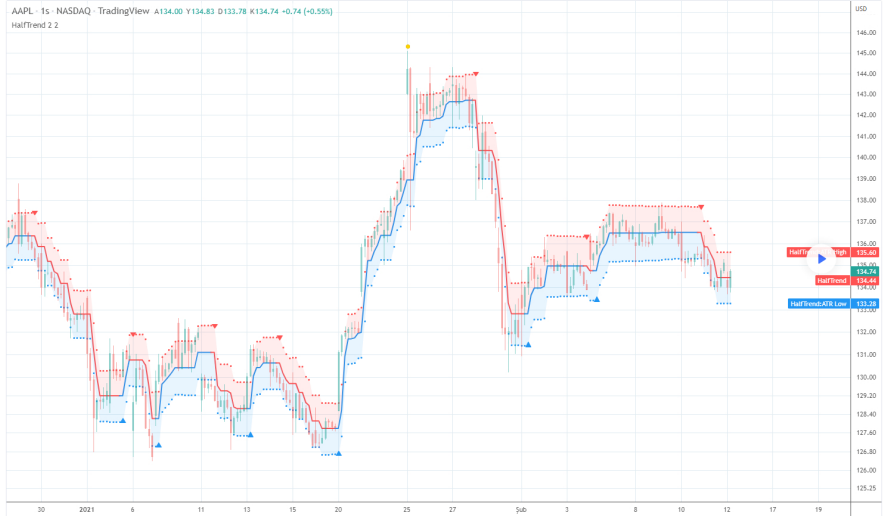




HalfTrend

everget

Oct 24, 2021



Volatility Average True Range (ATR) Trend Analysis halfTrend ATR trend

178 5313

Oct 24, 2021 A popular trend Indicator based on ATR. Similar to the SuperTrend but uses a different trends identification logic.

I am publishing a disclosed code without license. Remember that in the future you may see a lot of paid `IQ` scripts called BuySellScalper, Trend Trader Karan, Trend Trader and etc (by other authors) which will be based on this script. I found the same script on [eBay](#) for \$10 with a free shipping. Beware, always check and follow one Russian wisdom: "Do not pay for something you can get for free".

Jul 12, 2021 **Sürüm Notları:**

- Replaced arrow icons with built-in triangles due to the issue with fonts

Freelance -> Telegram: @alex_everget

A list of Free Indicators:
<https://bit.ly/257EPuH>

A list of Paid Indicators:
<https://bit.ly/33MA81f>

Earn \$30:
https://www.tradingview.com/ggpr/tshare_your_love-everget

Website

Açık kaynak kodlu komut dosyası

Çünkü TradingView ruhuya, bu beşerî yazarı, yatırımcının anlayabilmeyi ve doğrutayabilmeyi için onu açık kaynak olarak yayınladı. "Tazammı etine sağla! Bu ücretsiz olarak kullanabilirsiniz, ancak bu kodun bir yayında yeniden kullanımı [Kullanım Koşulları](#) ile yönetilir. Bir grafikte kullanmak için favorilere ekleyebilirsiniz.

Ferağatname

Bilgiler ve yayımlar, TradingView tarafından sağlanan veya onaylanan finansal, yatırım, işlem veya diğer türden tavsiye veya tavsiyeler anlamına gelmez ve teşkil etmez. [Kullanım Şartları](#)nda daha fazlasını okuyun.

Bu komut dosyasını bir grafikte kullanmak ister misiniz?

