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The State of EDA: A View from Wall Street
Design Automation Conference 2026



The State of EDA...f []

- **Bookings and backlog...**
- **Revenue ...Core EDA + IP + hardware**
- **R&D....the reinvestment continuum....new and enhanced products**
- **Operating income & margin**
- **Cash flow**
- **Share**

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The State of EDA

<Cⁿ = EDA>

The State of EDA

<CORE>

<CONVERGENCE>

<CONCENTRATION>

<CUSTOM(IZATION)>

<CAKE>



The State of EDA...phenomenology

- *The essentialness of commercial EDA remains apparent in the context of customers' "arms races" across devices, applications, systems and markets...as seen in bookings and backlog.*
- *Product mix matters...*
- *There are two "arms races" in technology: "software development" and "silicon development". ...*
- *...which have become intertwined...due to Engineering Software "convergence" effects, plus new AI/ML effects and requirements.*
- *The EDA industry has grown each year since 2010 - and we expect this will continue.*

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The East River is Not a River

The State of EDA...our AI/ML Phenomenology

<EDA=AI/ML=EDA>

or

***The Affinity and Reconciliation of Software &
AI/ML***



The State of EDA...our AI/ML Phenomenology

- *EDA is in the specific position of being both purveyors of AI and enablers of AI/ML, in a mutual cycle of enablement and dependency by and with their semiconductor customers for their development, engineering and computation requirements.*
- *Cadence, Synopsys and Siemens have multiple branded EDA AI/ML applications.*
- *EDA appears more advanced in commercial availability of - and production/optimization deployment of - AI/ML-enabled tools than elsewhere in Engineering Software.*



The State of EDA...our AI/ML Phenomenology

- *The new operational/process/data management requirements entail “orchestration” - which is and will be a form of competitive IP - and “traceability”, an essential term usually associated with simulation.*
- *ML is simulation. Two corollary terms are “attribution” and “verifiability”.*
- *Hence – the new “agentic frameworks”.*
- *AI/ML tools (?) from “outside” the Engineering Software domains will need to solve for those process requirements, with an implied need for domain-specific R&D at scale, plus GTM and support capacity.*
- *As we have begun to see elsewhere in Engineering and Enterprise Software, EDA may need to adopt new ecosystem/partnering development vis-à-vis external models. .*

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Previously on *EDA: The Next Generation*



Since DAC 2025...

- **Synopsys completed the acquisition of Ansys, the largest in the history of Engineering Software; it has introduced the first batch of integrated products.**
- **Cadence completed the acquisition of the Hexagon Design & Engineering Software (“MSC”), tripling its complementary simulation business.**
- **Nvidia and Intel announced their CPU-GPU joint development and Nvidia invested \$5 billion in Intel.**
- **Nvidia invested \$2 billion in Synopsys.**



Since DAC 2025...

- ***Industry revenues, as expected, approached \$16 billion in 2025, up 6%. The EDA industry has grown each year since 2010.***
- ***The EDA Big 3 share of industry revenues remains ≈90%, including ≈73% for Cadence-Synopsys Classic in 2025: up 6 points since 2020 and 9 points since 2015.***
- ***Siemens EDA revenues have more than doubled since the Mentor acquisition, including PV, PCB and hardware.***
- ***Ansys EDA share remained >3%.***

Before DAC 2027...

- ***We are estimating EDA revenues of more than \$17 billion for 2026, up 8.5%.***

Since DAC 2025...until DAC 2027

- ***Combined Big 2 EDA bookings were more than \$13.1 billion in 2025.***
- ***We are estimating a similar amount for 2026 – plus, Ansys EDA bookings (>\$400 million).***



Since DAC 2025...

- **Cadence-Siemens EDA-Synopsys Classic revenues were \$14.25 billion in 2025, up almost 6%; combined revenues were \$3.71 billion in 1Q26, up almost 10%.**
- **Cadence-Synopsys IP revenues were \$2.48 billion in 2025, up 2% (vs. 10.5% in 2024); combined revenues were ≈\$660 million in 1Q26, up 1.5% (vs. 25%)**
- **EDA Big 3 hardware revenues were \$1.83 billion in 2025, up 24%; combined revenues were >\$500 million in 1Q26, up >30%.**

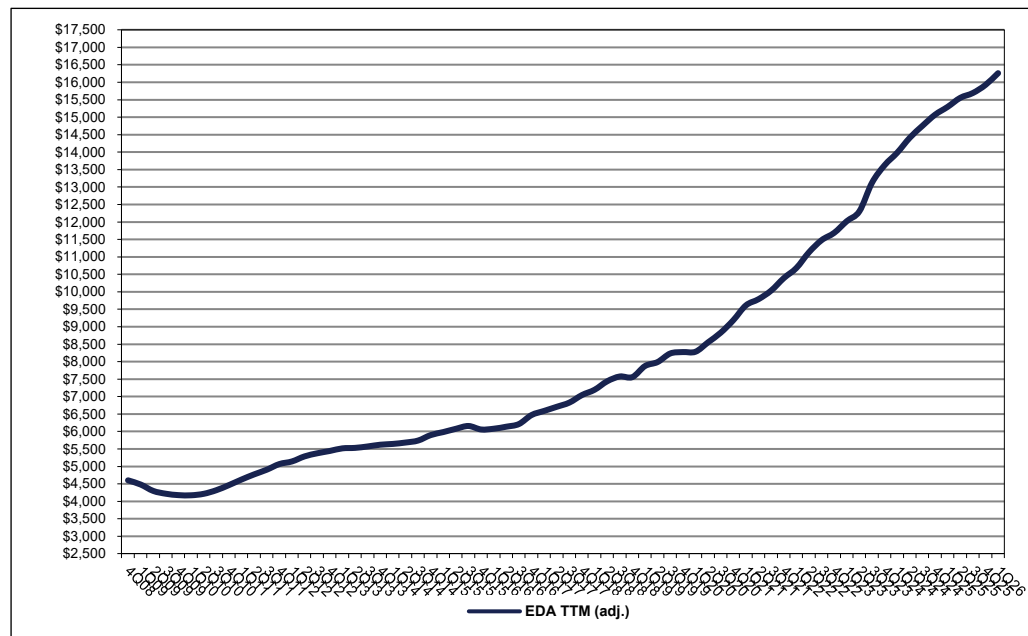


Since DAC 2025...

- The combined enterprise values of Cadence and Synopsys are ≈\$171.5 billion – up almost 15% since DAC 2025, or <11x estimated 2026 revenues.
- The combined EV of the *Big 3* a decade ago was ≈\$17 billion.



EDA total revenues, 2008-1Q26

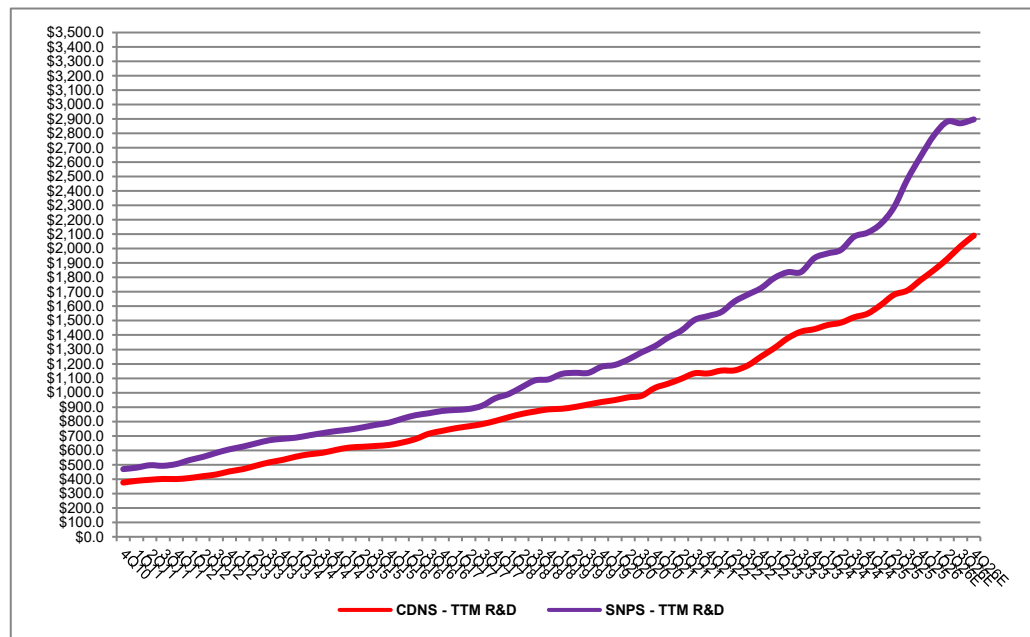




EDA: the reinvestment continuum

- *In 2025, combined Cadence-Synopsys Classic R&D was \$4.14 billion (≈35.5% of revenues), up ≈\$480 million – plus total Ansys R&D of ≈\$530 million.*
- *With Ansys, New Synopsys has the largest R&D budget in Engineering Software.*
- *We are estimating Cadence-Synopsys Classic R&D of ≈\$4.50 billion for 2026, or ≈35% of estimated revenues, up ≈\$360 million, and ≈\$4.75 billion for 2027, or >34% of revenues – plus Ansys R&D.*
- *Cadence-Synopsys Classic combined R&D headcount was >19,500 (end of 2025), plus Siemens EDA and Ansys R&D headcount (>2,400).*
- *We have approximated that Siemens EDA's R&D is in the neighborhood of >\$700 million a year.*

