

Magnachip Semiconductor Corp. (MX)

NYSE; business equipment; SIC 3674, Semiconductors & Related Devices; CIK 0001325702

Magnachip Semiconductor Corp.
MX; business equipment

Grade

D

fourth fifth of 497 graded peers
percentile 69.8; sampling error 2.2 points; lower is stronger

Rank

347 of 497

Profitability

D/E

percentile 80.7

Solvency

A/B

percentile 19.9

Growth and financing

D

percentile 68.3

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 \$351.5M

Standard universe

inside
revenue above \$1M and assets above \$10M

Warnings

none active; fortress balance sheet
not computable: distress

Inputs computable

8 of 14

Graded from

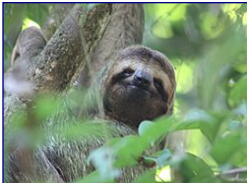
filings received through Mar 16, 2026
207 days before the rescans; latest periodic filing 10-Q
received Aug 10, 2026

Last close

\$3.15
2026-10-08; market equity \$115.2M

Price used in grade

None



D, the sloth

fourth fifth of its sector; letters are fifths of the 497 graded peers

Share price, twelve months to the rescan

split-adjusted close; the letter is fixed at the rescan that set it



Rescans on file: B/C from Nov 21, 2025, C from Dec 21, 2025, B/C from Jan 21, 2026

Letter at every rescans

Jan 21, 2012 to Oct 9, 2026; sector percentile, 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 16, 2026

We are a designer and manufacturer of analog and mixed-signal power semiconductor platform solutions for various applications, including industrial, automotive, communication, consumer and computing. We have a proven record with approximately 45 years of operating history, a portfolio of more than 950 registered patents and pending applications and extensive engineering and manufacturing process expertise. We develop and manufacture Power discrete ("Power Analog Solutions") products and Power

integrated circuit ("IC") products.

The fourteen inputs

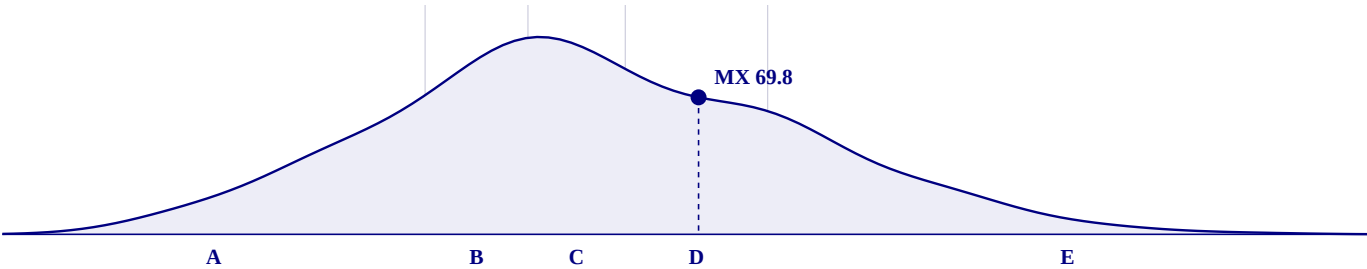
lower percentile is stronger; equal-weighted sleeves

Input	Percentile, 0 to 100	Value	Peer median	Percentile	Peers	Period end
Profitability, sleeve percentile 80.7						
Gross profitability		8.9%	28.5%	83.3	558	2025-12-31
Return on invested capital		not computable	10.9%			a prior annual debt, equity, and cash observation is required
Accruals ratio		(1.5%)	(7.4%)	81.9	621	2025-12-31
Gross margin stability, five years		5.8 pts	2.4 pts	76.9	429	2025-12-31
Solvency, sleeve percentile 19.9						
Twelve-month failure probability		not computable	0.05%			latest liabilities, cash plus short-term investments, book equity, and shares are required
Altman Z double-prime		6.32	2.18	17.3	566	2025-12-31
Net debt to EBITDA		not computable	1.11x			latest aligned inputs end 2020-12-31; latest annual assets end 2025-12-31
Interest coverage		not computable	3.77x			latest aligned inputs end 2012-12-31; latest annual assets end 2025-12-31
Current ratio		4.07x	2.02x	22.4	666	2025-12-31
Growth and financing, sleeve percentile 68.3						
Revenue growth, three-year compound		(19.1%)	6.4%	92.9	538	2025-12-31
Free cash flow growth, three-year compound		not computable	17.2%			current FCF must be positive and base FCF must exceed \$100,000
Reinvestment rate		not computable	14.3%			NOPAT must exceed \$100,000
Asset growth, three years		(12.0%)	5.0%	85.2	563	2025-12-31
Net share issuance, one year		(1.2%)	0.5%	26.6	407	2026-03-13

Warnings

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

Check	Measured
Fortress balance sheet	cash minus debt is 196,461,000 USD; Altman Z is not used



Composite score of every graded peer, smoothed; vertical rules are the letter band edges; stronger to the left.

