Ambiq Micro, Inc.

AMBQ

NYSE; business equipment; SIC 3674, Semiconductors & Related Devices; CIK 0001500412

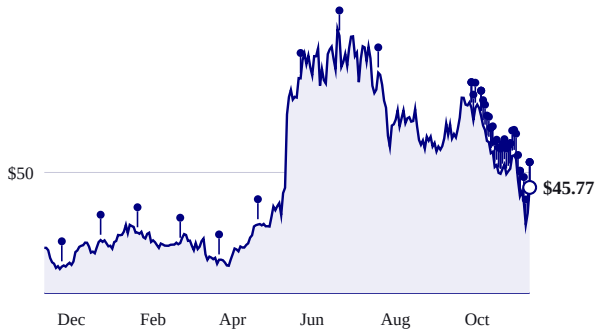
None

No letter

3 of 14 inputs computable; 7 are required, with a score in every sleeve

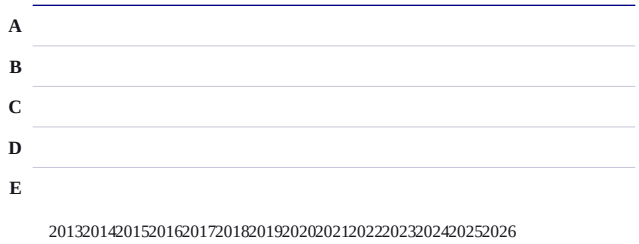
Scoreboard	
Reliability	0.87 AUC filers with $120M to $591M assets; 95% interval 0.83 to 0.90; 206 events, 2020 to 2025
Peer failure rate	1.03% a year Item 1.03 bankruptcies, same asset band, 2012 to 2025
Size band	$120M to $591M assets total assets $184.7M
Standard universe	inside revenue above $1M and assets above $10M
Warnings	thin data not computable: dilution, distress, fortress balance sheet
Inputs computable	3 of 14
Graded from	filings received through Mar 5, 2026 250 days before the rescan; latest periodic filing 10-Q received Aug 11, 2026
Last close	$45.81 2026-11-09; market equity $1.1B; no price enters the letter

Share price, twelve months to the rescan



Split-adjusted close. Each lollipop is a rescan and carries the letter held then.

Letter at every rescan, 2012 to 2026



Sector percentile at each rescan, stronger toward the top; facts filed by each date only.

Business, in the company's words

opening of Item 1 of the 10-K received Mar 5, 2026

We are a pioneer and leading provider of ultra-low power semiconductor solutions designed to address the significant power consumption challenges of general purpose and AI compute - especially at the edge. Our customers rely on Ambiq to deliver AI compute closer to end users (edge environments) where power consumption challenges are the most severe. Our leading position is built upon our hardware and software innovations that deliver two to five times lower power consumption than traditional semiconductor designs. Our products power over 290 million devices today. In 2025, we estimate that over 80% of our products ran AI algorithms.

The fourteen inputs

lower percentile is stronger; sleeves and inputs within a sleeve carry equal weight

Input	Value	Peer median	Percentile, 0 to 100	Pct	Peers	Period end
Profitability, sleeve percentile 67.5						
Gross profitability	17.4%	28.7%		67.5	552	2025-12-31
Return on invested capital	not computable	11.4%				

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one or more required annual facts are missing						
Accruals ratio	not computable	(7.3%)				
a prior annual assets observation is required						
Gross margin stability, five years	not computable	2.3 pts				
five annual gross margins are required; found 1						
Solvency, sleeve percentile 15.1						
Twelve-month failure probability	not computable	0.06%				
latest liabilities, cash plus short-term investments, book equity, and shares are required						
Altman Z double-prime	5.22	2.21		21.4	562	2025-12-31
Net debt to EBITDA	not computable	1.08x				
one or more required annual facts are missing						
Interest coverage	not computable	3.77x				
one or more required annual facts are missing						
Current ratio	8.76x	2.01x		8.8	660	2025-12-31
Growth and financing						
Revenue growth, three-year compound	not computable	6.5%				
four annual observations are required; found 1						
Free cash flow growth, three-year compound	not computable	18.0%				
four consecutive annual FCF observations are required; found 0						
Reinvestment rate	not computable	13.5%				
one or more required annual facts are missing						
Asset growth, three years	not computable	5.2%				
four annual observations are required; found 1						
Net share issuance, one year	not computable	0.5%				
two annual share counts are required; found 1						

Warnings

1 of 7 checks triggered; none of them enters the letter

Check	Measured
Thin data	3 of 14 grade factors are computable; minimum is 7

What the price implies

at the 2026-11-09 close; none of these enters the grade

Measure	Value	Peer median	Percentile
Twelve-month price change, skipping the latest month	123.1%	(2.0%)	93
Distance from 52-week high	(49.4%)	(33.6%)	32
EBIT to enterprise value	not computable	1.7%	
Free cash flow yield	not computable	2.8%	
Book value to price	0.37	0.27	60
Sales to price	0.07	0.31	10
Composite equity issuance, five years	not computable	4.2%	
Relative strength against the sector, log excess return	0.53	(0.29)	93

Diagnostics

shown on every report; none enters the grade

Measure	Value
Piotroski F-score None of 9, period end 2025-12-31	
Return on assets above zero	fail
Operating cash flow above zero	fail
Return on assets improved	fail
Operating cash flow exceeds net income	pass
Long-term leverage fell	fail

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Current ratio improved	fail
No new shares issued	fail
Gross margin improved	fail
Asset turnover improved	fail

Cash, filings, liquidity

Cash and equivalents	$366.8M
Operating cash flow, four quarters	-$29.8M
Months of runway	147.6
Days since last periodic filing	91 (10-Q received Aug 11, 2026)
Median daily dollar volume, 63 sessions	$24.3M

Sources

every fact behind the inputs; each row links to its filing index on sec.gov

#	Concept	XBRL tag	Value	Period end	Received	Form	Accession
1	gross profit	us-gaap:GrossProfit	$32.1M	2025-12-31	2026-03-05	10-K	26-094004
2	assets	us-gaap:Assets	$184.7M	2025-12-31	2026-03-05	10-K	26-094004
3	net income	us-gaap:NetIncomeLoss	-$36.5M	2025-12-31	2026-03-05	10-K	26-094004
4	operating cash flow	us-gaap:NetCashProvidedByUsedInOperatingActivities	-$19.7M	2025-12-31	2026-03-05	10-K	26-094004
5	current assets	us-gaap:AssetsCurrent	$167.9M	2025-12-31	2026-03-05	10-K	26-094004
6	current liabilities	us-gaap:LiabilitiesCurrent	$19.2M	2025-12-31	2026-03-05	10-K	26-094004
7	retained earnings	us-gaap:RetainedEarningsAccumulatedDeficit	-$356.7M	2025-12-31	2026-03-05	10-K	26-094004
8	operating income	us-gaap:OperatingIncomeLoss	-$39.5M	2025-12-31	2026-03-05	10-K	26-094004
9	book equity	us-gaap:StockholdersEquity	$162.5M	2025-12-31	2026-03-05	10-K	26-094004
10	liabilities	us-gaap:Liabilities	$22.2M	2025-12-31	2026-03-05	10-K	26-094004
11	revenue	us-gaap:RevenueFromContractWithCustomerExcludingA...	$72.5M	2025-12-31	2026-03-05	10-K	26-094004
12	shares outstanding	dei:EntityCommonStockSharesOutstanding	21,262,691	2026-03-02	2026-03-05	10-K	26-094004

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