Cadence-Synopsys, annual R&D, 2010-2026E

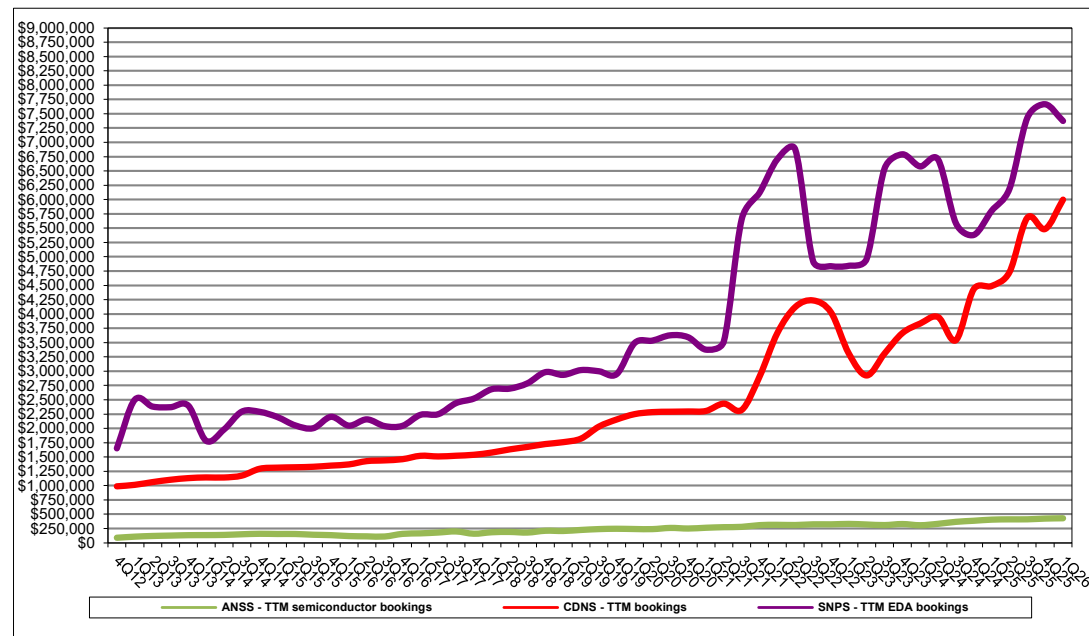




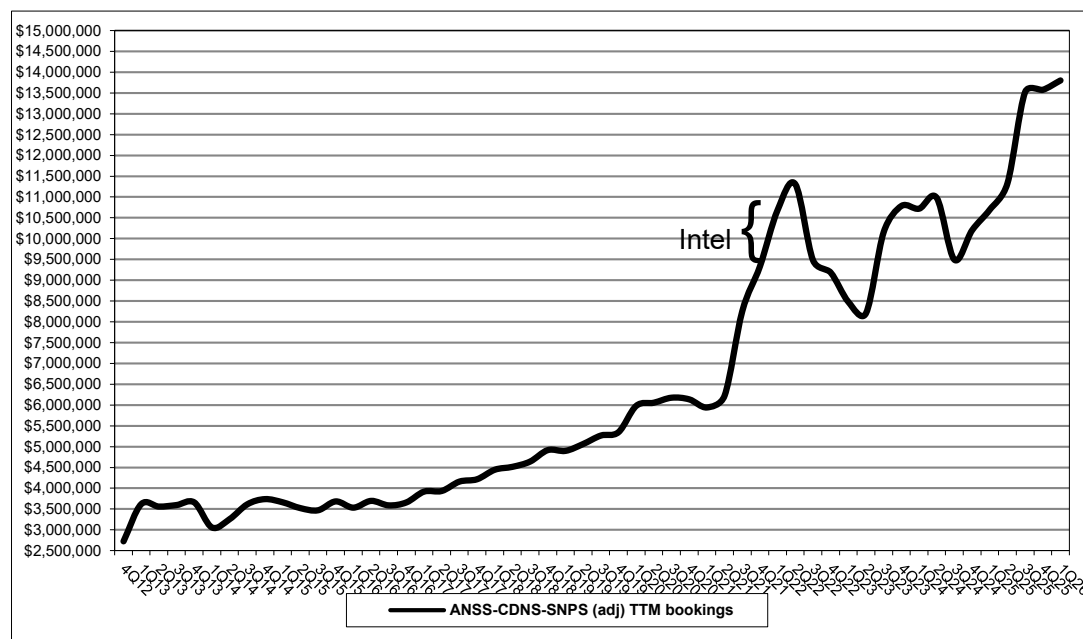
EDA catalysts: déjà vu and new

- *The growth has been sustained – and is sustainable - across **multiple product categories**, a result of semiconductor and system customers' engineering requirements across design, process-, and system complexity. We expect this broad trend will continue.*

Cadence-Synopsys (Ansys) bookings, 2012-1Q26

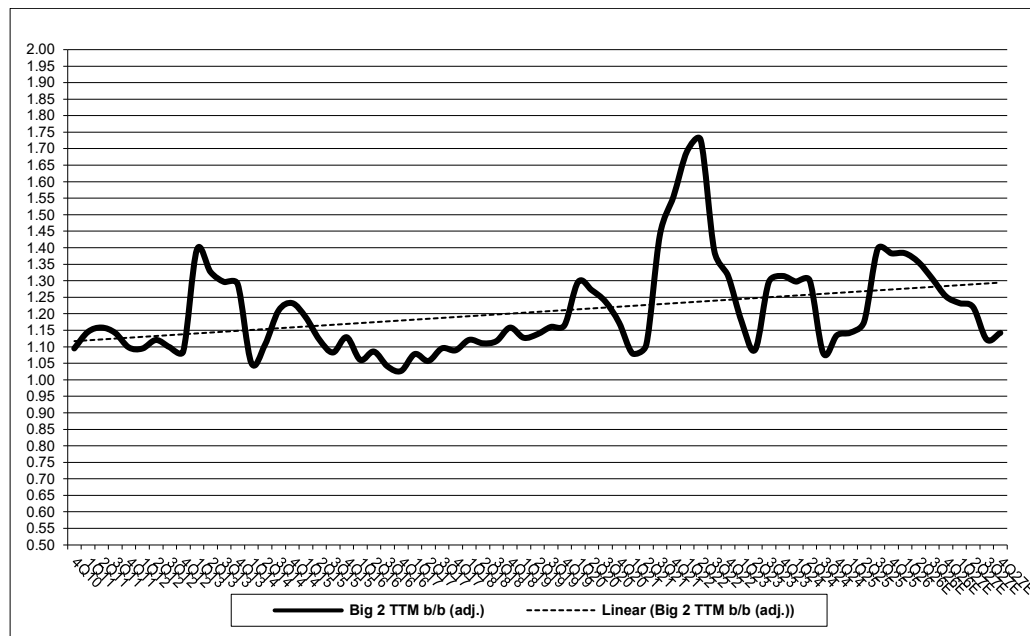


Cadence-Synopsys (Ansys) bookings, 2012-1Q26





Big 2 book/bill, 2010-2027E

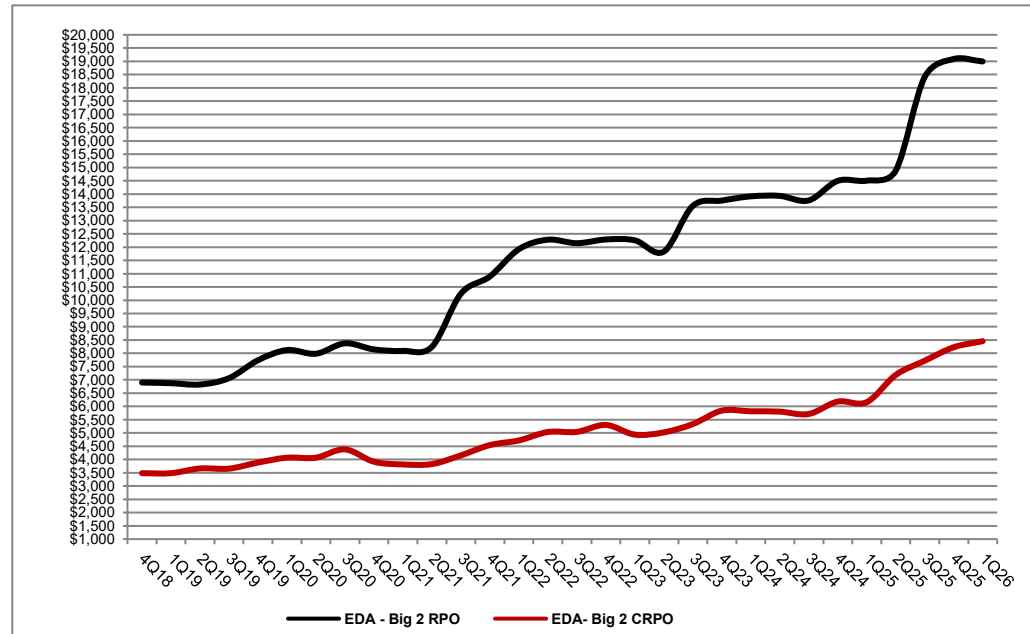




The State of EDA...Big 2 backlog

- ***Combined Big 2 backlog was \$19.0 billion as of the end of 1Q26, up ≈\$4.49 billion – including >\$1.6 billion from Ansys.***
- ***Combined “current RPO “ (CRPO), the amount to be recognized over the next twelve-months, was \$8.46 billion as of 1Q26, up \$2.3 billion (including >\$1.0 billion from Ansys).***
- ***Cadence’s CRPO has exceeded Synopsys Classic’s organic CRPO for each of the past eighteen quarters.***
- ***As of 1Q26. CRPO was equivalent to ≈63% of Cadence’s estimated NTM revenues, and ≈46% of Synopsys’ estimated NTM revenues.***

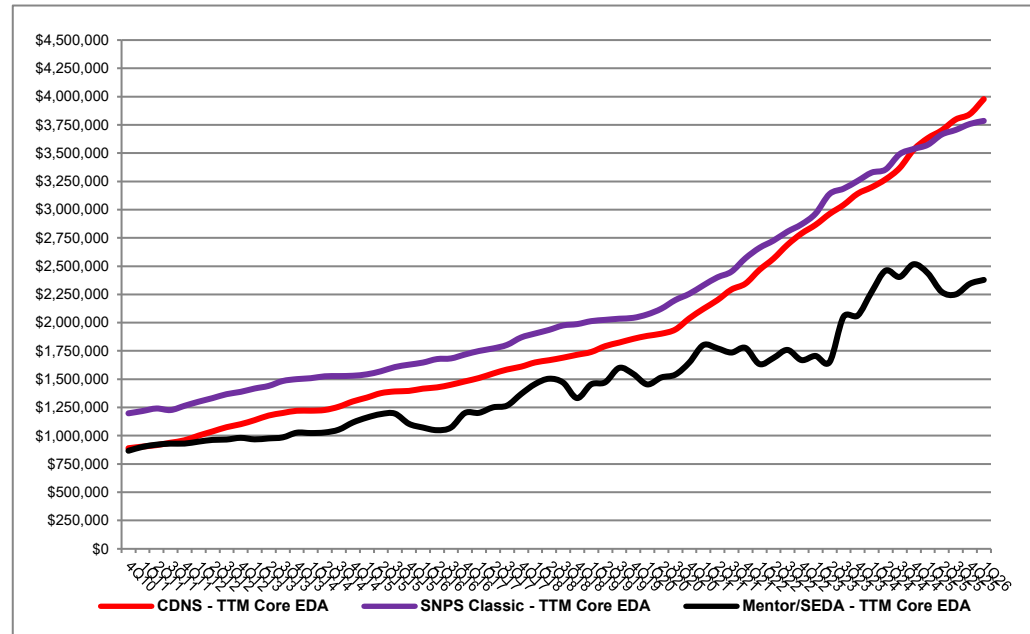
EDA Big 2 backlog & CRPO



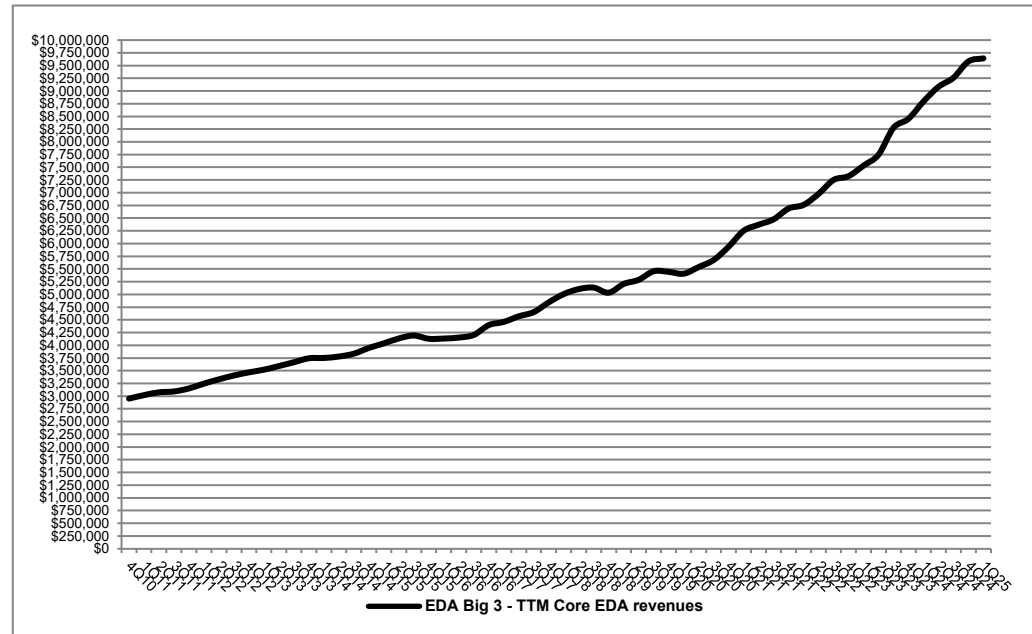
Core EDA

- In 2025, **Big 3 Core EDA revenues** were \$9.94 billion, up \$361 million, or $\approx 4\%$,
- Big 3 Core EDA was \$10.14 billion for the TTM ended 1Q26, up \$497 million, or $\approx 5\%$.
- The Big 3 had 86% share of Core EDA in 2025, including $\approx 33\%$ for Cadence ($\approx 32.5\%$ ex-acquisitions), $\approx 20\%$ for Siemens, and $\approx 32.5\%$ for Synopsys.
- *The Core EDA gap between Synopsys and Cadence has narrowed from more than \$200 million.*