Rank	Company	Percentile	Letter	Warnings
342	Appian Corp. (APPN)	68.8	D	
343	First Advantage Corp. (FA)	69.0	D	
344	Science Applications International Corp. (SAIC)	69.2	D	
345	Rekor Systems, Inc. (REKR)	69.4	D	fortress
				balance sheet
346	i3 Verticals, Inc. (IIIV)	69.6	D	fortress
				balance sheet
347	Magnachip Semiconductor Corp. (MX) <	69.8	D	fortress
				balance sheet
348	Bruker Corp. (BRKR)	70.1	D	
349	Bruker Corp. (BRKRP)	70.1	D	
350	Cars.com Inc. (CARS)	70.4	D	
351	Blackbaud Inc. (BLKB)	70.6	D	
352	DigitalOcean Holdings, Inc. (DOCN)	70.8	D	

What the price implies

at the 2026-10-08 close; none enters the grade

Measure	Value	Peer median	Percentile
Twelve-month price change, skipping the latest month	0.0%	2.2%	49
Distance from 52-week high	(64.6%)	(30.0%)	15
EBIT to enterprise value	(52.0%)	1.5%	7
Free cash flow yield	(47.0%)	2.7%	7
Book value to price	1.96	0.23	95
Sales to price	1.55	0.30	85
Composite equity issuance, five years	(23.4%)	3.9%	9
Relative strength against the sector, log excess return	(0.28)	(0.26)	49

Diagnostics

not in the grade

Measure	Value
Piotroski F-score 4 of 9, period end 2025-12-31	
Return on assets above zero	fail
Operating cash flow above zero	fail
Return on assets improved	pass
Operating cash flow exceeds net income	pass
Long-term leverage fell	fail
Current ratio improved	fail
No new shares issued	pass
Gross margin improved	fail
Asset turnover improved	pass
Cash, filings, liquidity	
Cash and equivalents	\$87.9M

Operating cash flow, four quarters	-\$24.2M
Months of runway	43.6
Days since last periodic filing	60 (10-Q received Aug 10, 2026)
Median daily dollar volume, 63 sessions	\$2.4M

