GRYNING | Trade Idea's | 04 Dec 2023

AI Score

1 — Strong Sell
2 3 — Sell
4 5 6 — Hold
7 8 9 — Buy
10 — Strong Buy
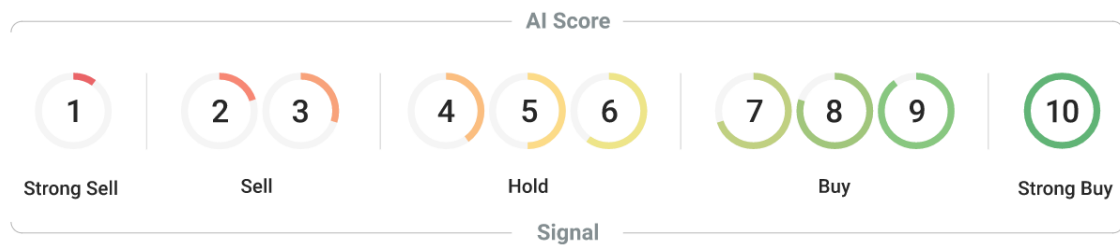
Signal

Summary Table

| Ticker	Name	Past Win Rate After 3M	Current Al Score	Avg. Past Perf. After 3M	Buy Signals (Days)	Market Cap
GDYN	Grid Dynamics Holdings Inc	95.00%	7	23.04%	160	950.17M
VIST	Vista Energy S.A.B. de C.V ADR	92.83%	7	27.31%	265	2.89B
MORF	MORF Healthcare	83.24%	7	28.31%	185	1.21B
BILL	BILL BILL Holdings Inc	83.15%	9	20.57%	279	7.27B
SE	Sea Ltd ADR	82.94%	9	22.76%	299	19.46B

GDYN | Grid Dynamics Holdings Inc

Fundamental 6 | Technical 5 | Sentiment 7 | Low Risk 1
AI Score 7 | Buy
#263 of 708 in Information Technology, #42 of 127 in IT Services

- GDYN overall odds of beating the market (S&P500) **38.51%** vs all stocks average probability 36.48%.

In the 3-month price forecast, the central dotted line shows the most expected price path of **+22.98%**. The expected price range is **−5.74%** to **+51.66%** based on previous BUY signals with a 90% confidence level:
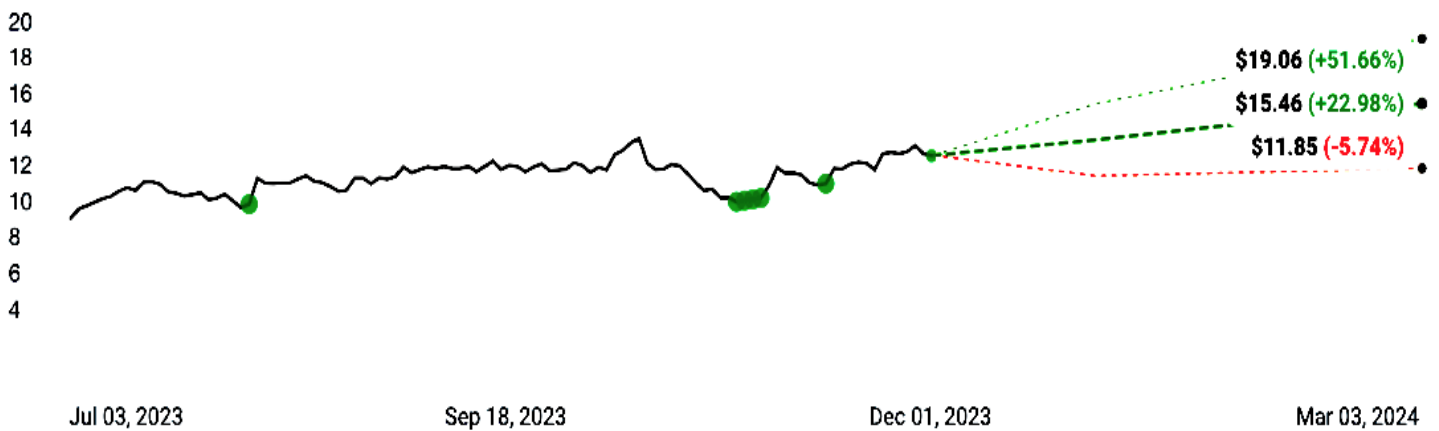
Three (3) months after each of its 166 BUY signals (since Jan 2017), GDYN achieved a **95.00%** win rate (positive performance cases) and a **23.04%** average performance.

