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# Chart Patterns & Algo. Trader

A Weekly Publication



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# Market Quotes

"Courage. It's not enough to simply have the insight to see something apart from the rest of the crowd, you also need to have the courage to act on it and to stay with it."

- Bill Lipschutz

"You must be rigid in your rules and flexible in your expectations. Most traders are flexible in their rules and rigid in their expectations."

- Mark Douglas

"When I have to depend on hope in a trade, I get out of it."

- Jesse Livermore

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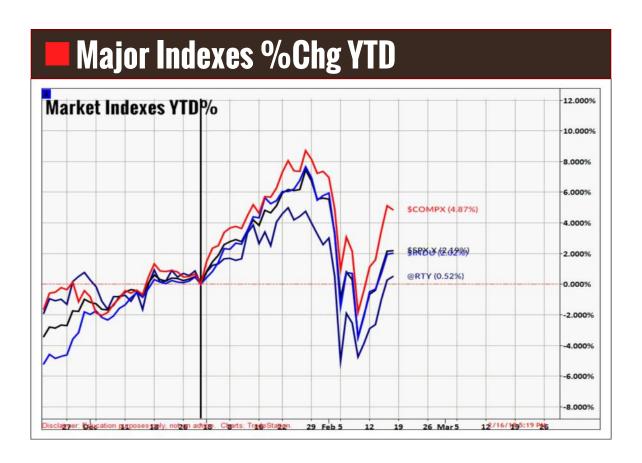
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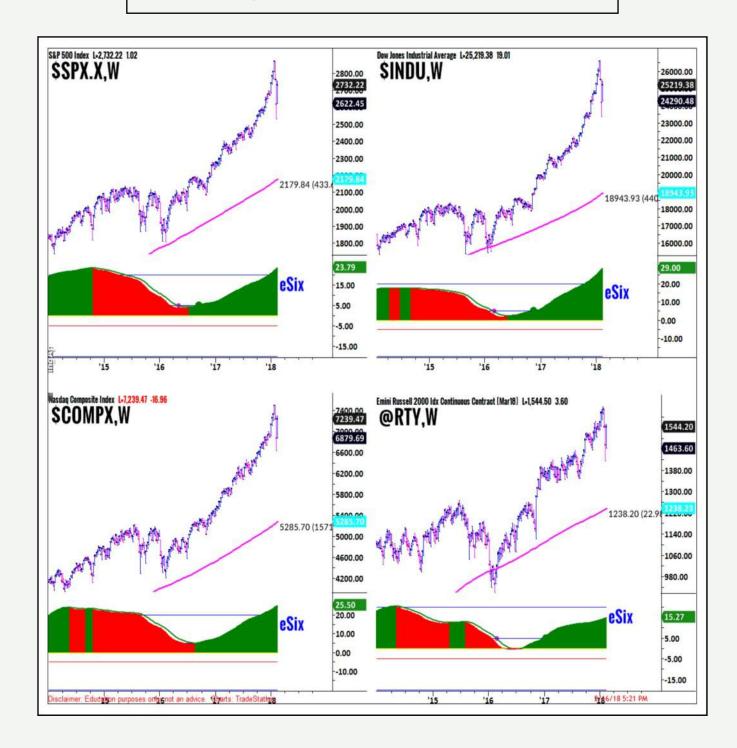
# **Major Indexes**

# **Major Indexes**

Symbol		Last	Net Chg	suri.Chg%					
	Symbol	Last	Net City	1D%	W%	M%	YTD%	PYTD%	
1	\$COMPX	7,239.47	-16.96	(0.23)	5.31	-0.81	4.87	28.24	
2	@GC(D)	1,349.4	-5.9	(0.44)	2.56	0.4	2.66	11.7	
3	@QM(D)	61.525	0.350	0.56	4.23	-3.498	2.19	4.622	
4	\$SPX.X	2,732.22	1.02	0.04	4.30	-2.51	2.19	19.42	
5	\$INDU	25,219.38	19.01	0.08	4.25	-3.43	2.02	25.08	
6	@RTY	1,544.50	3.60	0.23	4.59	-2.80	0.52	13.12	
7	\$TRAN	10,502.33	-54.02	(0.51)	3.61	-6.72	(1.04)	17.34	
8	@TY(D)	120'18.0	0'03.5	0.09	(0.50)	-1'22.5	(2.81)	0'29.5	
9	@SI(D)	16.600	-0.196	(1.18)	2.86	-3.297	(3.18)	4.702	
10	@US(D)	144 7/32	7/32	0.15	0.04	-4 2/32	(5.74)	4 30/32	
Dis	claimer: Educ	ation purpos	es only, not	an advice	C2h/ahte	:1BraideSte	Mon.		

