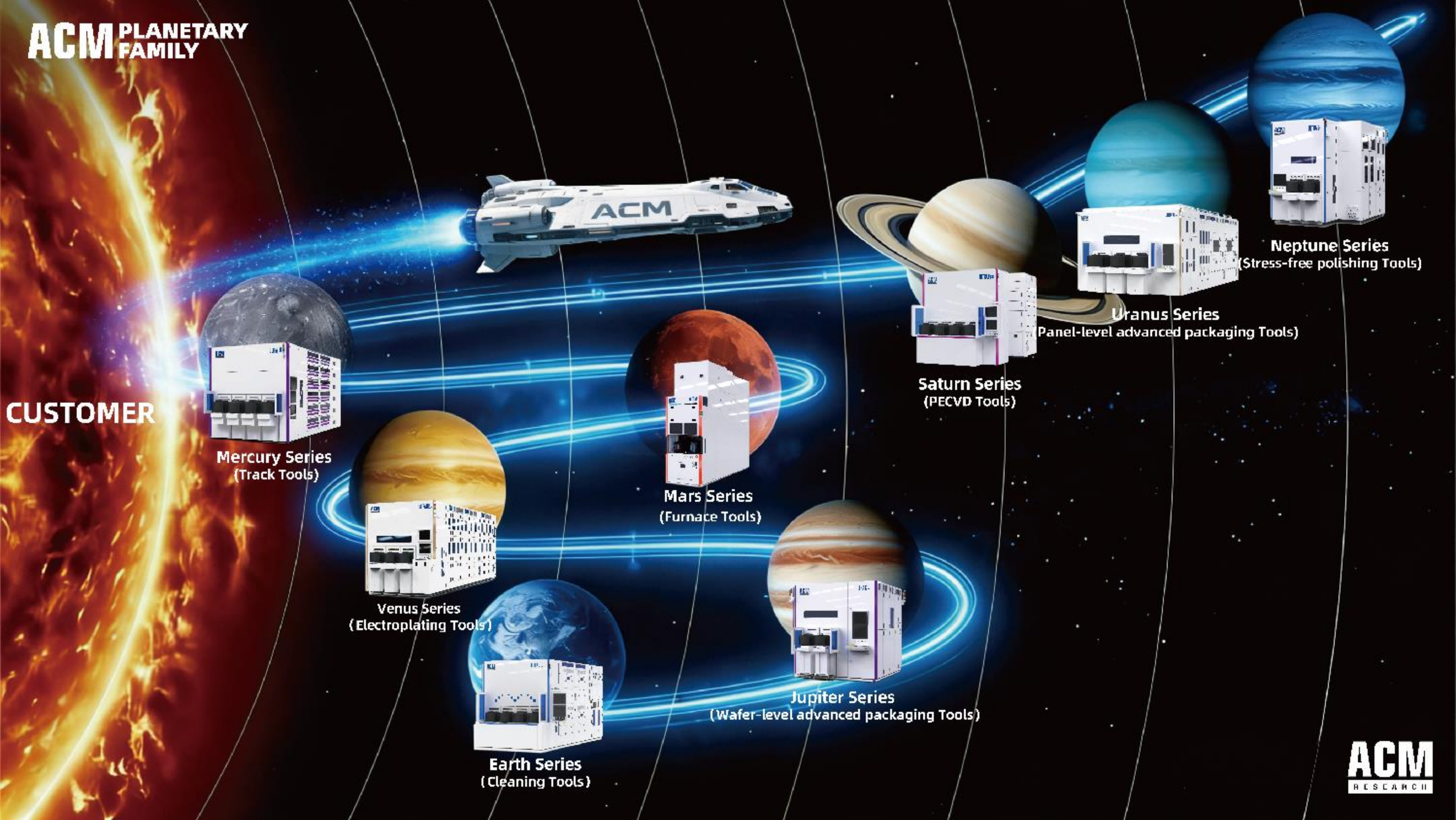






See slide 13 for reconciliation between GAAP and Non-GAAP Gross Profit and EPS

[1] *Including interest bearing time deposits.*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CUSTOMER
Mercury Series
(Track Tools)
Venus Series
（Electroplating Tools）
Earth Series
（Cleaning Tools）
Mars Series
(Furnace Tools)
Jupiter Series
（Wafer-level advanced packaging Tools）
Saturn Series
(PECVD Tools)
Uranus Series
(Panel-level advanced packaging Tools)
Neptune Series
(Stress-free polishing Tools)
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Q2 2026 GAAP to Non-GAAP Reconciliation

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	2026				2025			
	Actual (GAAP)	SBC	Other non-operating adjustments	Adjusted (Non-GAAP)	Actual (GAAP)	SBC	Other non-operating adjustments	Adjusted (Non-GAAP)
	(In thousands)							
Revenue	$ 292,919	$ -	$ -	$ 292,919	$ 215,372	$ -	$ -	$ 215,372
Cost of revenue	(158,301)	(177)	-	(158,124)	(110,911)	(356)	-	(110,555)
Gross profit	134,618	(177)	-	134,795	104,461	(356)	-	104,817
Gross margin	*46.0%*	*0.1%*	-	*46.0%*	*48.5%*	*0.2%*	-	*48.7%*
Operating expenses:								
Sales and marketing	(23,778)	(1,330)	-	(22,448)	(22,102)	(2,096)	-	(20,006)
Research and development	(42,254)	(1,532)	-	(40,722)	(33,817)	(2,580)	-	(31,237)
General and administrative	(18,843)	(3,544)	-	(15,299)	(16,848)	(4,738)	-	(12,110)
Total operating expenses	(84,875)	(6,406)	-	(78,469)	(72,767)	(9,414)	-	(63,353)
Income (loss) from operations	$ 49,743	$ (6,583)	$ -	$ 56,326	$ 31,694	$ (9,770)	$ -	$ 41,464
Unrealized gain on short-term investments	69,592	-	69,592	-	2,730	-	2,730	-
Less: Net income attributable to non-controlling interests	33,266	-	(18,541)	14,725	6,510	-	(516)	5,994
Net income (loss) attributable to ACM Research, Inc.	**$ 88,984**	**$ (6,583)**	**$ 51,051**	**$ 44,516**	**$ 29,760**	**$ (9,770)**	**$ 2,214**	**$ 37,316**
Basic EPS	$ 1.31			$ 0.66	$ 0.47			$ 0.58
Diluted EPS	$ 1.23			$ 0.61	$ 0.44			$ 0.55

THANK YOU!

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