166 Past GDYN Buy Signals	1 Month Later	3 Months Later	6 Months Later	1 Year Later
Average Performance	6.90%	23.04%	76.89%	96.94%
Average Alpha	4.07%	15.78%	62.28%	77.33%
Win Rate (% Positive Perf.)	78.66%	95.00%	100.00%	73.58%
% Positive Alpha	68.90%	76.25%	96.86%	66.67%

The AI-powered overall analysis and BUY rating is based on 20 fundamental, technical and sentiment features that are among the ones that had the greatest impact on the performance of stocks during the last 12 months (alpha signals). Below are the Top 10 alpha signald ordered by odds the beat the market.

Type	Alpha Sgnal	Current Value	Odds to Beat Market	Signal Relevance
Technical	Chart pattern 180d	n/a	16.09%	99/100
Technical	Chart pattern 90d	n/a	17.58%	98/100
Sentiment	Price target upside > 30%	YES	49.51%	96/100
Sentiment	Price target upside > 40%	YES	49.18%	95/100
Sentiment	Sector	Technology	48.28%	94/100
Sentiment	Price target upside > 20% (ext 6)	YES	47.99%	93/100
Fundamental	EV to EBITDA	765.57	46.58%	89/100
Fundamental	Profit Margin	-9.95%	45.97%	87/100
Fundamental	ROI (ttm)	-2.99%	45.85%	87/100
Technical	RSI SLOPE 90d	-0.05	45.83%	87/100
Sentiment	Analysts mean recommendation	1.33	45.75%	86/100
Sentiment	Average Price Target Upside (%)	65.08%	45.68%	86/100
Fundamental	Earnings before interest and taxes (EBIT) margin	-7.48%	45.32%	85/100
Fundamental	Operating profit margin	-7.48%	45.22%	84/100
Technical	Doji Star pattern	YES	45.18%	84/100
Sentiment	Price target upside > 10%	YES	45.13%	84/100
Technical	MINUS DI 300d	21.56	45.11%	84/100
Fundamental	Return on equity	-2.21%	45.09%	83/100
Technical	SAR 90d (in dollars)	-0.07	44.91%	82/100
Fundamental	Profit Margin pre-max	-5.38%	44.88%	82/100

**VIST | Vista Energy S.A.B de C.V ADR**

Fundamental 8 | Technical 6 | Sentiment 8 | Low Risk 2
AI Score 7 | Buy
#113 of 273 in Energy, #76 of 208 in Oil, Gas & Consumable Fuels

- VIST overall odds of beating the market (S&P500) **38.51%** vs all stocks average probability 36.48%.

In the 3-month price forecast, the central dotted line shows the most expected price path of +**27.24%**. The expected price range is -**9.33%** to +**63.81%** based on previous BUY signals with a 90% confidence level:
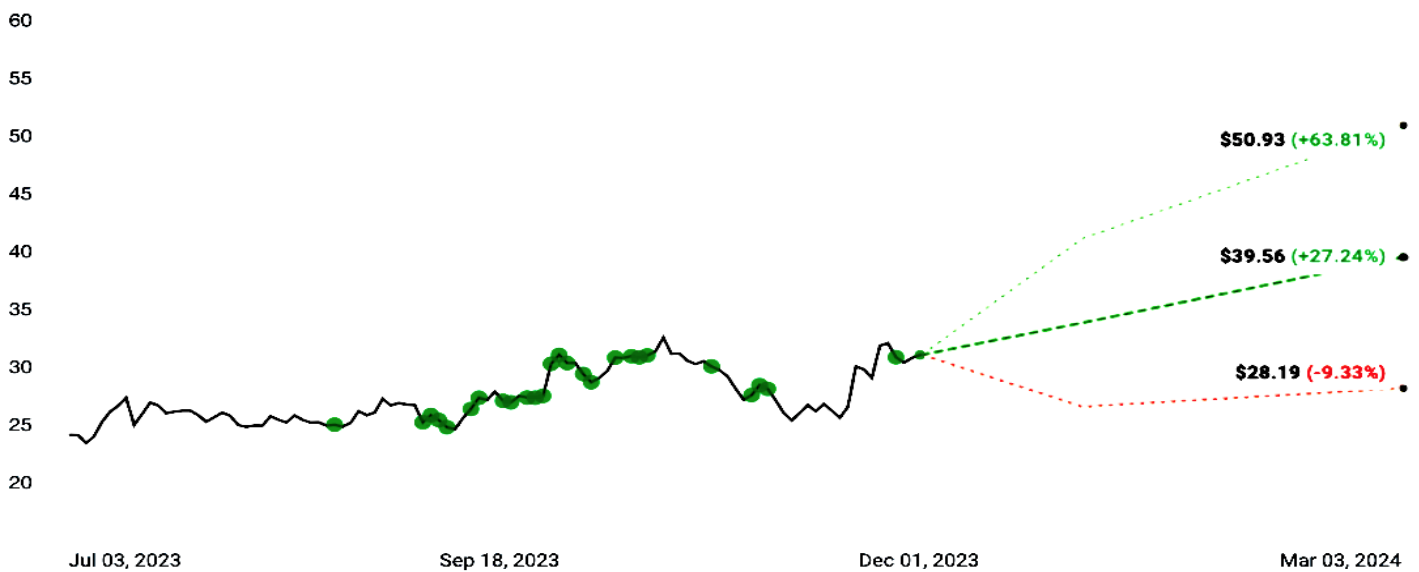
Three (3) months after each of its 292 BUY signals (since Jan 2017), VIST achieved a **92.83%** win rate (positive performance cases) and a **27.31%** average performance.