Favori göstergelere ekle

```
1 //@version=4
2 // Copyright (c) 2021-present, Alex Orekhov (everget)
3 study("HalfTrend", overlay=true)
4
5 amplitude = input(title="Amplitude", default=2)
6 channelDeviation = input(title="Channel Deviation", default=2)
7 showArrows = input(title="Show Arrows", default=true)
8 showChannels = input(title="Show Channels", default=true)
9
10 var int trend = 0
11 var int nextTrend = 0
12 var float maxLowPrice = na[low[1], low]
13 var float minHighPrice = na[high[1], high]
14
15 var float up = 0.0
16 var float down = 0.0
17 float atrHigh = 0.0
18 float atrLow = 0.0
19 float arrowUp = na
20 float arrowDown = na
21
22 atr2 = atr(100) / 2
23 dev = channelDeviation * atr2
24
25 highPrice = high[abs(highestbars(amplitude))]
26 lowPrice = low[abs(lowestbars(amplitude))]
27 highs = sma(high, amplitude)
28 lows = sma(low, amplitude)
29
30 if nextTrend == 1
31     maxLowPrice := max(lowPrice, maxLowPrice)
32
33     if highs < maxLowPrice and close < na[low[1], low]
34         trend := 1
35         nextTrend := 0
36         minHighPrice := highPrice
37     else
38         minHighPrice := min(highPrice, minHighPrice)
39
40     if lows > minHighPrice and close > na[high[1], high]
41         trend := 0
42         nextTrend := 1
43         maxLowPrice := lowPrice
44
45 if trend == 0
46     if not na(trend[1]) and trend[1] != 0
47         up := na(down[1]) ? down : down[1]
48         arrowUp := up - atr2
49     else
50         up := na(up[1]) ? maxLowPrice : max(maxLowPrice, up[1])
51         atrHigh := up + dev
52         atrLow := up - dev
53     else
54         if not na(trend[1]) and trend[1] != 1
55             down := na(up[1]) ? up : up[1]
56             arrowDown := down + atr2
57         else
58             down := na(down[1]) ? minHighPrice : min(minHighPrice, down[1])
59             atrHigh := down + dev
60             atrLow := down - dev
61
62 ht = trend == 0 ? up : down
63
64 var color buyColor = color.blue
65 var color sellColor = color.red
66
67 hColor = trend == 0 ? buyColor : sellColor
68 hPlot = plot(ht, title="HalfTrend", linewidth=2, color=hColor)
69
70 atrHighPlot = plot(showChannels ? atrHigh : na, title="ATR High", style=plot.style_circles, color=sellColor)
71 atrLowPlot = plot(showChannels ? atrLow : na, title="ATR Low", style=plot.style_circles, color=buyColor)
72
73 fill(hPlot, atrHighPlot, title="ATR High Ribbon", color=sellColor)
74 fill(hPlot, atrLowPlot, title="ATR Low Ribbon", color=buyColor)
75
76 buySignal = not na(arrowUp) and (trend == 0 and trend[1] == 1)
```

```
77 sellSignal = not na(arrowDown) and (trend == 1 and trend[1] == 0)
78
79 plotshape(showArrows and buySignal ? atrLow : na, title="Arrow Up", style=shape.triangleup, location=location.absolute, size=size.tiny, color=buyColor)
80 plotshape(showArrows and sellSignal ? atrHigh : na, title="Arrow Down", style=shape.triangledown, location=location.absolute, size=size.tiny, color=sellColor)
81
82 alertcondition(buySignal, title="Alert: Halfrend Buy", message="Halfrend Buy")
83 alertcondition(sellSignal, title="Alert: Halfrend Sell", message="Halfrend Sell")
84
```

Yorumlar



Yararlı veya teyvik edici bir yorum bırakan. Piyasalara birlikte hakkın olalım

[Alkışlarla yorum](#)

[Yorum Paylaş](#)



Zaff34 Premium · Şub 11, 2021 · [çkt](#) [P](#)

Sir
Can you tell how should I Interpret/read this Indicator?

100 coin
+32 [▲](#) [Cevap Gönder](#)



everget Wizard · Şub 11, 2021 · [çkt](#) [P](#)

@Zaff34, Hello. Do you see arrows ? Those are buy/sell signal for a basic strategy

+19 [▲](#) [Cevap Gönder](#)



Zaff34 Premium · Şub 11, 2021 · [çkt](#) [P](#)

@everget, I don't see any arrow, maybe I am using a Mac?