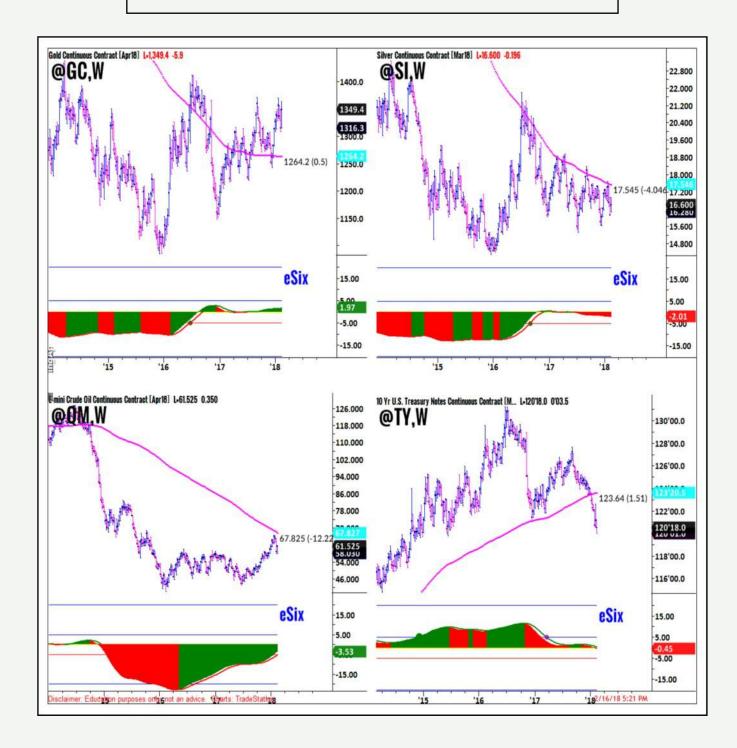


# **Major Market Indexes Trends**



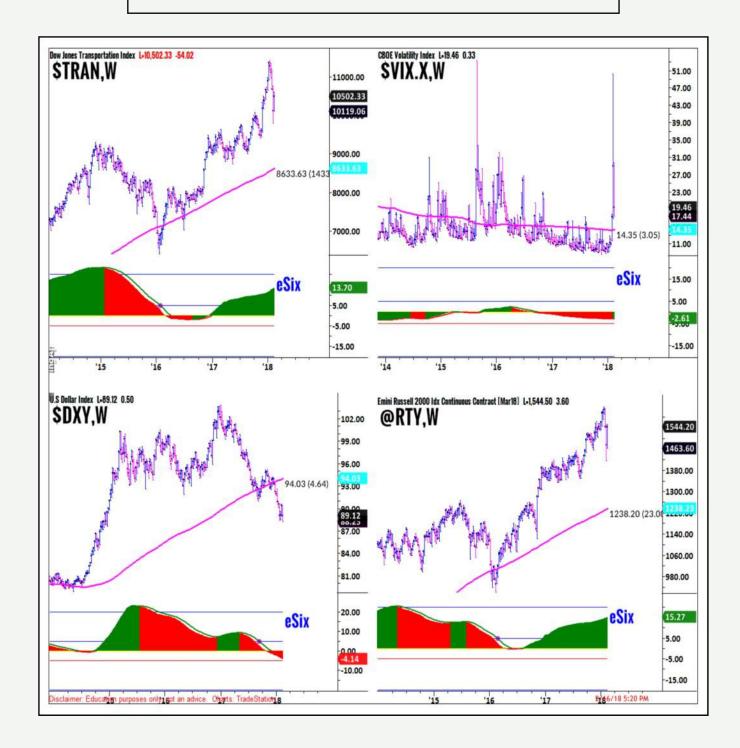
All four major market indexes (Weekly) charts are showing strong eSix trends.