292 Past VIST Buy Signals	1 Month Later	3 Months Later	6 Months Later	1 Year Later
Average Performance	8.92%	27.31%	48.81%	146.78%
Average Alpha	9.05%	26.22%	47.40%	145.87%
Win Rate (% Positive Perf.)	74.91%	92.83%	99.10%	100.00%
% Positive Alpha	72.47%	89.81%	94.17%	100.00%

The AI-powered overall analysis and BUY rating is based on 17 fundamental, technical and sentiment features that are among the ones that had the greatest impact on the performance of stocks during the last 12 months (alpha signals). Below are the Top 10 alpha signald ordered by odds the beat the market.

| Type	Alpha Signal	Current Value	Odds to Beat Market	Signal Relevance
Fundamental	ROA (ttrn)	15.49%	51.23%	97/100
Sentiment	Average Price Target Upside (%)	40.56%	49.52%	96/100
Sentiment	Price target upside > 30% (ext 6)	YES	49.51%	96/100
Sentiment	Upside based on all analysts ratings (6m)	42.49%	49.36%	96/100
Sentiment	Price target upside > 40%	YES	49.18%	95/100
Fundamental	Book value per share	10.73	48.53%	94/100
Sentiment	Price target upside > 20%	YES	47.99%	93/100
Fundamental	ROE (ttm)	36.82%	47.63%	93/100
Sentiment	Forward P/E	5.66	47.23%	92/100
Technical	Average last decile drawdown	-9.67%	47.00%	91/100
Fundamental	Asset turnover ratio	10.54%	46.92%	90/100
Fundamental	Tangible stock holders equity	989.95	46.41%	89/100
Fundamental	CROC	14.28%	46.27%	89/100
Sentiment	Number of days before earnings	-140	46.02%	88/100
Sentiment	EPS growth next year	34.63%	45.94%	87/100
Technical	RSI SLOPE 90d	-0.03	45.83%	87/100
Sentiment	Analysts mean recommendation	1	45.75%	86/100

MORF | Morf Healthcare

Fundamental 4 | Technical 8 | Sentiment 5 | Low Risk 1
AI Score 7 | Buy
#298 of 1187 in Health Care, #100 of 578 in Biotechnology

- MORF overall odds of beating the market (S&P500) **38.48%** vs all stocks average probability 36.48%.