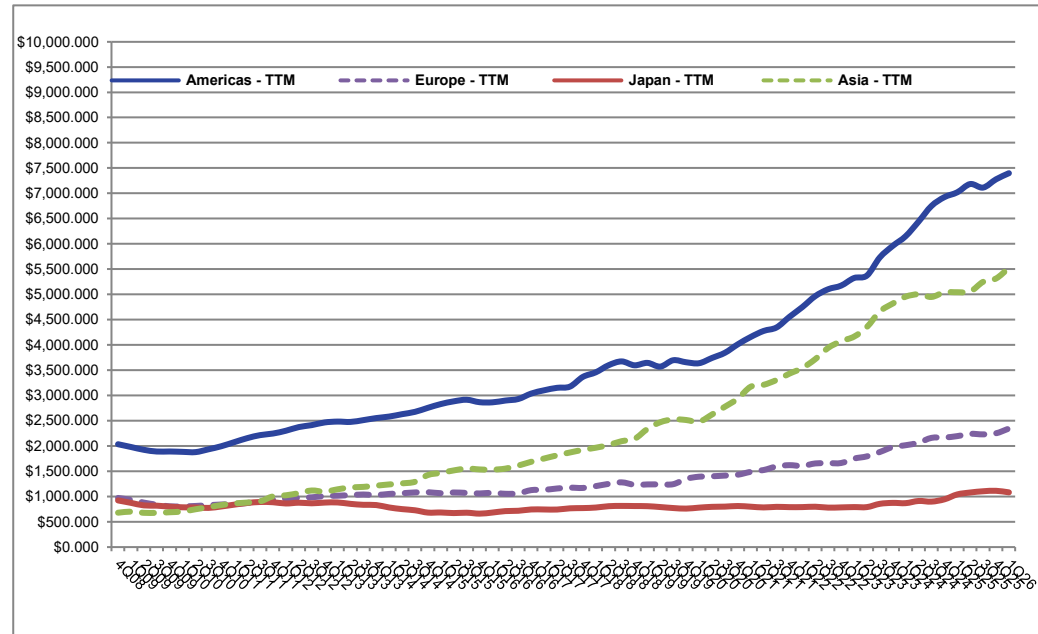
Big 3 Core EDA



Big 3 Core EDA

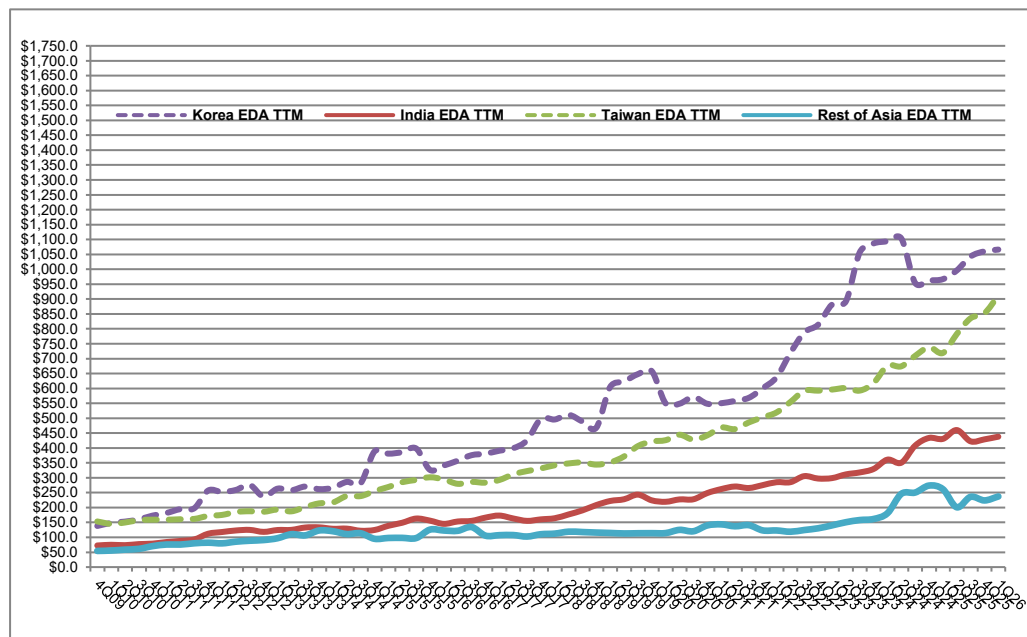


EDA revenues by geo



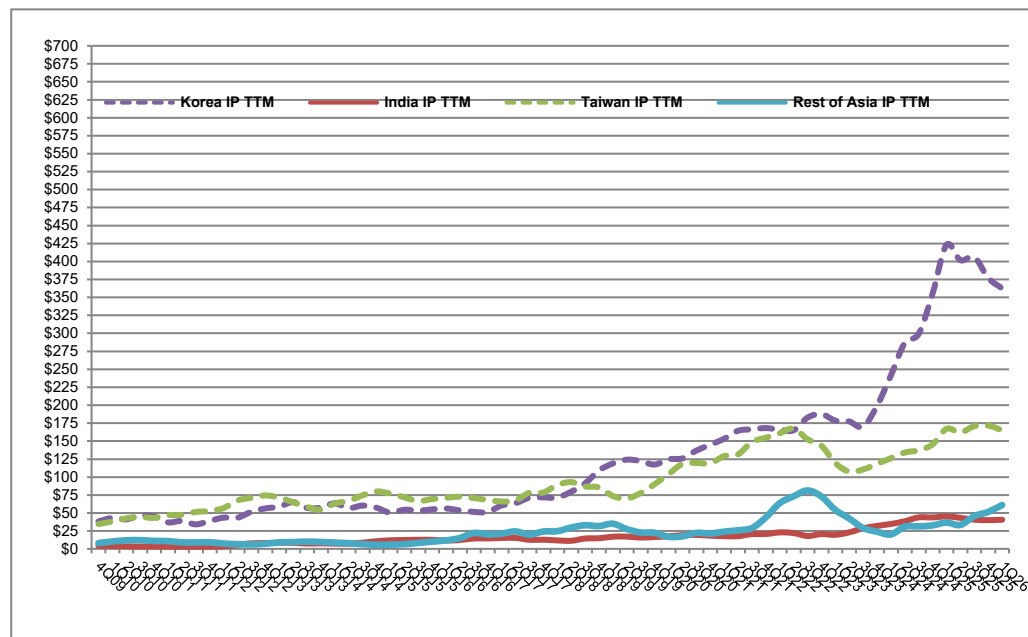


Asia EDA revenues, by country

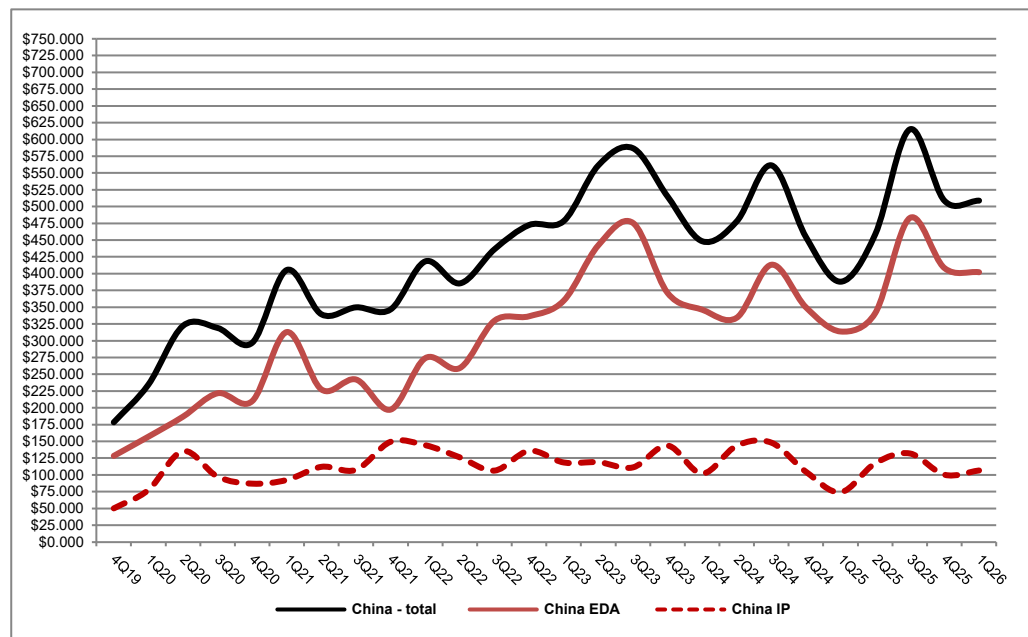




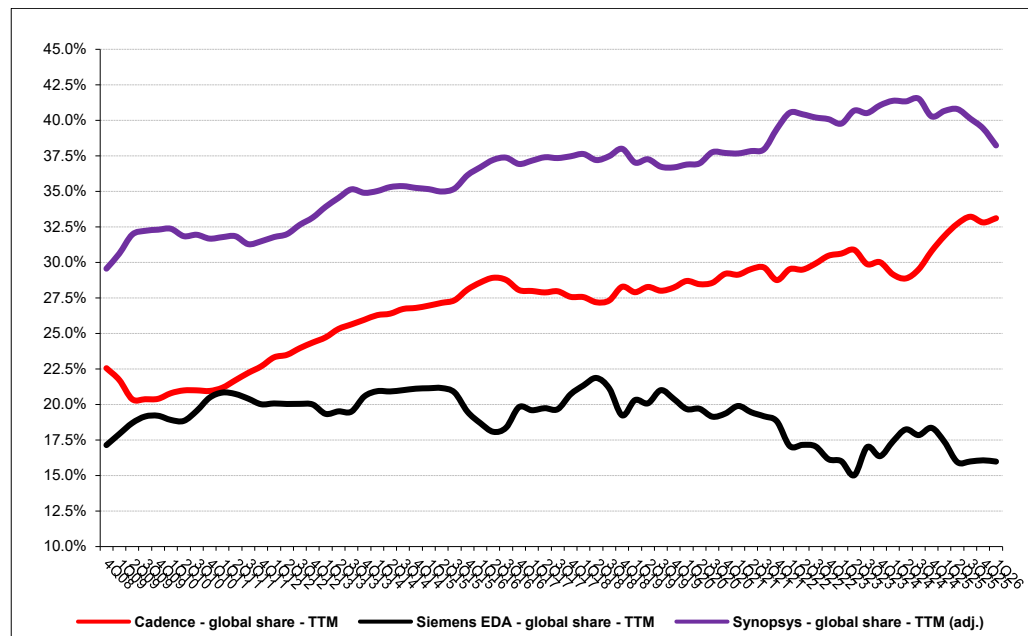
Asia IP revenues, by country



China EDA & IP revenues

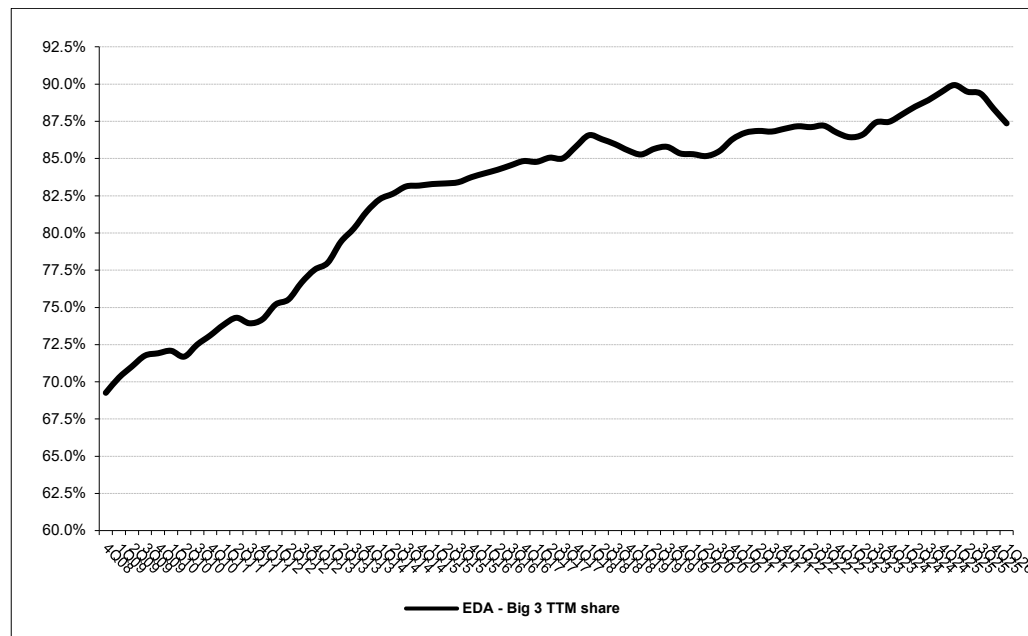


EDA, Big 3 global share, 2008-1Q26





Total Big 3 TTM share, 2008-1Q26



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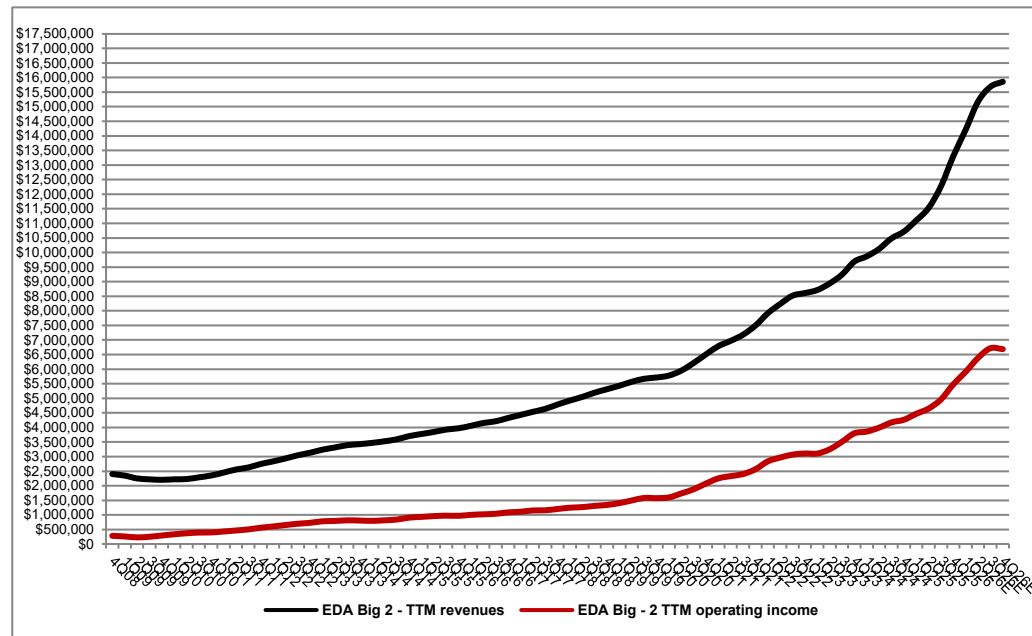


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< EDA profitability & cash flow >

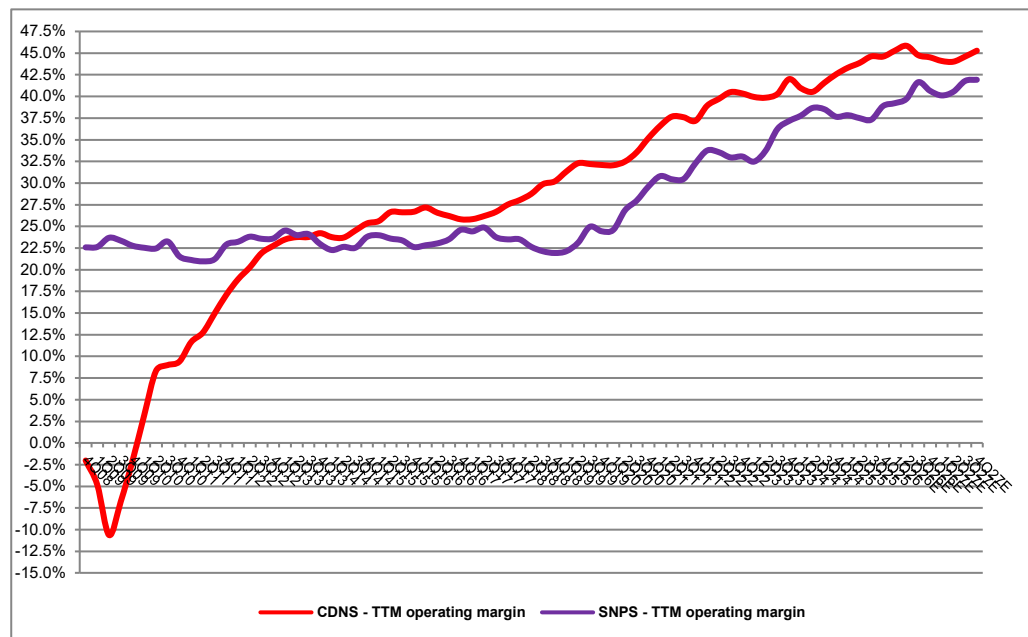
Big 2 revenues & income, 2008-2026E