# Gold, Silver, Oil and 10 Yr Notes



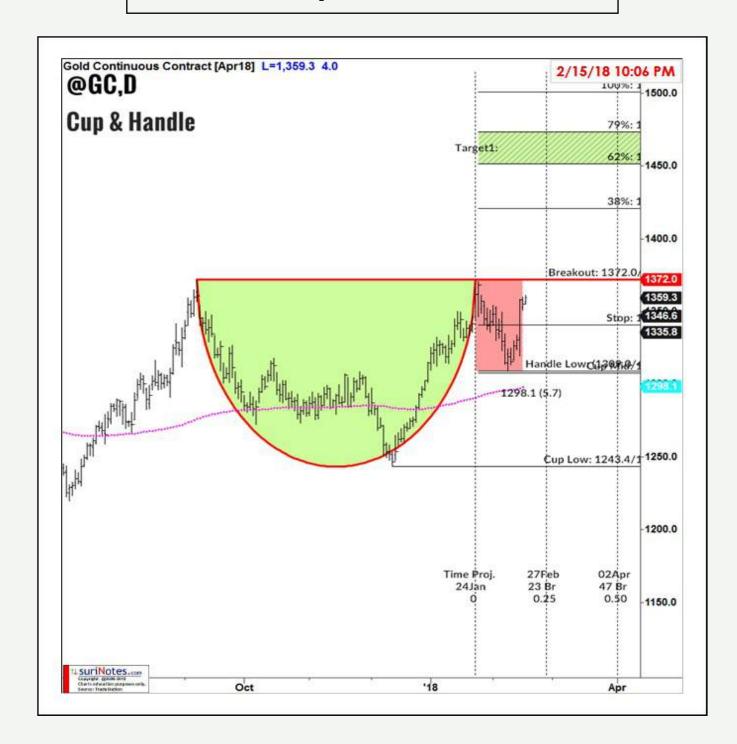
Gold regained 200 SMA as it trades higher above 200 MA. Silver and Oil are below its 200 MA and Treasury Notes is just below 200 MA.

# TRAN, VIX, DXY, @TY



Transportation Index, VIX, U.S. Dollar Index (Weekly) and eSIX trend indicator.

# **@GC Cup & Handle Pattern**



\$@GC (D) is trading in Cup & Handle Pattern. Entry above breakout level: 1372.0, Handle Low: 1335.5, 28.38% below breakout level. T1: 1451 to 1473 T2: 1535 to 1580

## **@GC (W) ABC Bullish Pattern**



#### Reviewed in CPAT 09/18/17

@GC (W) ABC Bullish Pattern Long Entry above 1212.9, Stop below 1149.2 (-63.7), Target1 Zone: 1352 to 1407, Target2 Zone: 1565 to 1680