In the 3-month price forecast, the central dotted line shows the most expected price path of **+27.91%**. The expected price range is **-28.20%** to **+84.10%** based on previous BUY signals with a 90% confidence level:
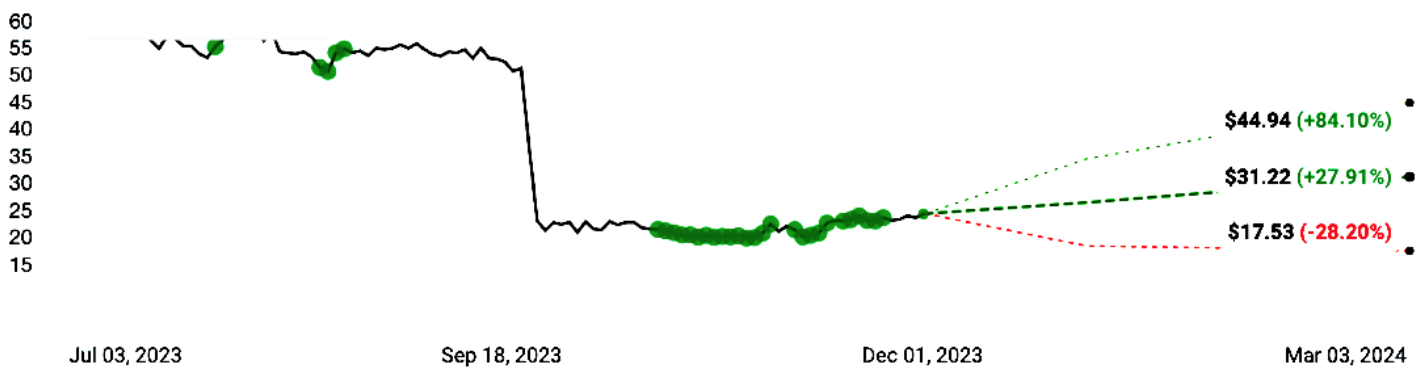
Three (3) months after each of its 211 BUY signals (since Jan 2017), MORF achieved a **83.24%** win rate (positive performance cases) and a **28.31%** average performance.

211 Past MORF Buy Signals	1 Month Later	3 Months Later	6 Months Later	1 Year Later
Average Performance	8.81%	28.31%	56.87%	70.68%
Average Alpha	6.04%	20.30%	40.37%	45.67%
Win Rate (% Positive Perf.)	58.59%	83.24%	90.50%	72.63%
% Positive Alpha	56.06%	70.81%	78.21%	69.27%

The AI-powered overall analysis and BUY rating is based on 29 fundamental, technical and sentiment features that are among the ones that had the greatest impact on the performance of stocks during the last 12 months (alpha signals). Below are the Top 10 alpha signald ordered by odds the beat the market.

| Type	Alpha Signal	Current Value	Odds to Beat Market	Signal Relevance
Technical	APO 90d	-14.71	53.89%	98/100
Technical	MOM 90d	-29.59	52.52%	98/100
Technical	MOM 180d	-19.92	51.69%	98/100
Technical	SLOPE 60d	-1.28%	51.08%	97/100
Technical	DEMA 180d	38.84%	50.43%	97/100
Technical	TRIX 30d	-1.28	49.91%	97/100
Technical	RSI 100	43.76	49.51%	96/100
Sentiment	Price target upside > 30% (ext 6)	YES	49.51%	96/100
Technical	APO 180d	-7.43	49.22%	95/100
Technical	PLUS DI 180	20.31	49.18%	95/100
Sentiment	Price target upside > 40%	YES	49.18%	95/100
Technical	Deca-Chart Pattern 60d	n/a	49.11%	95/100
Technical	TRIX 90d	-0.14	49.02%	95/100
Technical	SLOPE 90d	-1.49%	48.77%	95/100
Technical	TRIX 18d	-0.65	48.68%	94/100
Sentiment	Price target upside > 20% (ext 6)	YES	47.99%	93/100
Sentiment	Is upside from analysts ratings higher than 30%?	YES	47.98%	93/100
Technical	Upside based on go-day Price Forecast	-174.45%	47.64%	93/100
Sentiment	Is upside from analysts ratings higher than 20%?	YES	47.45%	92/100
Technical	Upside based on 60-day Price Forecast	-130.14	47.39%	92/100
Sentiment	Is upside from analysts ratings higher than 30%?	YES	47.32%	92/100
Technical	KAMA 200d	80.24%	47.31%	92/100
Technical	Beta	1.37	47.25%	92/100
Fundamental	Weighted-average shares outstanding (basic)	42.37	47.12%	91/100
Fundamental	Receiveable turnover	1.03	46.95%	91/100
Technical	ADXR 90d	15.25	46.83%	90/100
Fundamental	Sales per shares	0	46.71%	90/100
Technical	WILLR 90d	-88.15	46.54%	89/100
Technical	Upside based on 30-day Price Forecast	-84.04%	46.05%	88/100

BILL | Bill Holdings Inc

Fundamental 8 | Technical 7 | Sentiment 9 | Low Risk 1
AI Score 9 | Buy
#107 of 708 in Information Technology, #32 of 264 in Software

- BILL overall odds of beating the market (S&P500) **41.74%** vs all stocks average probability 36.48%.

