



EDO SUPERTREND CORE Official Manual

Version 1.0

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English

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Section 1 — Introduction

Edo SuperTrend Core is a technical indicator designed to facilitate the visual reading of market direction through a clear representation of trend structure based on volatility.

The indicator is based on the classic SuperTrend algorithm, widely used by traders to identify bias changes and continuity phases within a trend.

Rather than acting as an automatic signal generator, Edo SuperTrend Core aims to offer a simple, clear, and structured visual reference that allows for easier understanding of how the trend evolves on the chart.

The indicator is based on three main elements:

- SuperTrend Line
- Visual momentum gradient
- Trend duration counter

These elements allow for quick interpretation of:

- The predominant market direction
- The intensity of the movement
- The approximate duration of each trend phase

Section 2 — What Edo SuperTrend Core Is and Is Not

What It Is

Edo SuperTrend Core is a visual trend indicator based on the SuperTrend algorithm and volatility measurement using the Average True Range (ATR) indicator.

Its objective is to provide a clear understanding of trend structure without introducing unnecessary complexity to the chart.

It allows:

- Identifying the predominant market direction
- Detecting trend changes through the SuperTrend flip
- Visualizing momentum intensity
- Observing the duration of each trend segment

What It Is Not

Edo SuperTrend Core:

- Is not an automatic trading system
- Does not generate buy or sell signals
- Does not predict future price movements
- Does not replace risk management

The indicator should be used as an analysis tool within a broader market context.

Section 3 — Indicator Philosophy

The development of Edo SuperTrend Core stems from a simple idea:

Visual clarity improves analysis.

Many indicators introduce multiple calculations and signals that end up generating visual noise. Edo SuperTrend Core seeks the opposite approach: maintaining a simple structure that allows for quick interpretation of market trend.

The indicator is based on three principles:

Simplicity

The classic SuperTrend algorithm is used without complex modifications.

Context Before Signal

The indicator is designed to show market context, not to generate automatic signals.

Transparency

The indicator's logic is deliberately simple and understandable.

Section 4 — SuperTrend Fundamentals

The SuperTrend is a trend indicator based on market volatility.

Its calculation uses the Average True Range (ATR) to determine a dynamic distance from price.

From the ATR two bands are derived:

- Upper band
- Lower band

When price crosses one of these bands, the SuperTrend flip occurs, indicating a possible trend change.

In simplified terms:

SuperTrend below price → bullish trend

SuperTrend above price → bearish trend

The trend change occurs when the candle close crosses the indicator level, not simply when price touches it intrabar.

Section 5 — Momentum Gradient

The indicator incorporates a visual gradient based on the Relative Strength Index (RSI) to represent the intensity of market movement.

The color tonality reflects momentum strength.

This allows for quick visualization of phases of:

- expansion
- consolidation
- exhaustion

without the need to add additional indicators to the chart.