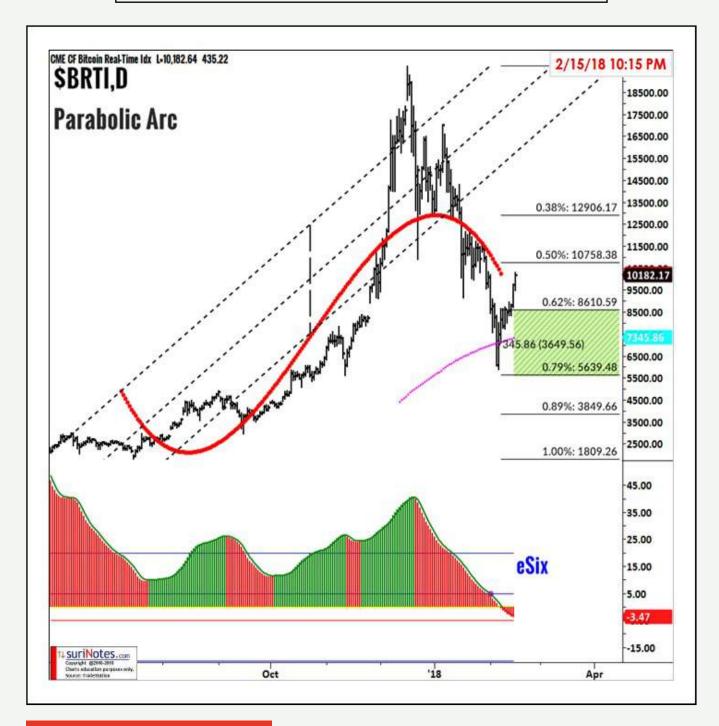
## **@TY ABC Bearish Pattern**



#### Reviewed in CPAT 1/22/18

@TY (10 Yr U.S. Treasury Notes) is trading in ABC Bearish pattern.

### **BRTI Parabolic Arc Pattern**



#### Reviewed in CPAT 1/08/18

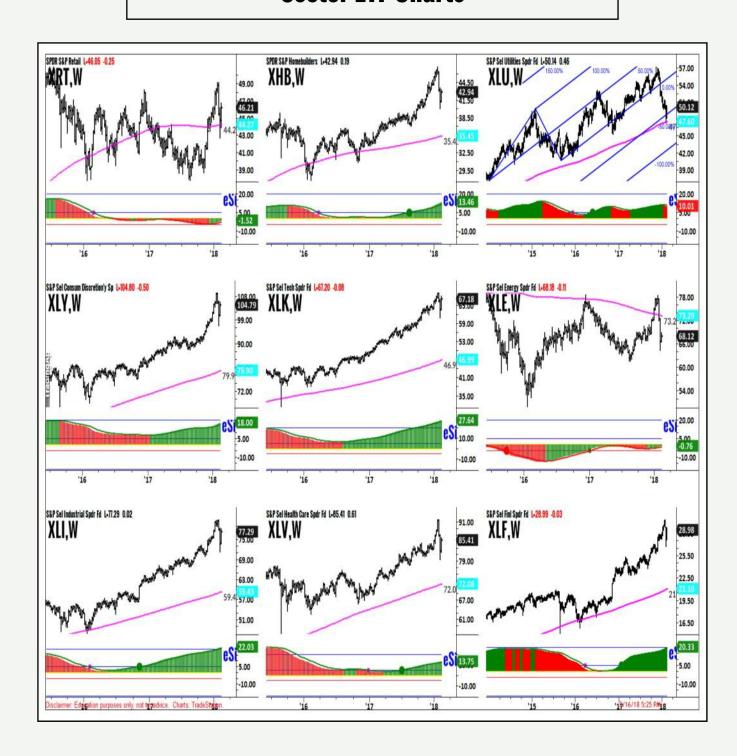
\$BRTI (CME's Bitcoin Index) is trading in Parabolic Arc pattern. Targets: 10758, 5650-8610.

### **\$TRAN ABC Bullish Pattern**



\$TRAN (Daily) ABC Bullish Pattern Long Entry above \$10206.70, Stop below \$9806.78 (-399.92), Target1 Zone: 11045.1 to 11381.7, Target2 Zone: 12351.6 to 13052.9