In the 3-month price forecast, the central dotted line shows the most expected price path of **+20.52%**. The expected price range is **-28.50%** to **+69.67%** based on previous BUY signals with a 90% confidence level:
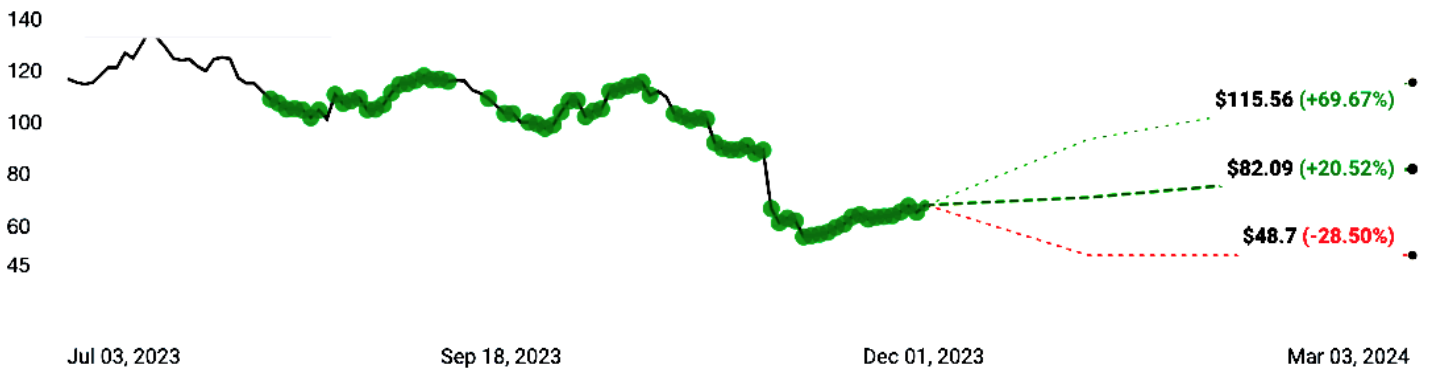
Three (3) months after each of its 334 BUY signals (since Jan 2017), BILL achieved a **83.15%** win rate (positive performance cases) and a **20.57%** average performance.

334 Past BILL Buy Signals	1 Month Later	3 Months Later	6 Months Later	1 Year Later
Average Performance	4.43%	20.57%	62.14%	107.20%
Average Alpha	2.07%	12.49%	45.32%	79.94%
Win Rate (% Positive Perf.)	55.59%	83.15%	100.00%	96.17%
% Positive Alpha	47.28%	70.25%	94.25%	96.17%

The AI-powered overall analysis and BUY rating is based on 20 fundamental, technical and sentiment features that are among the ones that had the greatest impact on the performance of stocks during the last 12 months (alpha signals). Below are the Top 10 alpha signald ordered by odds the beat the market.

| Type	Alpha Signal	Current Value	Odds to Beat Market	Signal Relevance
Technical	APO 90d	-12.6	53.89%	98/100
Technical	MINUS DI 90d	28.94	53.08%	98/100
Technical	MOM 90d	-53.75	52.52%	98/100
Technical	MIDPRICE 180d	40.54%	51.11%	97/100
Technical	SLOPE 60d	-1.23%	51.08%	97/100
Technical	DEMA 180d	21.78%	50.43%	97/100
Technical	TRIX 30d	-0.81	49.91%	97/100
Technical	RSI 100	44.26	49.51%	96/100
Technical	Deca-Chart Pattern 60d	n/a	49.11%	95/100
Technical	MACD 90d	-5.62	48.90%	95/100
Technical	SLOPE 90d	-0.73%	48.77%	95/100
Technical	TRIX 18d	-1.41	48.68%	94/100
Sentiment	Sector	Technology	48.28%	94/100
Technical	MACD signal extended	-12.44	48.09%	93/100
Sentiment	Upside based on all analysts ratings (6m) (ext 15)	28.19%	48.06%	93/100
Sentiment	Price target upside > 20% (ext 6)	YES	47.99%	93/100
Technical	PLUS DI 180	21.76	47.64%	93/100
Technical	Upside based on go-day Price Forecast	-74.94%	47.64%	93/100
Sentiment	Is upside from analysts ratings higher than 20%? (ext	YES	47.45%	92/100
Technical	Upside based on 60-day Price Forecast	-50.50%	47.39%	92/100

SE | Sea Ltd ADR

Fundamental 8 | Technical 7 | Sentiment 8 | Low Risk 1
AI Score 9 | Buy
#34 of 276 in Communication Services, #8 of 75 in Entertainment

- SE overall odds of beating the market (S&P500) **41.35%** vs all stocks average probability 36.48%.