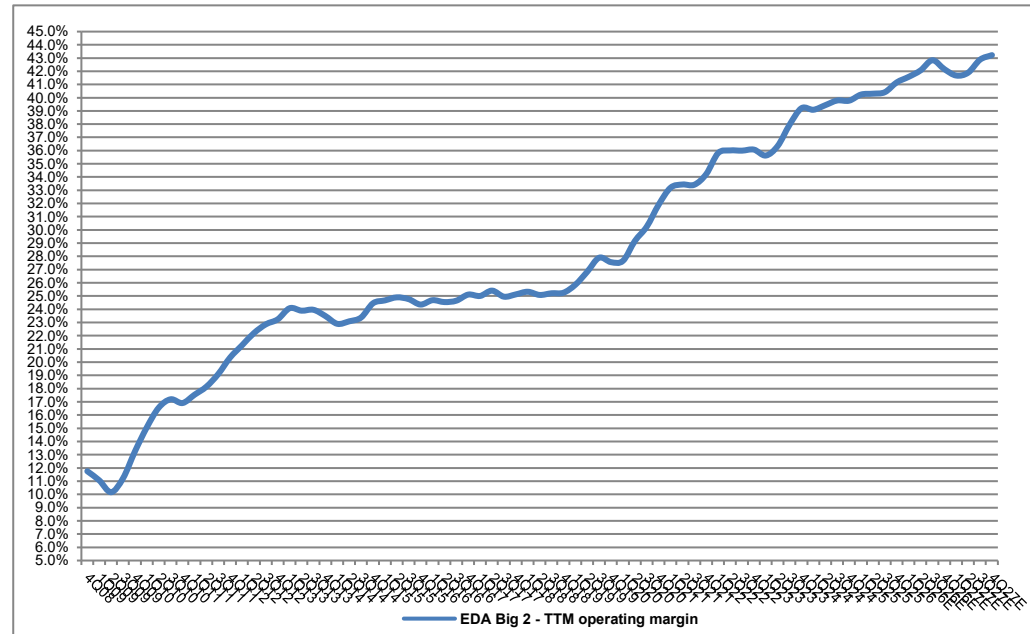
The State of EDA...Big 2 profitability

- *Combined EDA Big 2 operating income in 2025 was \$5.476 billion, up \$1.215 billion, or 41.2% of revenues (+1.4%)*
- *For 2026, we are estimating \$6.683 billion, or ≈42% of revenues, and more than \$7.5 billion for 2027, or ≈43% of estimated revenues.*

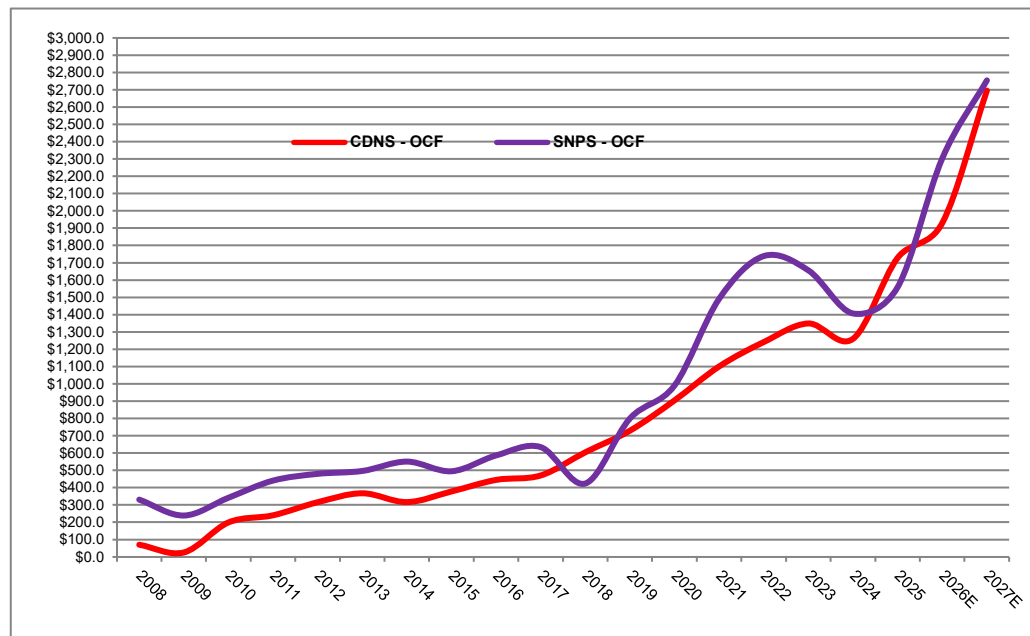
Big 2 TTM operating margin by company



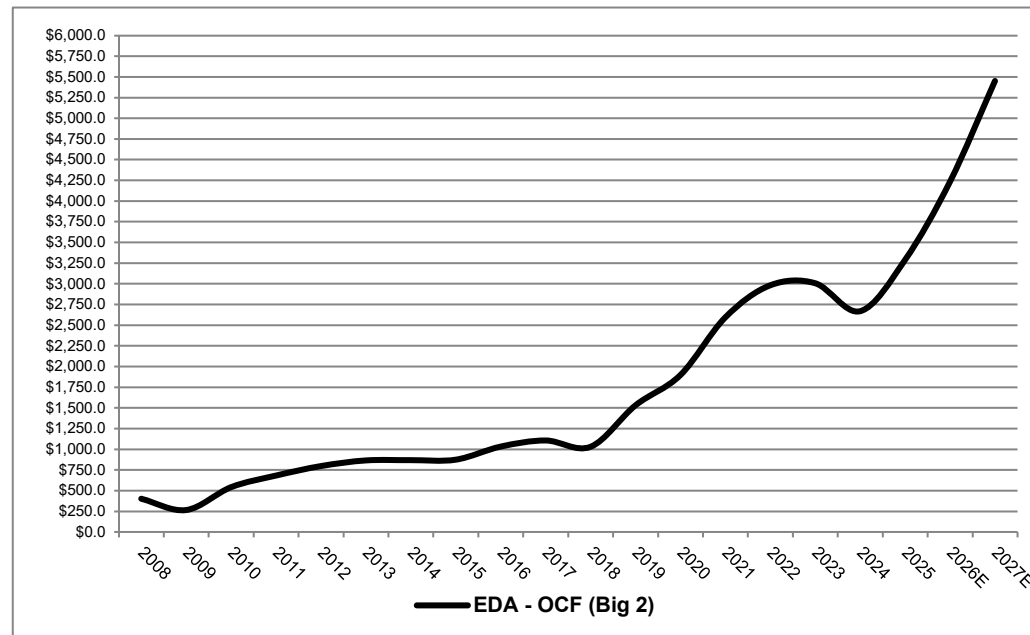
Big 2 TTM composite operating margin



EDA, cash flow, by company, 2008-2027E



EDA, cash flow, 2008-2027E



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“Product mix matters”

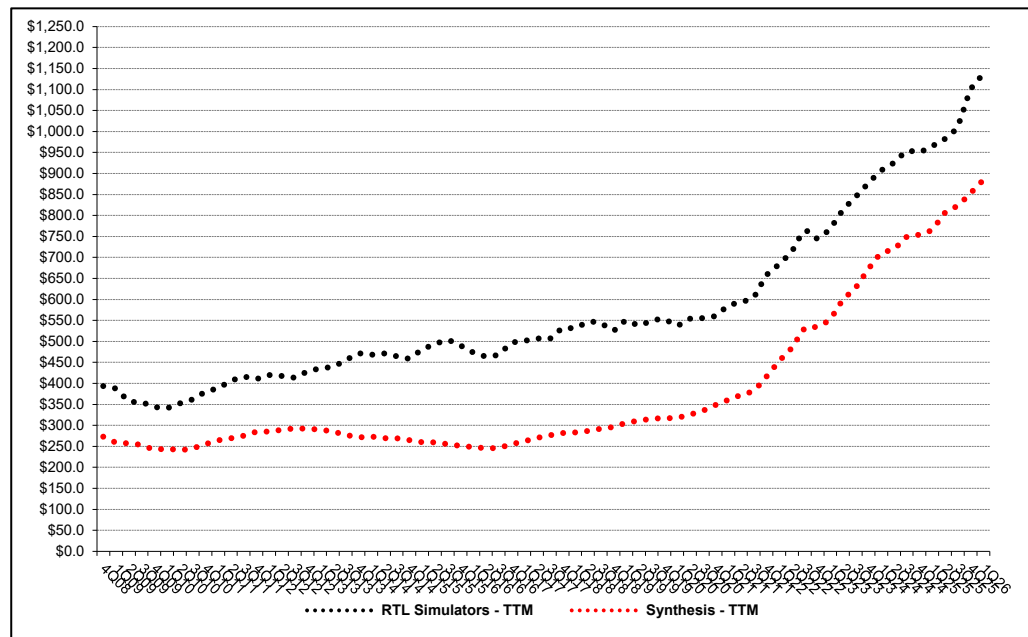
....our longtime framework for assessing and investing in EDA....