# **Sector ETF Charts**

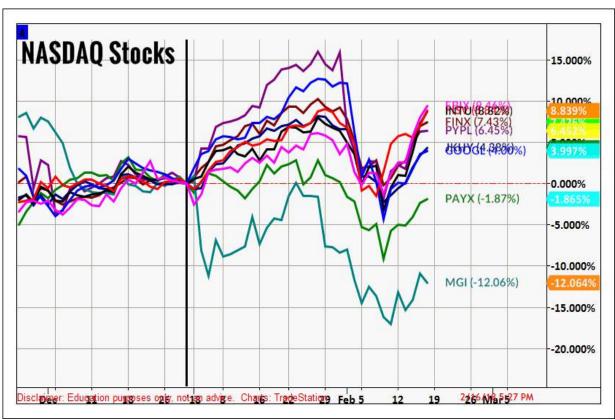


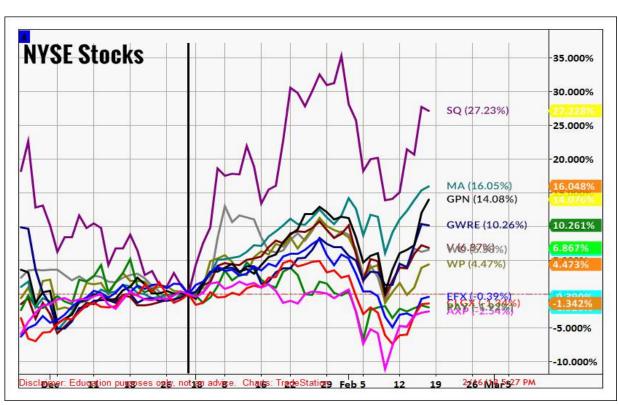
Weekly Sector ETF Charts

# **Fintech Stocks**



# Fintech Stocks (YTD%)





# **Fintech Stocks**

S		PlotSymbol					suri.Chg%			
	5	Sym	Name	Exch	Price	Last	1D%	W%	М%	YTD%
1	Fi	nTech								
2		EBIX	Ebix Inc	NASDS	86.75	86.75	1.33	8.10	5.86	9.46
3		FISV	Fiserv Inc	NASDAQ	142.72	142.72	1.59	3.83	3.23	8.84
4		GOOGL	Alphabet Inc CI A	NASDAQ	1,095.50	1,095.53	0.38	4.71	-3.83	4.00
5		INTU	Intuit Inc	NASDAQ	171.69	171.69	1.39	9.31	4.50	8.82
6		JKHY	Henry(Jack) & Assoc	NASDAQ	122.08	122.08	0.96	5.85	-2.17	4.38
7		MGI	MoneyGram Intl	NASDAQ	11.59	11.59	(1.29)	5.94	-7.13	12.06
8		PAYX	Paychex Inc	NASDAQ	66.81	66.81	0.51	4.13	-4.06	(1.87
9		PYPL	PayPal Hldgs Inc	NASDAQ	78.37	78.30	0.10	4.84	-4.97	6.45
10		FINX	GlbIX FinTech ETF	NASDAQ	23.58	23.58	0.38	6.65	-0.17	7.43
Me	cl	aimer: Ed	ucation purposes only, not a	n advice	Charts: Tr	adeStatto	6n/18 5:	27 PM		

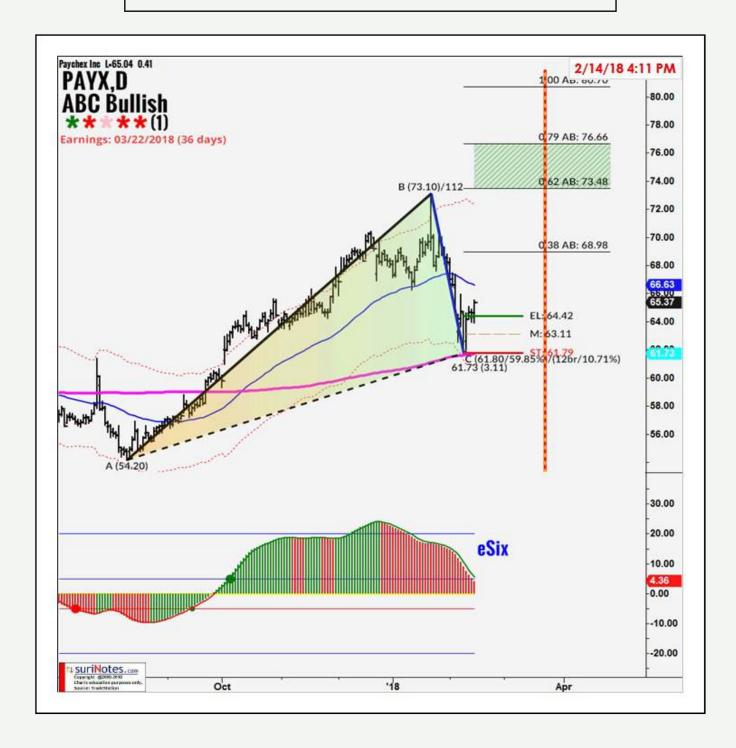
S		PlotSymbol					suri.Chg%			
3	Sym	Name	Exch	Price	Last	1D%	W%	М%	YTD%	
1	AXP	American Express Co	NYSE	96.79	96.79	0.24	5.53	-3.94	(2.54	
2	CLGX	CoreLogic Inc	NYSE	45.59	45.59	0.15	6.49	-3.76	(1.34	
3	EFX	Equifax Inc	NYSE	117.46	116.87	0.25	4.69	-4.67	(0.39	
4	GPN	Global Payments Inc	NYSE	114.35	114.35	1.75	10.03	8.08	14.0	
5	GWRE	Guidewire Software Inc	NYSE	81.88	82.00	(0.12)	8.78	8.25	10.2	
6	MA	Mastercard Inc	NYSE	175.65	175.74	0.55	6.33	6.90	16.0	
7	PAY	Verifone Systems Inc	NYSE	17.37	17.37	(0.29)	1.70	-3.23	(1.92	
8	SQ	Square Inc	NYSE	44.11	44.15	(0.41)	11.47	10.11	27.2	
9	V	Visa Inc	NYSE	121.85	121.95	(0.35)	4.75	-0.11	6.8	
10	WP	Vantiv Inc	NYSE	76.84	76.84	0.52	4.18	-1.35	4.4	
11	WU	Western Union Co (THE)	NYSE	20.26	20.26	0.30	4.65	0.10	6.5	
		Western Union Co (THE) ducation purposes only, not a			<b>20.26</b> TradeS <b>2</b> at			0.10	6	