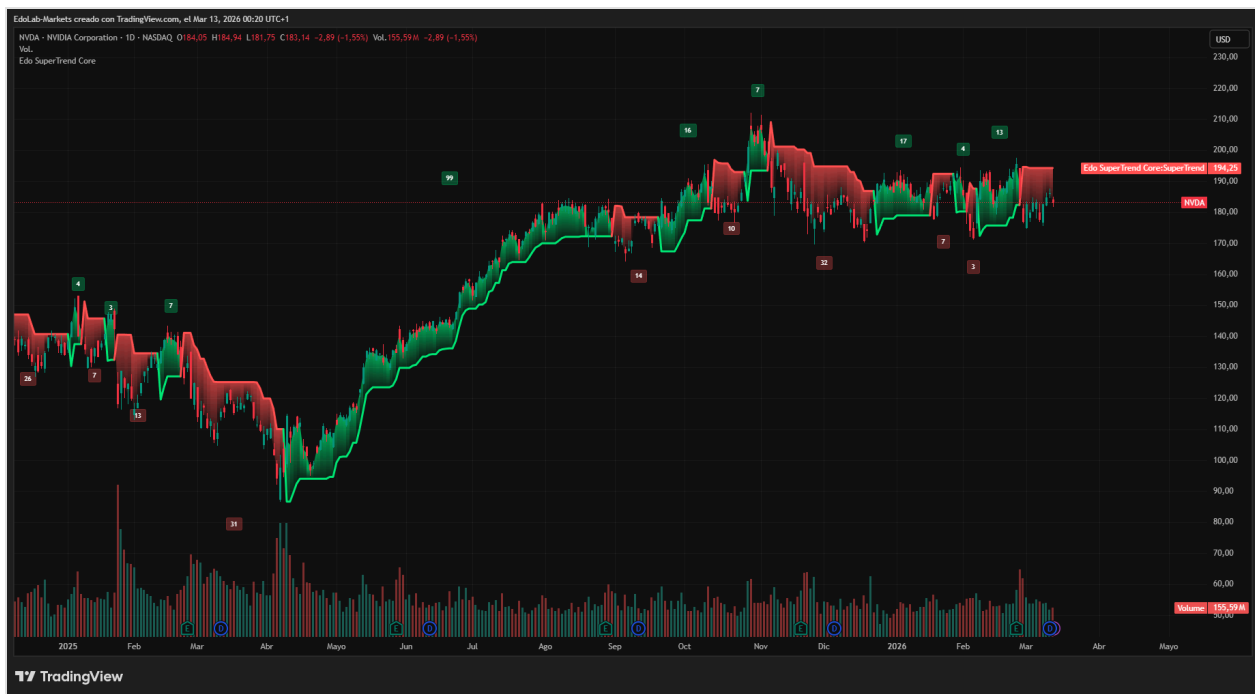


Figure 1 — RSI-based momentum gradient and SuperTrend line showing trend structure.

Section 6 — Visual Representation of the Indicator

The indicator displays three main elements:

- SuperTrend Line
- Momentum gradient
- Trend duration counter

The counter shows the number of consecutive candles the market has remained within the same trend phase.



Figure 2 — Bullish trend example with trend duration counter.

Section 7 — Indicator Profiles

The indicator includes three profiles that modify SuperTrend sensitivity.

Slow

More conservative and stable profile.