+1 [▲](#) [Cevap Gönder](#)



everget Wizard · Şub 11, 2021 · [çkt](#) [P](#)

@Zaff34, I mean arrows you see on the preview. Do you see them?

+6 [▲](#) [Cevap Gönder](#)



Zaff34 Premium · Şub 11, 2021 · [çkt](#) [P](#)

@everget, no sir I see little squares instead

+2 [▲](#) [Cevap Gönder](#)



Zaff34 Premium · Şub 11, 2021 · [çkt](#) [P](#)

@Everget can you also furnish me with the details of prices being below the reference line or visa versa or being on top of the colored areas?

[▲](#) [Cevap Gönder](#)



everget Wizard · Şub 12, 2021 · [çkt](#) [P](#)

@Zaff34, should be ok from now. Reload your chart with the indicator

[▲](#) [Cevap Gönder](#)



Zaff34 Premium · Şub 12, 2021 · [çkt](#) [P](#)

@everget, Thank you I will try and information you

[▲](#) [Cevap Gönder](#)



Zaff34 Premium · Şub 13, 2021 · [çkt](#) [P](#)

@Zaff34, Yes I can see the arrows now. Thanks for your efforts.

Maybe I am repeating myself but I have to know if prices being below the reference line or visa versa or being on top of the colored areas mean anything or not?

Thanking you in advance

[▲](#) [Cevap Gönder](#)



vinodhreddyyc Pro · May 6, 2021 · [çkt](#) [P](#)

@everget,

Hello,

Today I as lossed with this Indicator. It think it's not working, we can keep this Indicator as a Support but we may not dependent with this. Today I learn so lesson, they first we have to know about Price Action, Support & Resistance, Traind lines and etc....

+36 [▲](#) [Cevap Gönder](#)



sylvestercv · Eyl 11, 2021 · Android İçin TradingView [çkt](#) [P](#)

@everget, so nice

[▲](#) [Cevap Gönder](#)



HarveyK123 Premium · Kas 6, 2021 · iOS İçin TradingView [çkt](#) [P](#)

@everget, I have seen people using buy sell option on this script. How can I add this code like a box in the menu to add buy and sell? It works great on half trend. I would love it use that option .

+4 [▲](#) [Cevap Gönder](#)



everget Wizard · Kas 6, 2021 · [çkt](#) [P](#)

@arshad7861234, Hello, I could create that version for you, but for \$

[▲](#) [Cevap Gönder](#)



sirajhussaini50 · Şub 5 [çkt](#) [P](#)

@HarveyK123,

[▲](#) [Cevap Gönder](#)



smithdominic1993 · May 2 [çkt](#) [P](#)

@Zaff34,

[▲](#) [Cevap Gönder](#)



halkustar · Oca 25, 2021 [çkt](#) [P](#)

Do not take for free what you should pay for. :)

500 coin
+25 [▲](#) [Cevap Gönder](#)



everget Wizard · Oca 25, 2021 [çkt](#) [P](#)

@azohar, thank you mate!

+5 [▲](#) [Cevap Gönder](#)



JasperUitterhoeve · Oca 26, 2021 [çkt](#) [P](#)

@everget, Looks like the arrow plotting is not working form me(line 70). I see very tiny small boxes, instead of an arrows.

+8 [▲](#) [Cevap Gönder](#)



everget Wizard · Oca 27, 2021 [çkt](#) [P](#)

@JasperUitterhoeve, provide a screenshot please

+9 [▲](#) [Cevap Gönder](#)



JasperUitterhoeve · Oca 27, 2021 [çkt](#) [P](#)

@everget, Sure. :)

[jpg,sh/EFv3dNA](#)

>3 ▲ Cmap Gender



everget **WIZARD**

· Oct 31, 2021 · 433 · 0

@JasperUitterhoeve, okay, the arrow icons I used are Unicode symbols that your device couldn't recognize