Sources

each row links to the filing index on sec.gov

#	Concept	XBRL tag	Value	Period end	Received	Form	Accession
1	gross profit	us-gaap:GrossProfit	\$31.4M	2025-12-31	2026-03-16	10-K	0001193125-26-108435
2	assets	us-gaap:Assets	\$351.5M	2025-12-31	2026-03-16	10-K	0001193125-26-108435
3	operating income	us-gaap:OperatingIncomeLoss	\$27.0M	2020-12-31	2023-02-22	10-K	0001193125-23-044850
4	pretax income	us-gaap:IncomeLossFromContinuingOperationsBeforeIncomeTaxesExtraord	\$110.5M	2020-12-31	2023-02-22	10-K	0001193125-23-044850
5	income tax	us-gaap:IncomeTaxExpenseBenefit	-\$46.2M	2020-12-31	2023-02-22	10-K	0001193125-23-044850
6	total debt	us-gaap:LongTermDebt	\$83.5M	2020-12-31	2021-03-09	10-K	0001193125-21-073817
7	book equity	us-gaap:StockholdersEquity	\$345.6M	2020-12-31	2024-03-08	10-K	0001193125-24-063674
8	cash	us-gaap:CashAndCashEquivalentsAtCarryingValue	\$279.9M	2020-12-31	2022-02-23	10-K	0001193125-22-050017
9	net income	us-gaap:NetIncomeLoss	-\$29.7M	2025-12-31	2026-03-16	10-K	0001193125-26-108435
10	operating cash flow	us-gaap:NetCashProvidedByUsedInOperatingActivities	-\$24.2M	2025-12-31	2026-03-16	10-K	0001193125-26-108435
11	assets	us-gaap:Assets	\$379.3M	2024-12-31	2026-03-16	10-K	0001193125-26-108435
12	revenue	us-gaap:Revenues	\$178.9M	2025-12-31	2026-03-16	10-K	0001193125-26-108435
13	gross profit	us-gaap:GrossProfit	\$38.7M	2024-12-31	2026-03-16	10-K	0001193125-26-108435
14	revenue	us-gaap:Revenues	\$196.4M	2024-12-31	2026-03-16	10-K	0001193125-26-108435
15	gross profit	us-gaap:GrossProfit	\$51.6M	2023-12-31	2025-03-14	10-K	0001193125-25-054851
16	revenue	us-gaap:Revenues	\$230.1M	2023-12-31	2025-03-14	10-K	0001193125-25-054851
17	gross profit	us-gaap:GrossProfit	\$101.3M	2022-12-31	2024-03-08	10-K	0001193125-24-063674
18	revenue	us-gaap:Revenues	\$337.7M	2022-12-31	2024-03-08	10-K	0001193125-24-063674
19	gross profit	us-gaap:GrossProfit	\$153.5M	2021-12-31	2024-03-08	10-K	0001193125-24-063674
20	revenue	us-gaap:Revenues	\$474.2M	2021-12-31	2024-03-08	10-K	0001193125-24-063674
21	current assets	us-gaap:AssetsCurrent	\$176.9M	2025-12-31	2026-03-16	10-K	0001193125-26-108435
22	current liabilities	us-gaap:LiabilitiesCurrent	\$43.4M	2025-12-31	2026-03-16	10-K	0001193125-26-108435
23	retained earnings	us-gaap:RetainedEarningsAccumulatedDeficit	\$214.9M	2025-12-31	2026-03-16	10-K	0001193125-26-108435
24	operating income	us-gaap:OperatingIncomeLoss	-\$35.9M	2025-12-31	2026-03-16	10-K	0001193125-26-108435
25	book equity	us-gaap:StockholdersEquity	\$248.2M	2025-12-31	2026-03-16	10-K	0001193125-26-108435
26	liabilities	us-gaap:Liabilities	\$103.3M	2025-12-31	2026-03-16	10-K	0001193125-26-108435
27	depreciation amortization	us-gaap:DepreciationDepletionAndAmortization	\$16.5M	2020-12-31	2023-02-22	10-K	0001193125-23-044850
28	operating income	us-gaap:OperatingIncomeLoss	\$84.3M	2012-12-31	2015-05-28	10-K	0001193125-15-204040
29	interest expense	us-gaap:InterestExpense	\$22.6M	2012-12-31	2013-02-22	10-K	0001193125-13-070260
30	capital expenditure	us-gaap:PaymentsToAcquirePropertyPlantAndEquipment	\$30.0M	2025-12-31	2026-03-16	10-K	0001193125-26-108435
31	operating cash flow	us-gaap:NetCashProvidedByUsedInOperatingActivities	-\$6.1M	2024-12-31	2026-03-16	10-K	0001193125-26-108435
32	capital expenditure	us-gaap:PaymentsToAcquirePropertyPlantAndEquipment	\$11.6M	2024-12-31	2026-03-16	10-K	0001193125-26-108435
33	operating cash flow	us-gaap:NetCashProvidedByUsedInOperatingActivities	-\$3.0M	2023-12-31	2025-03-14	10-K	0001193125-25-054851
34	capital expenditure	us-gaap:PaymentsToAcquirePropertyPlantAndEquipment	\$7.0M	2023-12-31	2025-03-14	10-K	0001193125-25-054851
35	operating cash flow	us-gaap:NetCashProvidedByUsedInOperatingActivities	\$5.2M	2022-12-31	2024-03-08	10-K	0001193125-24-063674
36	capital expenditure	us-gaap:PaymentsToAcquirePropertyPlantAndEquipment	\$23.4M	2022-12-31	2024-03-08	10-K	0001193125-24-063674
37	depreciation amortization	us-gaap:DepreciationDepletionAndAmortization	\$13.0M	2025-12-31	2026-03-16	10-K	0001193125-26-108435
38	pretax income	us-gaap:IncomeLossFromContinuingOperationsBeforeIncomeTaxesExtraord	\$110.5M	2020-12-31	2023-02-22	10-K	0001193125-26-108435
39	income tax	us-gaap:IncomeTaxExpenseBenefit	-\$17.9M	2025-12-31	2026-03-16	10-K	0001193125-26-108435
40	current assets	us-gaap:AssetsCurrent	\$219.2M	2024-12-31	2026-03-16	10-K	0001193125-26-108435
41	current liabilities	us-gaap:LiabilitiesCurrent	\$46.3M	2024-12-31	2026-03-16	10-K	0001193125-26-108435
42	assets	us-gaap:Assets	\$420.5M	2023-12-31	2025-03-14	10-K	0001193125-25-054851
43	assets	us-gaap:Assets	\$516.6M	2022-12-31	2024-03-08	10-K	0001193125-24-063674
44	shares outstanding	dei:EntityCommonStockSharesOutstanding	36,440,854	2026-03-13	2026-03-16	10-K	0001193125-26-108435
45	shares outstanding	dei:EntityCommonStockSharesOutstanding	36,883,279	2025-02-28	2025-03-14	10-K	0001193125-25-054851