The product mix

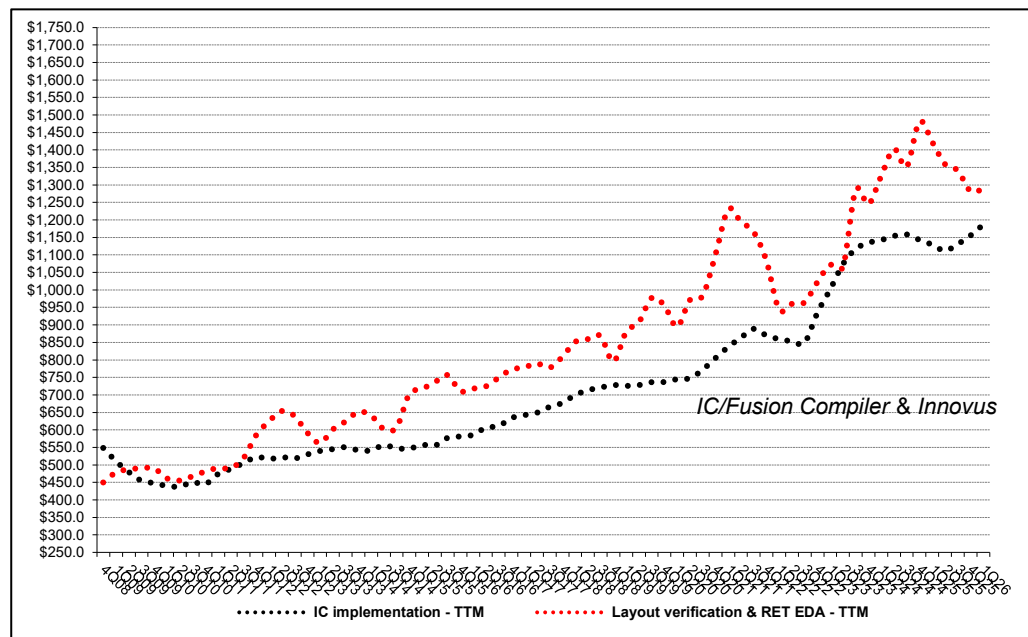
- According to ESDA data, “Analog/Mixed-Signal Simulation”, “Analysis”, “Implementation”, “PCB”, “RTL simulation”, and “Synthesis” continue to show multiple consecutive periods of growth – “Physical Verification”, with considerable quarterly variability.
- *Each of the EDA Big 3 – Synopsys/Ansys, Cadence, Siemens– participates in at least two of the growing categories.*

Product revenues: synthesis & simulation



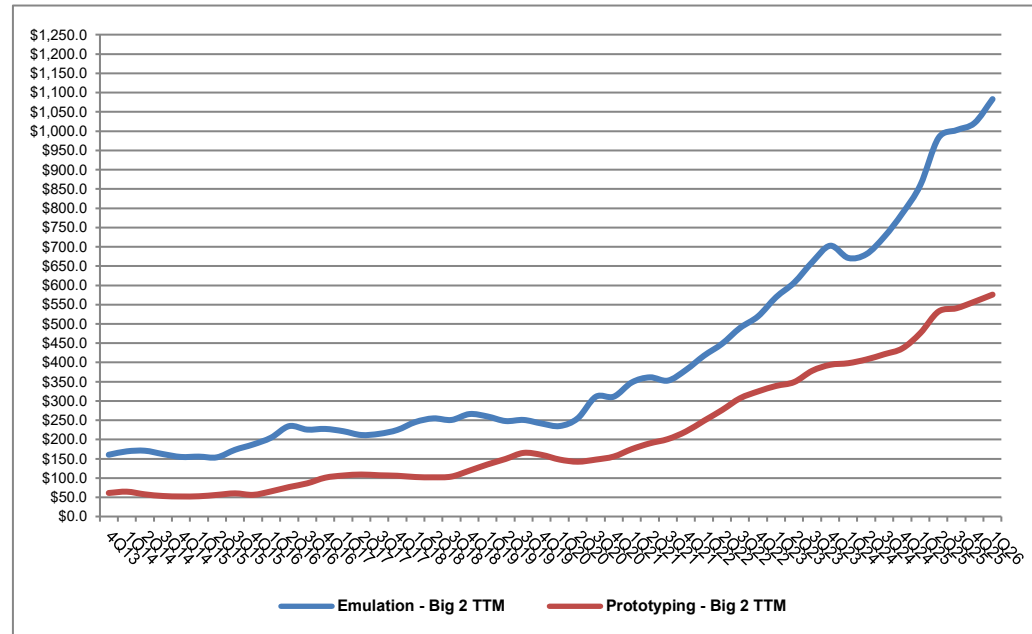


Product revenues: P&R and PV



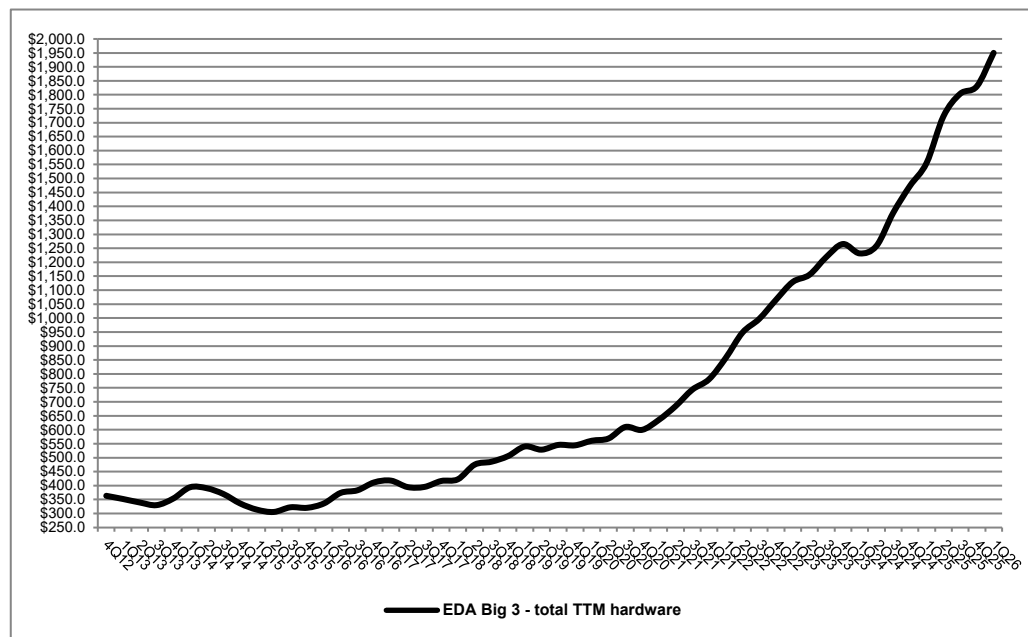
The new product mix: hardware

- Combined **Synopsys-Cadence-Siemens hardware revenues** were \$1.83 billion in 2025, up ~\$360 million...and by more than \$1.5 billion from ten years ago.
- Combined hardware revenues were \$1.95 billion for the TTM ended 1Q26.
- Synopsys has had the largest annual hardware revenues for the past ten years.





Big 3 combined hardware revenues





The new product mix: IP

- *Combined EDA IP revenues for Cadence-Synopsys were ≈\$2.48 billion in 2025 (≈19% of combined revenue), up ≈\$55 million from 2024 and ≈\$1.14 billion since 2020.*
- *For the TTM ended 1Q26, combined Cadence-Synopsys IP revenues were ≈\$2.49 billion, down ≈\$65 million (vs. up \$285 million)....*
- *Quarterly IP has increased sequentially since 2Q25, as Synopsys' IP revenues have been recovering.*

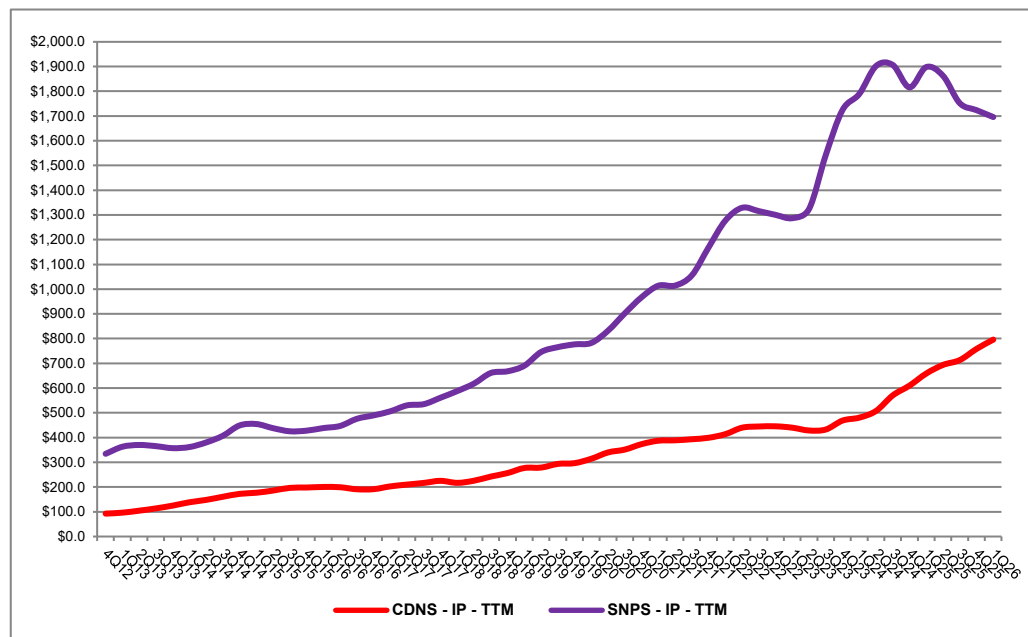


The new product mix: IP

- *Synopsys had 67% share of EDA IP revenues in 2025, down 5.5 points from 2024...but up 12 points from 2020.*
- *Cadence had 29.5% share in 2025, up 5 points....and up 8 points from 2020.*

