OSA

Technical Analysis Model (TAM)

Open Stock Analysis · daily bars

How OSA TAM reaches BUY, HOLD, SELL or SHORT SELL

Not financial advice

1 Market data and indicators

computed from daily price and volume bars

- **ADX 14** — trend strength
- **RSI 14** — momentum
- **MACD 12/26/9** — momentum shift
- **Parabolic SAR** — stop and reverse
- **VWAP** — volume weighted price
- **SMA 50 / 200** — baseline trend
- **EMA 9 / 20** — fast trend

2 Signal lanes

each bar is checked for a sideways market and for the end of a trend

Look for sideways movement

ADX signals

ADX 14 below 20: a weak, absent or sideways trend

RSI confirmation

RSI 14 bouncing between 30 (oversold support) and 70 (overbought resistance)

Confirmed? — No → Check the trends

Yes → **Do not buy or sell**

Look for the end of a bearish trend

MACD signals

- Bullish MACD crossover
- Bullish divergence
- Shrinking histogram bars
- Zero-line crossover

RSI confirmation

- Oversold zone (RSI < 30)
- Bullish divergence

Trend confirmation

VWAP	SAR
Price crosses above the VWAP	SAR dots flip from above to below price
SMA	**EMA**
Price crosses above the baseline SMA	Fast EMA crosses above a slow EMA

Confirmed? — No → Do nothing

Yes → **Buy new or add**

Look for the end of a bullish trend

MACD signals

- Bearish MACD crossover
- Bearish divergence
- Falling histogram bars
- Zero-line cross down

RSI confirmation

- Dropping below 50
- Leaving overbought (RSI 70+)

Trend confirmation

VWAP	SAR
Price cuts and closes below the VWAP	SAR dots flip from below to above price
SMA	**EMA**
Price crosses below the baseline SMA	Price breaks below the fast EMA

Confirmed? — No → Do nothing

Yes → **Sell**

3 Confirmation checks

options chain, short interest and the earnings calendar confirm or hold back the signal

Options chain check — options

- Calls and puts expiring within 45 days
- Put / call volume ratio: 0.7 or less is bullish, 1.0 or more is bearish
- Unusual contracts (500+ volume) break a tie in the neutral zone
- Options agree with the trend: confirmed. Against it: BUY or SHORT SELL held back to HOLD

Gamma squeeze score

- Calls 2x or more the put volume
- Short dated OTM calls 50%+ of call volume
- Unusual calls 25%+ of call volume
- Call wall within 10% above price
- Price moving up

High at 4 or 5 of 5, Moderate at 3

Short interest check — short interest

- Short interest: 15% or more of the float
- Short interest: 25% or more of the float
- Days to cover 5 or more
- Breakout above the 20 bar high or a new uptrend
- Volume spike: 1.5x the 20 bar average or more
- Unusual activity in the last 7 days

Short squeeze score

- High at 5 or 6 of 6, Moderate at 3 or 4
- Short interest vs the prior month: rising into an uptrend is squeeze fuel; rising confirms a downtrend; falling (short covering) confirms an uptrend

Earnings calendar check — calendar

- Dates from the public market calendar only. The desktop apps (run on your own install) add the full catalyst analysis
- Earnings timing: before the open or after the close
- Next earnings date: earnings inside the projected trend window make the projection less reliable
- Ex-dividend date
- Unusual activity also counts toward the short squeeze score

4 Squeeze adjustment

when the gamma or short squeeze risk is high

- **SHORT SELL is held back to HOLD** — shorting into a likely squeeze is too risky
- **SELL in an uptrend becomes HOLD** — hold for the squeeze targets instead of selling early
- **Sideways: watch for an upside breakout** — above the 20 bar high
- **Squeeze targets are added** — the call wall and the close plus 3 ATR

5 Final action

with price targets and a trend duration projection

BUY · **HOLD** · **SELL** · **SHORT SELL**

Each ticker gets buy and sell targets, a stop, squeeze targets, the expected trend end and a bullish score from 0 (most bearish) to 100 (most bullish).

Key

VWAP Volume-Weighted Average Price · **SAR** Parabolic Stop and Reverse · **SMA** Simple Moving Average 50 and 200 · **EMA** Exponential Moving Average 9 and 20 · **RSI** Relative Strength Index · **ADX** Average Directional Index · **MACD** Moving Average Convergence Divergence · **OTM** out of the money · **ATR** Average True Range · **Call wall** strike with the most call open interest