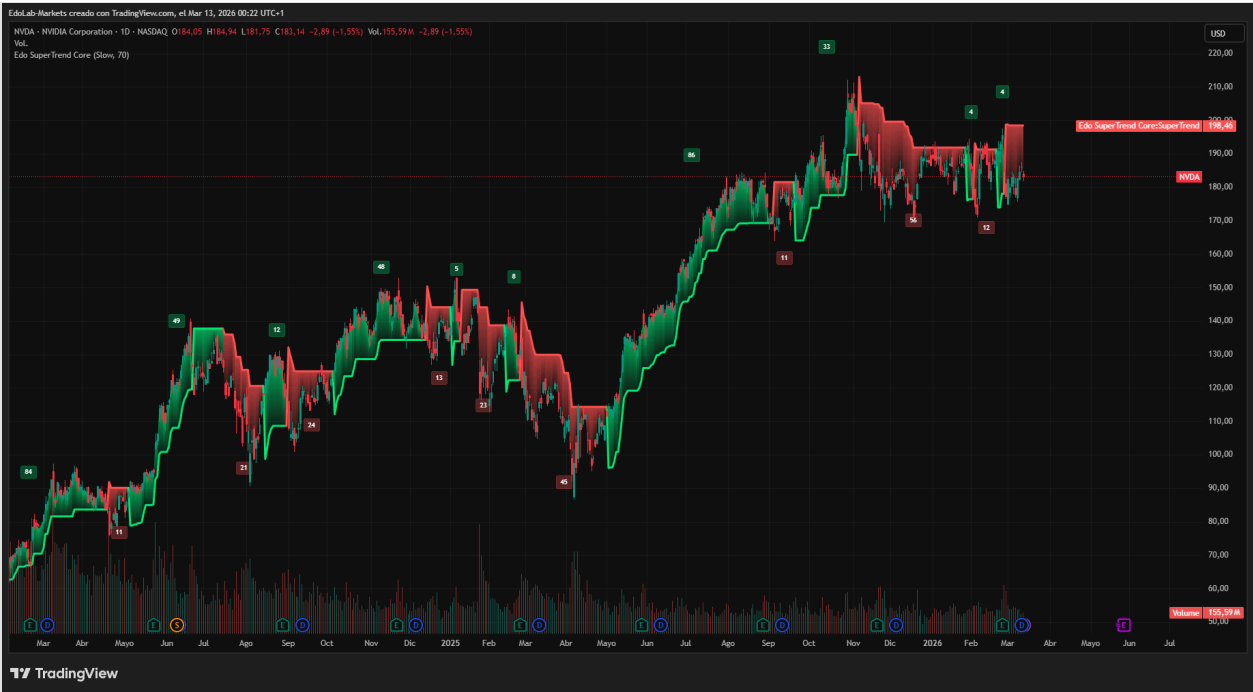


Figure 3 — Slow profile applied to the same market segment.

Balanced

Balanced profile for general use.

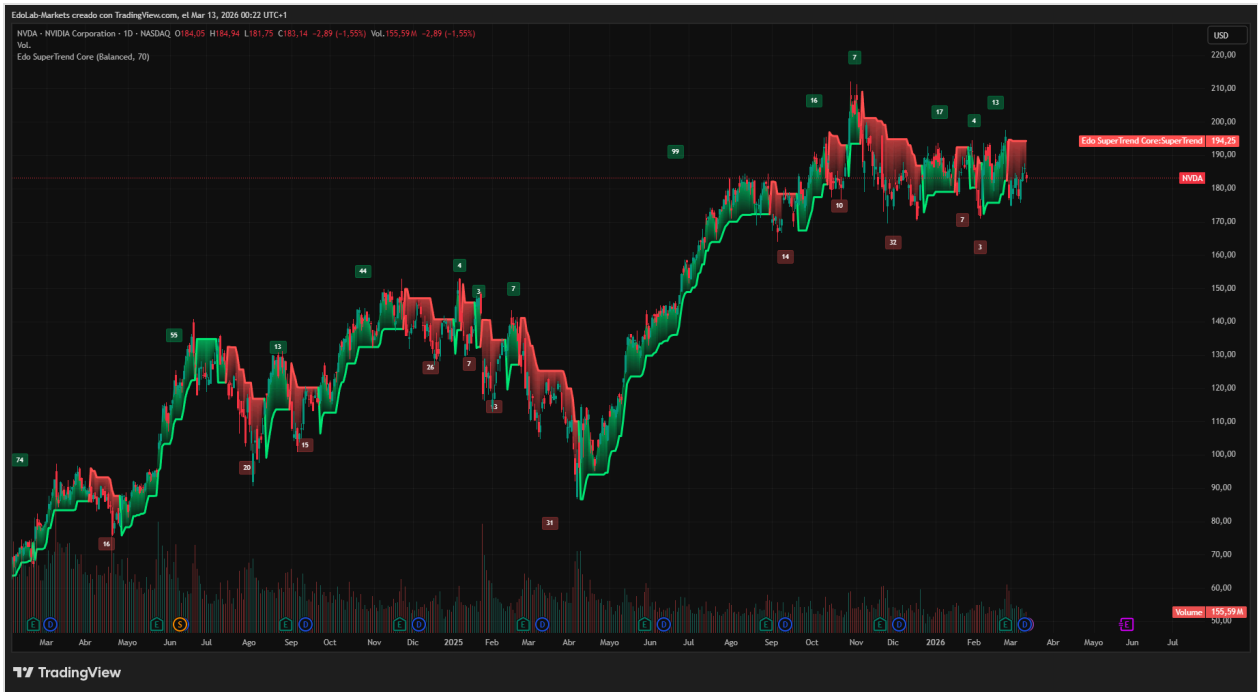


Figure 4 — Balanced profile applied to the same market segment.

Fast

More reactive and sensitive profile.