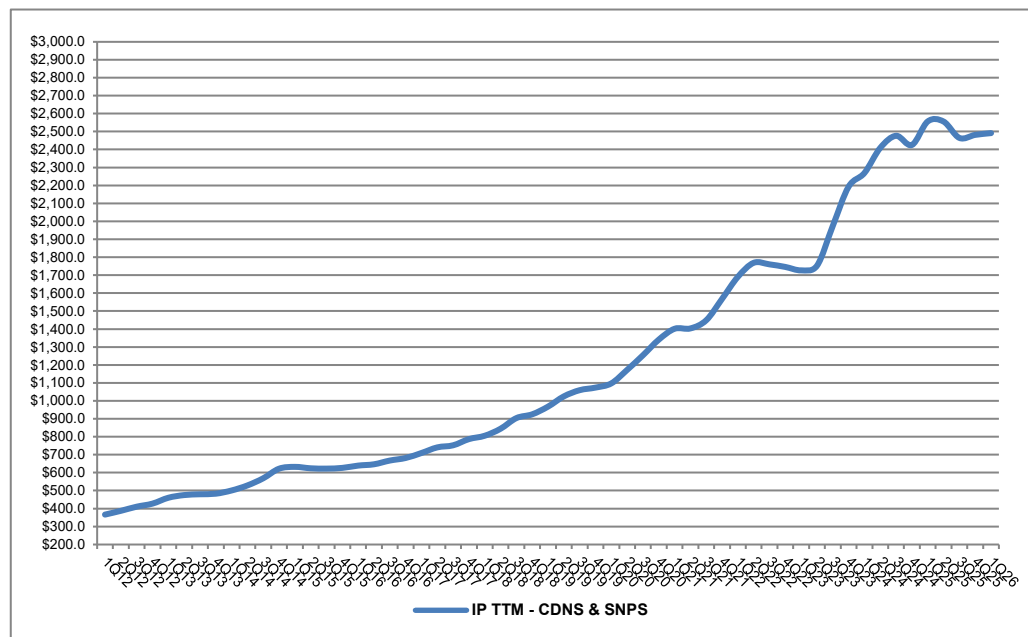


Big 2 IP revenues, 2012-1Q26





Big 2 IP revenues, 2012-1Q26



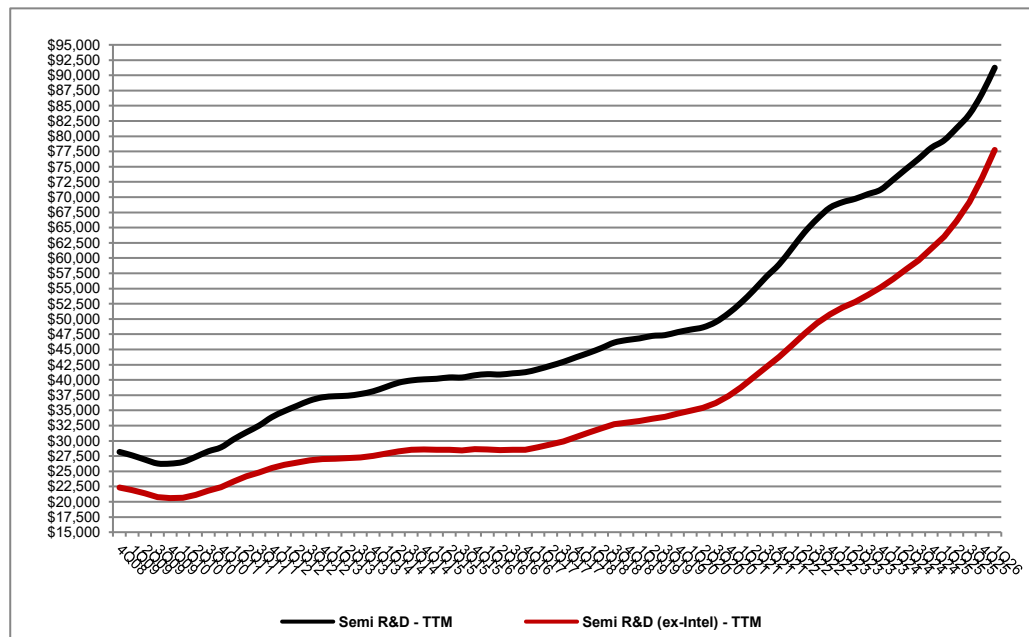
Semiconductor R&D: the Great Inflection

- ***Semiconductor R&D spending*** has been increasing each year since 2010, including >11% in 2025 to >\$87 billion.
- ***Excluding Intel, R&D was up 19% in 2025 and 22% for TTM ended 1Q26.***
- *For the TTM ended 1Q26, Nvidia's R&D was nearly equivalent to combined AMD-ARM-Qualcomm R&D.*
- *Nvidia's R&D surpassed Intel's as of 1Q25...its commercial EDA spending too is closing the gap.*

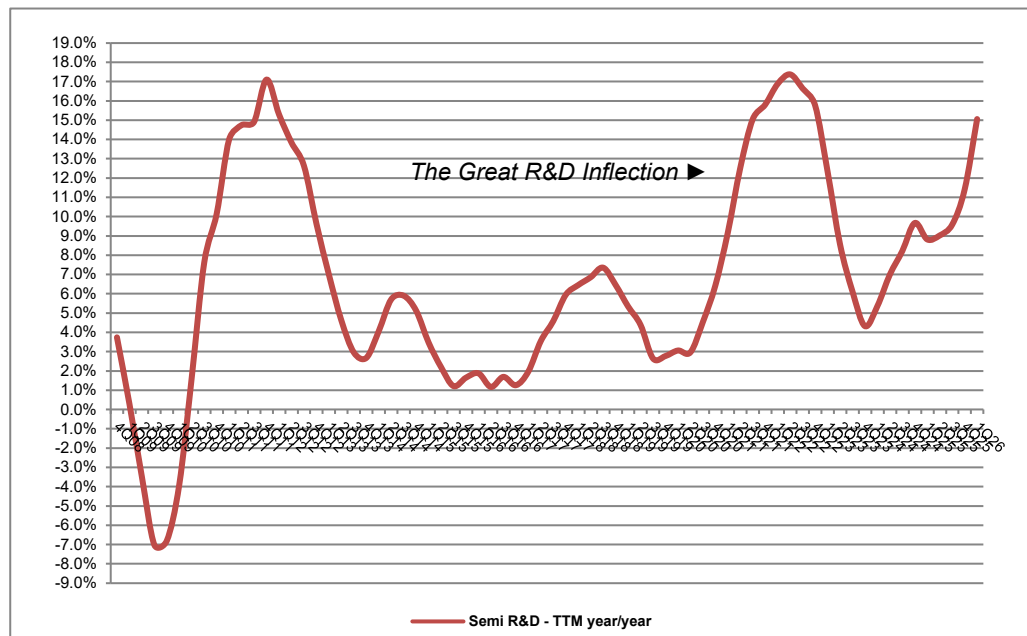
Semiconductor R&D

- *EDA as a percent of semiconductor R&D has trended higher: an average of ≈ 18.0 - 18.5% over the past five years – as compared with $\approx 16.0\%$ - 16.5% during the prior five years.*

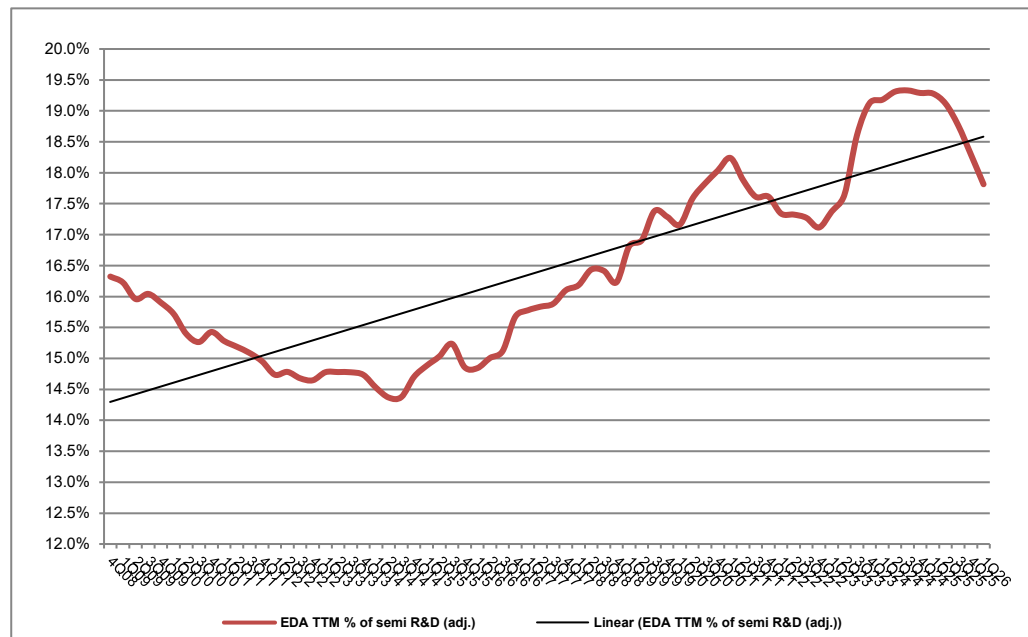
Semiconductor TTM R&D, 2008-1Q26



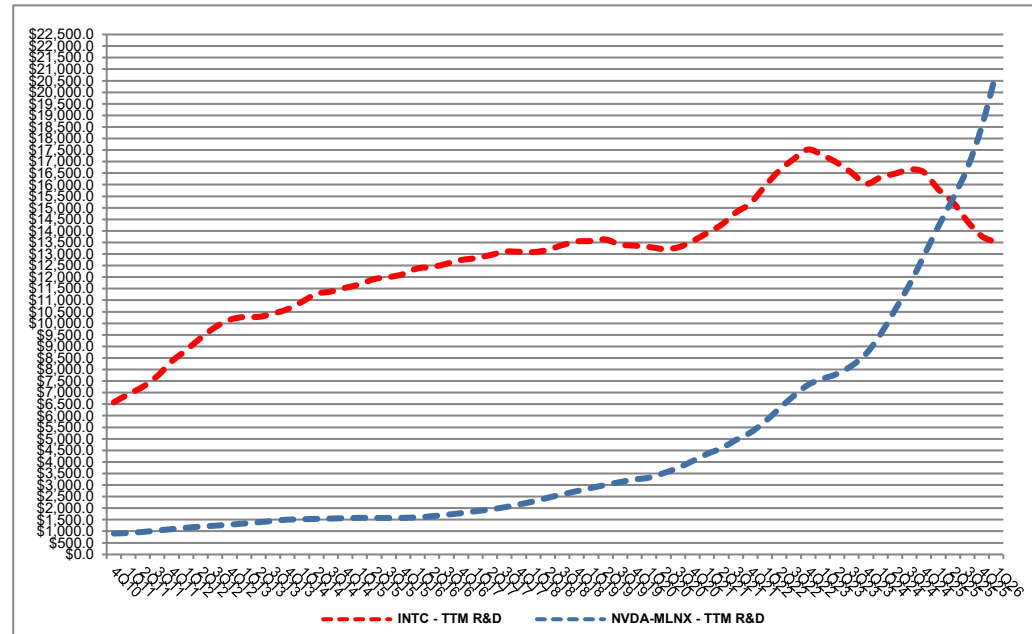
Semiconductor R&D, *TTM year/year*, 2008-1Q26