In the 3-month price forecast, the central dotted line shows the most expected price path of **+22.58%**. The expected price range is **-25.49%** to **+70.73%** based on previous BUY signals with a 90% confidence level:
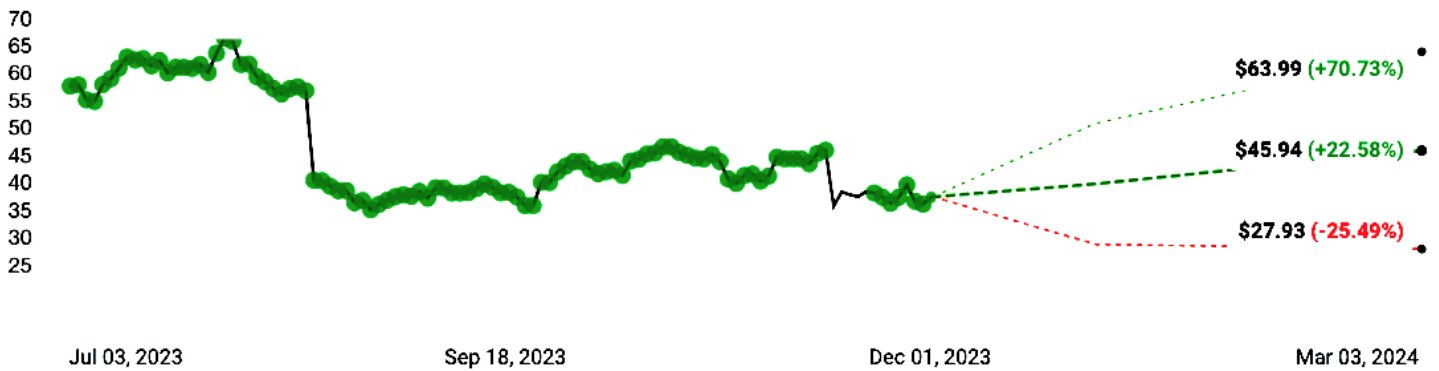
Three (3) months after each of its 357 BUY signals (since Jan 2017), SE achieved a **82.94%** win rate (positive performance cases) and a **22.76%** average performance.

357 Past SE Buy Signals	1 Month Later	3 Months Later	6 Months Later	1 Year Later
Average Performance	6.23%	22.76%	59.50%	61.83%
Average Alpha	4.01%	15.83%	42.62%	35.24%
Win Rate (% Positive Perf.)	69.21%	82.94%	100.00%	63.64%
% Positive Alpha	65.69%	74.58%	97.63%	55.73%

The AI-powered overall analysis and BUY rating is based on 20 fundamental, technical and sentiment features that are among the ones that had the greatest impact on the performance of stocks during the last 12 months (alpha signals). Below are the Top 10 alpha signald ordered by odds the beat the market.

Type	Alpha Sgnal	Current Value	Odds to Beat Market	Signal Relevance
Technical	MOM 180d	-40.79	55.64%	98/100
Technical	MINUS DI 90d	28.26	53.08%	98/100
Technical	APO 180d	-13.58	52.56%	98/100
Technical	MOM 90d	-24.22	52.52%	98/100
Technical	MFI 180d	44.44	50.06%	97/100
Technical	TRIX 30d	-0.24	49.64%	96/100
Technical	RSI 100	44.24	49.51%	96/100
Sentiment	Price target upside > 30% (ext 6)	YES	49.51%	96/100
Sentiment	Upside based on all analysts ratings (6m)	43.58%	49.36%	96/100
Sentiment	Price target upside > 40%	YES	49.18%	95/100
Technical	TRIX 18d	-0.33	49.05%	95/100
Technical	MACD 90d	-1.53	48.99%	95/100
Technical	SLOPE 90d	-0.30%	48.60%	94/100
Sentiment	Price target upside > 20%	YES	47.99%	93/100
Technical	MACD signal extended	-1.89	47.89%	93/100
Technical	52 week low %	7.48%	47.59%	92/100
Technical	Upside based on 30-day Price Forecast (lower bound)	-24.03%	47.40%	92/100
Technical	Upside based on 60-day Price Forecast (lower bound)	-33.66%	47.39%	92/100
Technical	KAMA 200d	35.61%	47.31%	92/100
Technical	Upside based on 15-day Price Forecast (lower bound)	-20.22%	46.73%	90/100

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