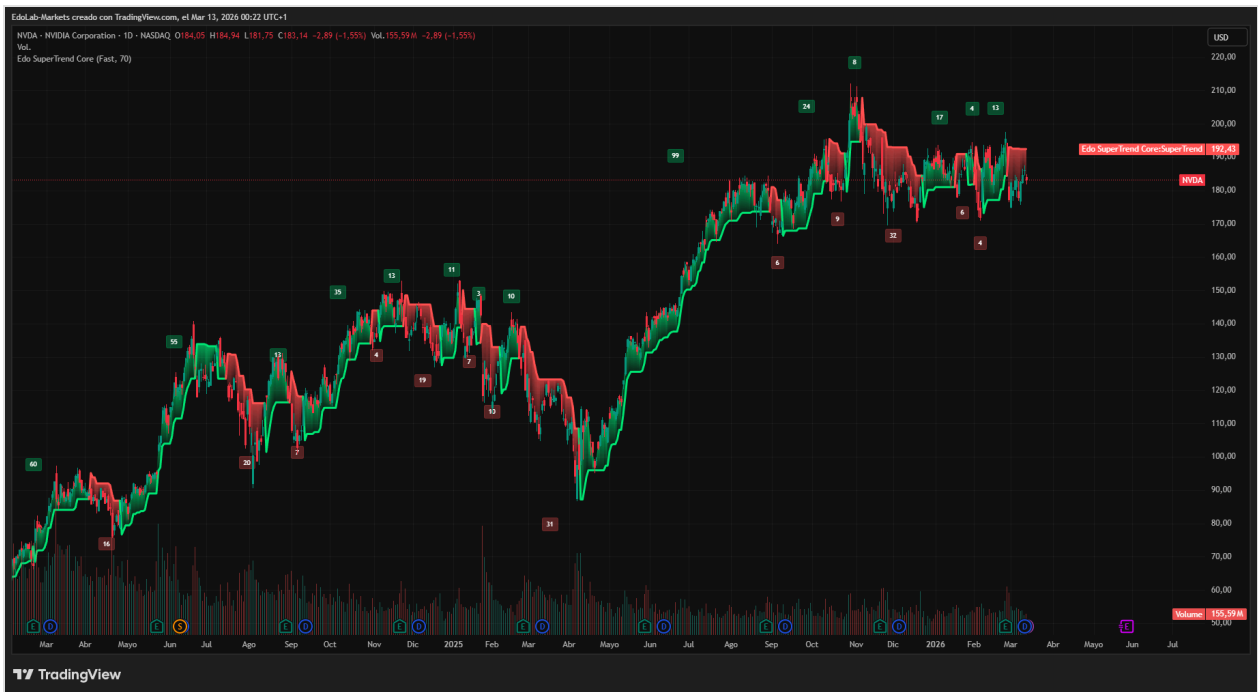


Figure 5 — Fast profile applied to the same market segment.

Section 8 — Indicator Configuration

Configuration includes two options:

Profile selection:

- Slow
- Balanced
- Fast

And RSI-based visual gradient opacity adjustment.

Section 9 — Interpretation in Context

The indicator should be used as a context tool.

It can be used to:

- identify predominant trends
- analyze movement duration
- observe possible bias changes