EDA as TTM % of semiconductor R&D, 2008-1Q26

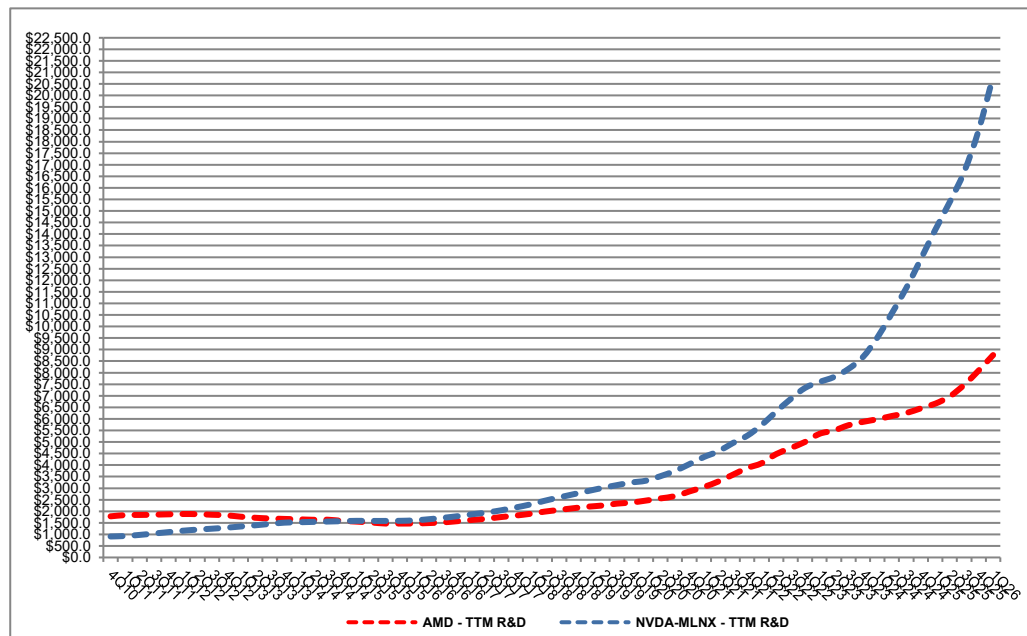


Intel-Nvidia R&D, 2010-1Q26: *when worlds collide*





AMD-Nvidia TTM R&D, 2010-1Q26



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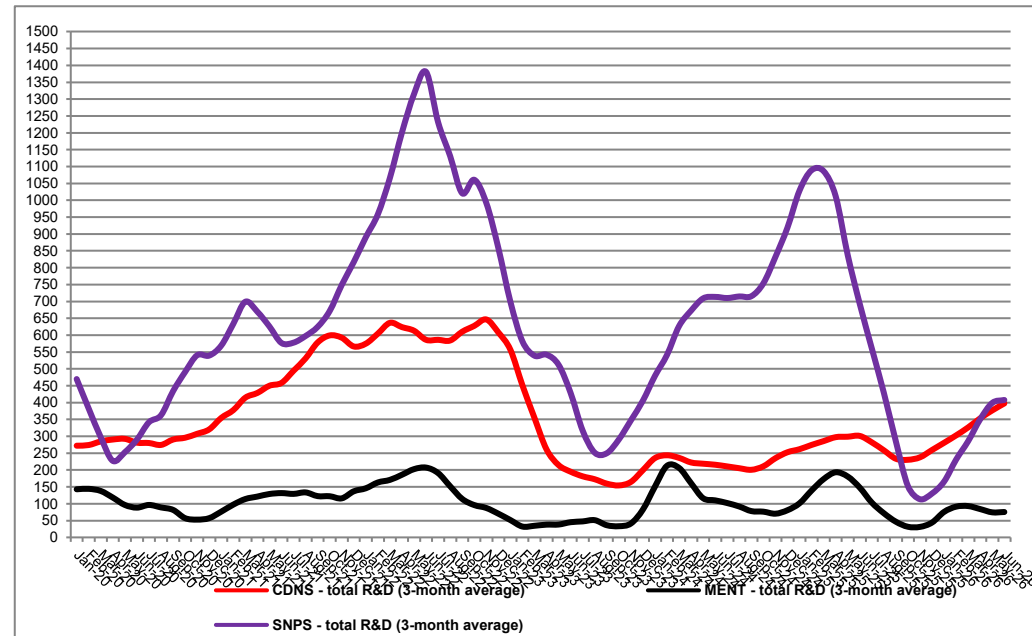


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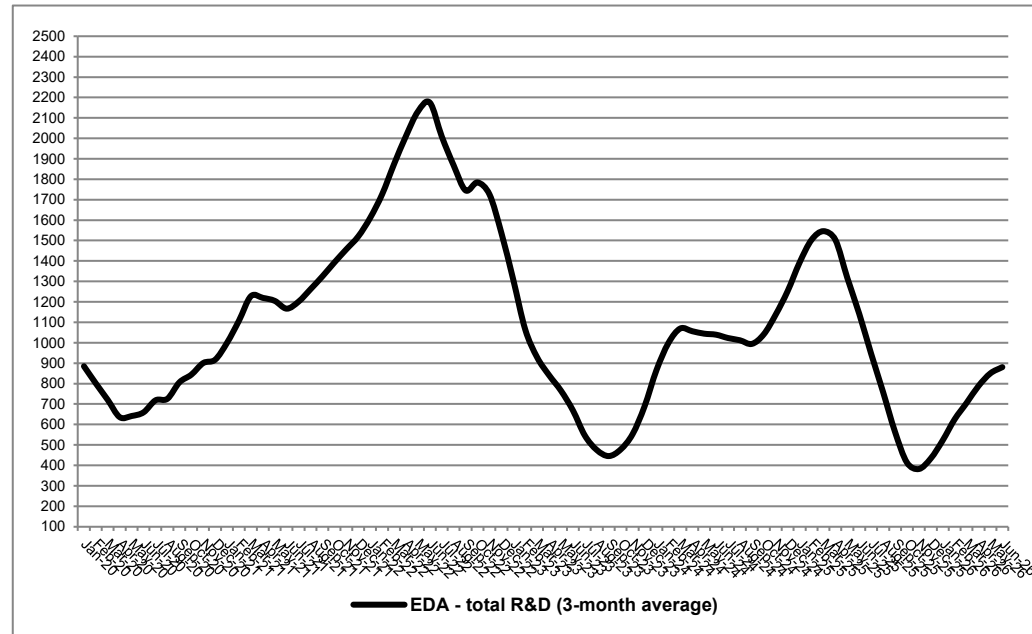
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<The EDA headcount arms race>

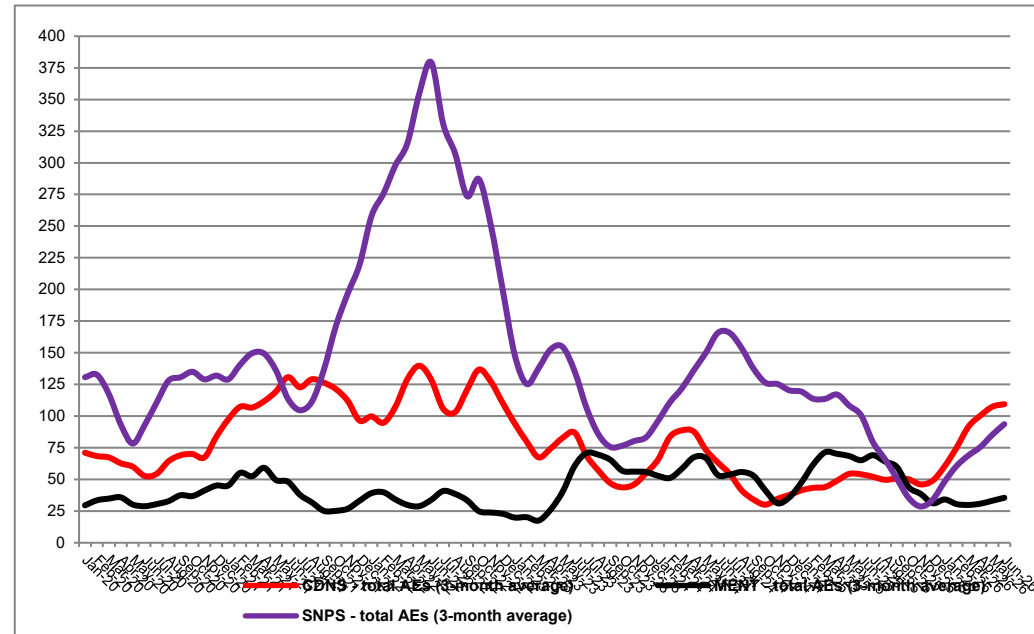
Big 3 open R&D positions, 2020 – June 2026



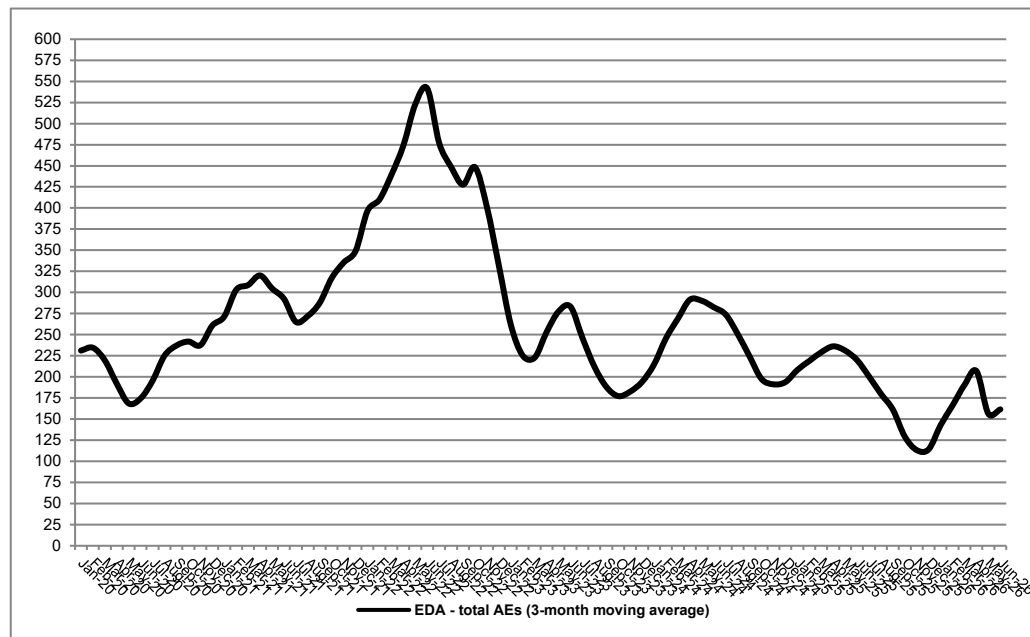
Big 3 total R&D positions, 2020 – June 2026



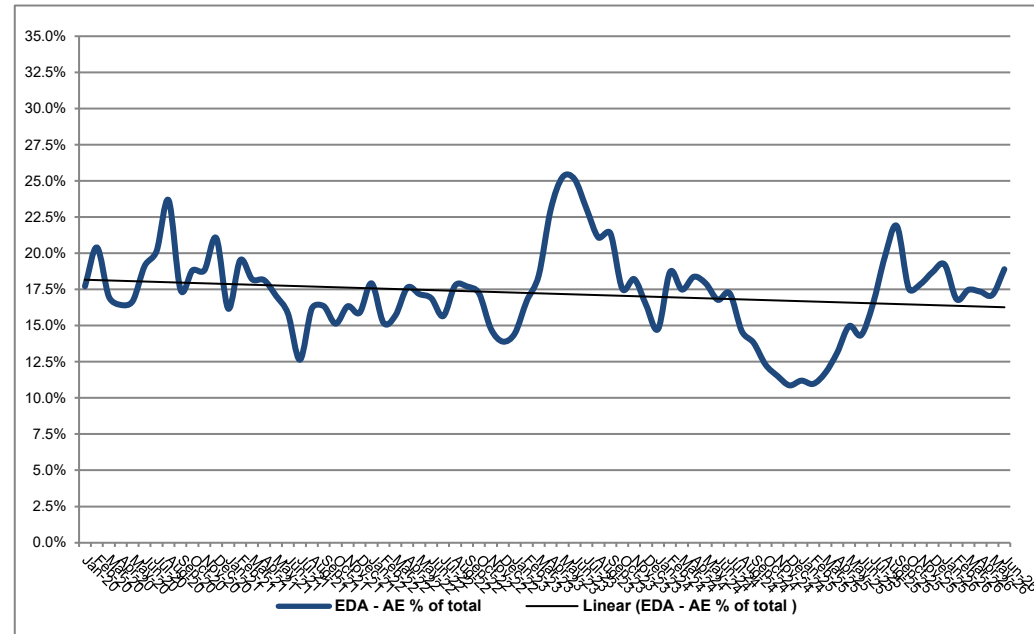
Big 3, open AE positions, 2020 – June 2026