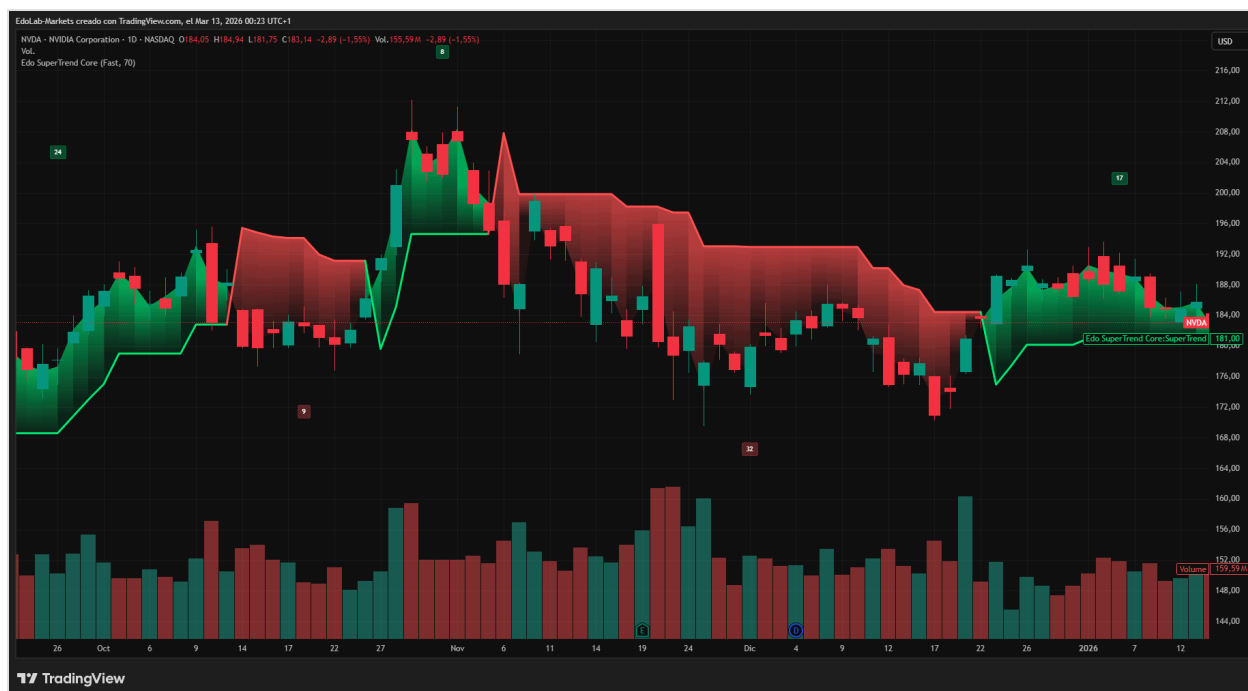


Figure 6 — Trend change produced by the SuperTrend flip.

Technical Note

Some traders use two different SuperTrend configurations to analyze volatility compression or expansion phases.

Edo SuperTrend Core uses a single trend reference to maintain a clear visual reading.

Section 10 — Indicator Limitations

The SuperTrend works best in markets with defined trends.

In sideways markets, it may generate frequent trend changes.

The indicator does not predict the future and does not replace risk management.

Section 11 — Open Source Indicator

Edo SuperTrend Core is distributed as an open source indicator.

This allows users to study and modify the code within TradingView if desired.

The indicator comes pre-configured for correct use from the first moment.

Section 12 — Alerts

Edo SuperTrend Core includes four alert conditions configurable from TradingView's standard alert dialog, split into two levels according to the momentum filter: two RSI-confirmed trend change alerts and two raw, unfiltered SuperTrend flip alerts.

Alert	Condition	Message
Confirmed Bullish Trend Change	The SuperTrend turns bullish and the RSI confirms it (momentum in agreement)	Confirmed BULLISH trend change (RSI-filtered)
Confirmed Bearish Trend Change	The SuperTrend turns bearish and the RSI confirms it	Confirmed BEARISH trend change (RSI-filtered)
Raw SuperTrend Flip Up (unfiltered)	Price crosses the SuperTrend line upward, still without RSI confirmation	Price crossed the SuperTrend line UP - raw flip, pending RSI confirmation
Raw SuperTrend Flip Down (unfiltered)	Price crosses the SuperTrend line downward, still without RSI confirmation	Price crossed the SuperTrend line DOWN - raw flip, pending RSI confirmation

The confirmed / raw pairing lets you choose the level of anticipation: the raw flip warns earlier but may reverse; the confirmed change arrives one step later but has already filtered out part of the false turns through the RSI.

Section 13 — Risk Warning

Trading involves risk.

This indicator is a technical analysis tool and does not constitute financial advice.

Each user is responsible for their own investment decisions.

Section 14 — Conclusion

Edo SuperTrend Core provides a clear visual representation of market trend structure.

Based on the classic SuperTrend algorithm and complemented with a momentum gradient and trend duration counter, the indicator offers a simple tool for interpreting market context.

As part of the Edolab Markets indicator ecosystem, Edo SuperTrend Core is designed as a simple trend reading tool that allows for understanding market context quickly, clearly, and visually.



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