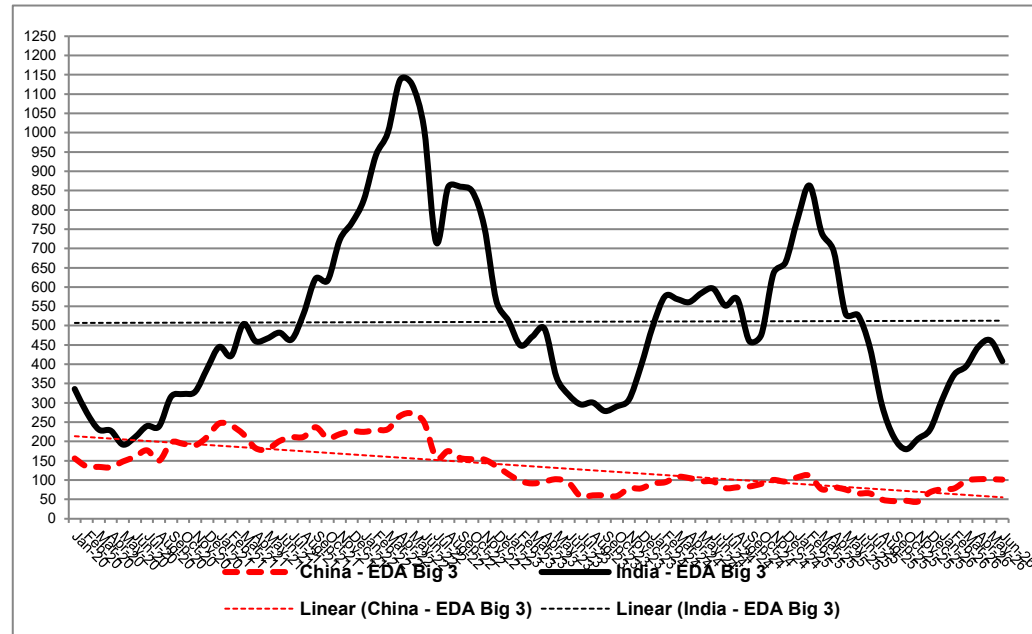
Big 3, total open AE positions, 2020 – June 2026



Big 3 AE openings, % of total



Big 3, India & China openings



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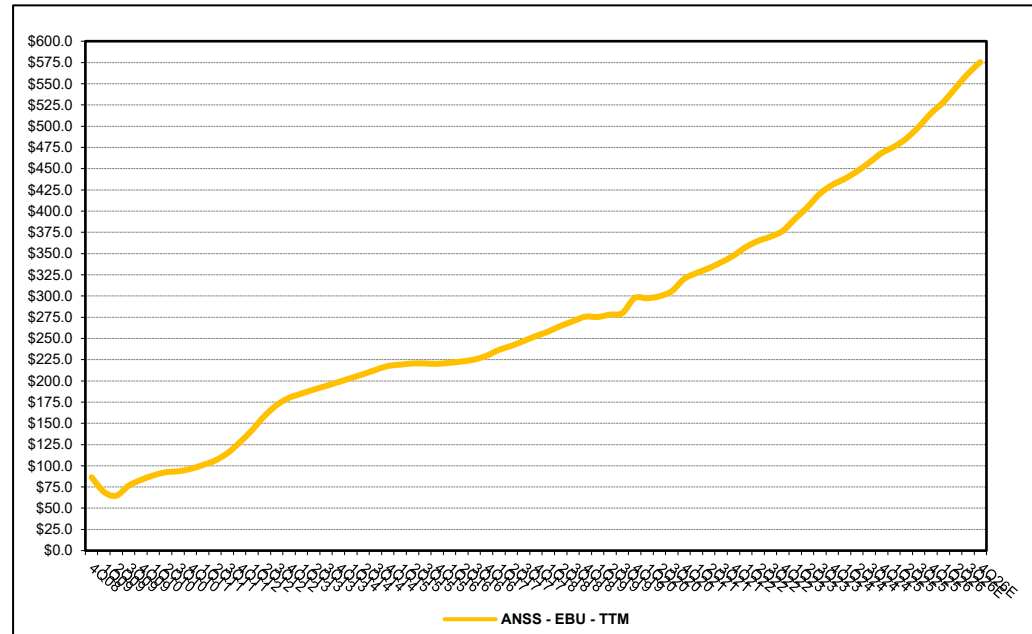


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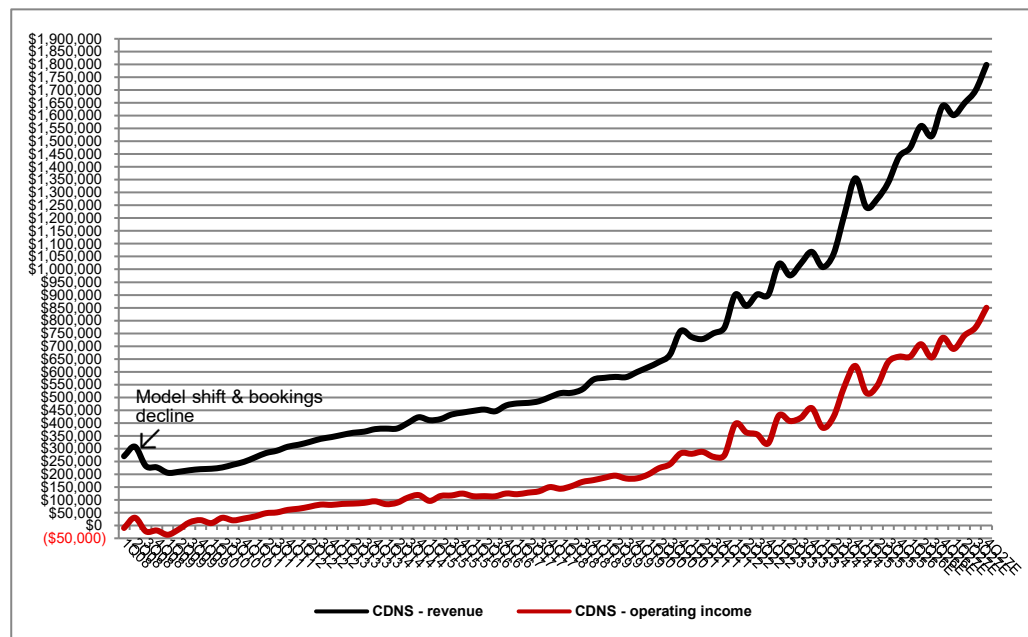
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Company reports

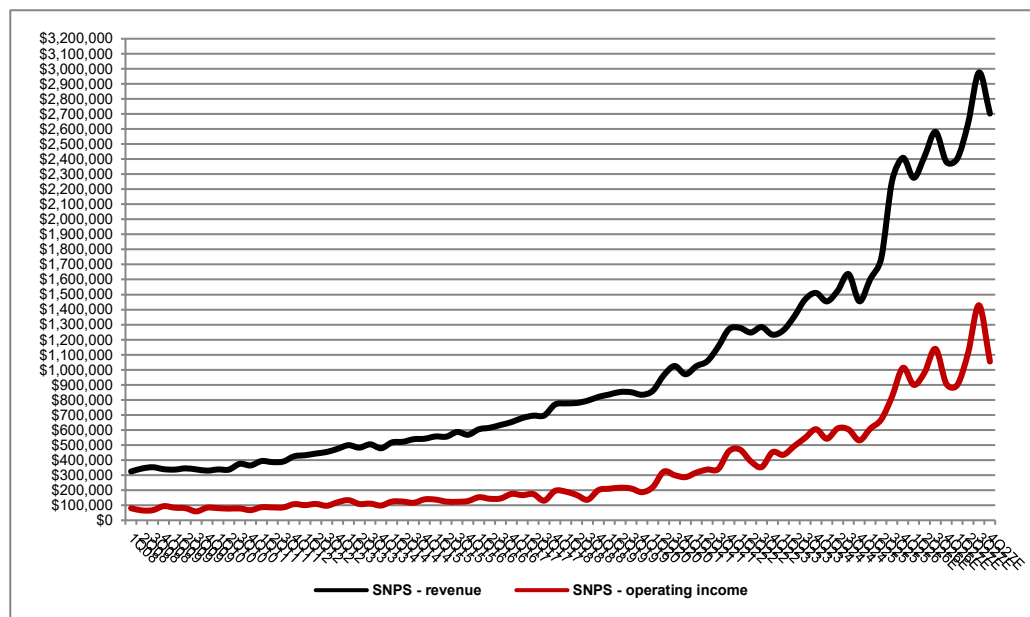
Ansys, EDA revenues, 2008-2026E



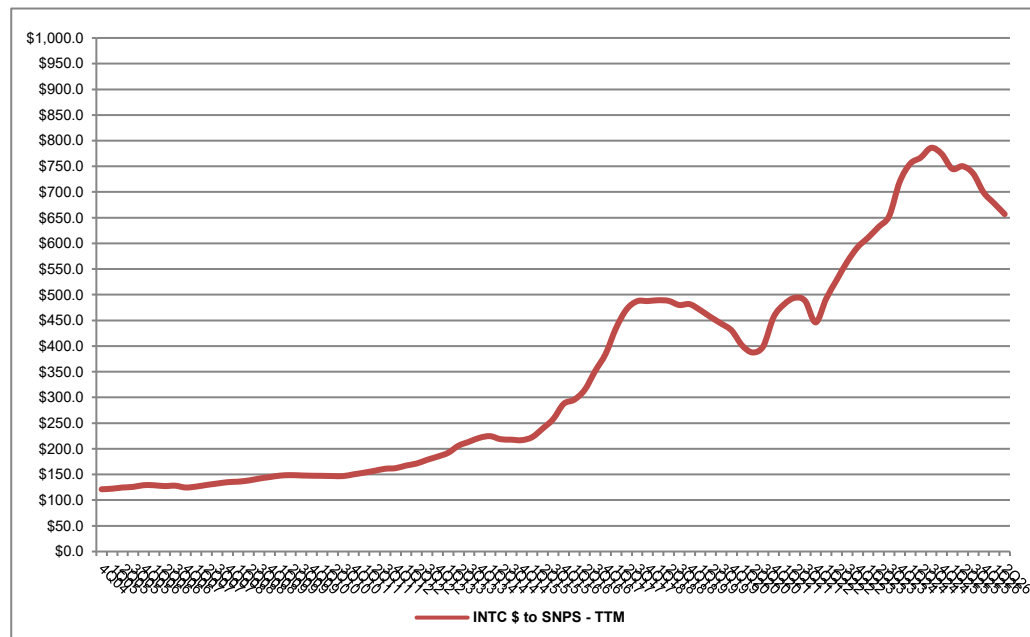
Cadence, revenue & income, FY08-FY26E



Synopsys, revenue & income, 2008-2027E



Synopsys: Intel, TTM revenues, FY04-2QFY26



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<Questions & Comments>



Price Objectives & Associated Risks

Cadence Design Systems

We have established a price objective of \$384. Our price target assumes the shares can trade at a double multiple of revenues, above historical ranges, based on the improvements in growth, operating margin, backlog, and cash flow characteristics. The risks to our rating include macroeconomic and industry conditions; the timing and amount of bookings, including run-rates; the timing and adoption of new products; the integration of acquisitions; and competition.

Synopsys

We have established a price objective of \$560. Our price target assumes the shares can trade at a double multiple of revenues, above historical ranges, based on the improvements in growth, operating margin, backlog, and cash flow characteristics. The risks to our rating include macroeconomic and industry conditions; the timing and amount of bookings, including run-rates; the timing and adoption of new products; the integration of acquisitions; and competition.

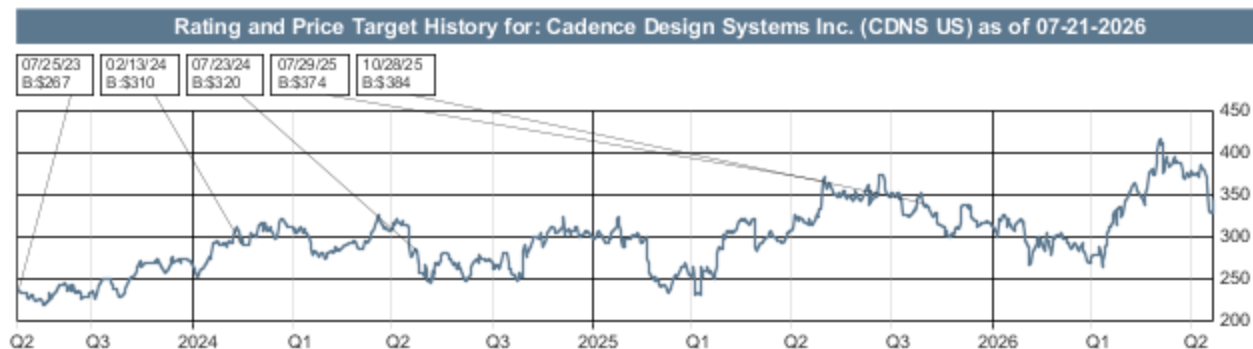
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