### **GOOG ABC Bullish Pattern**



GOOGL (Daily) ABC Bullish Pattern Long Entry above \$1048.20, Stop below \$996.99 (-51.21), Target1 Zone: 1169.7 to 1216.6, Target2 Zone: 1351.8 to 1449.6

### **PAYX ABC Bullish Pattern**



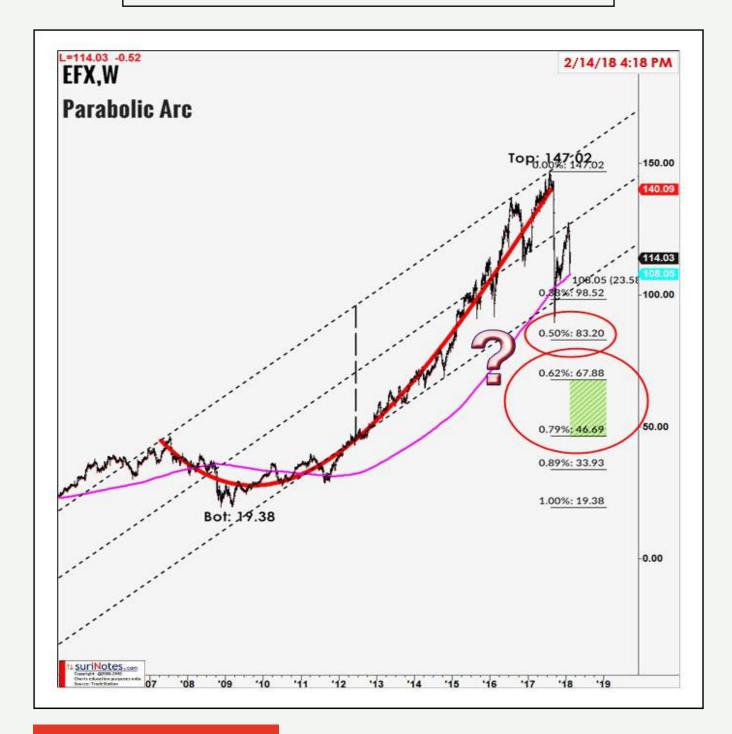
PAYX (Daily) ABC Bullish Pattern Long Entry above \$64.42, Stop below \$61.79 (-2.63), Target1 Zone: 73.5 to 76.7, Target2 Zone: 85.8 to 92.4

# **SQ ABC Bullish Pattern**



SQ (Daily) ABC Bullish Pattern Long Entry above \$36.16, Stop below \$34.13 (-2.03), Target1 Zone: 49.8 to 54.1, Target2 Zone: 66.3 to 75.2

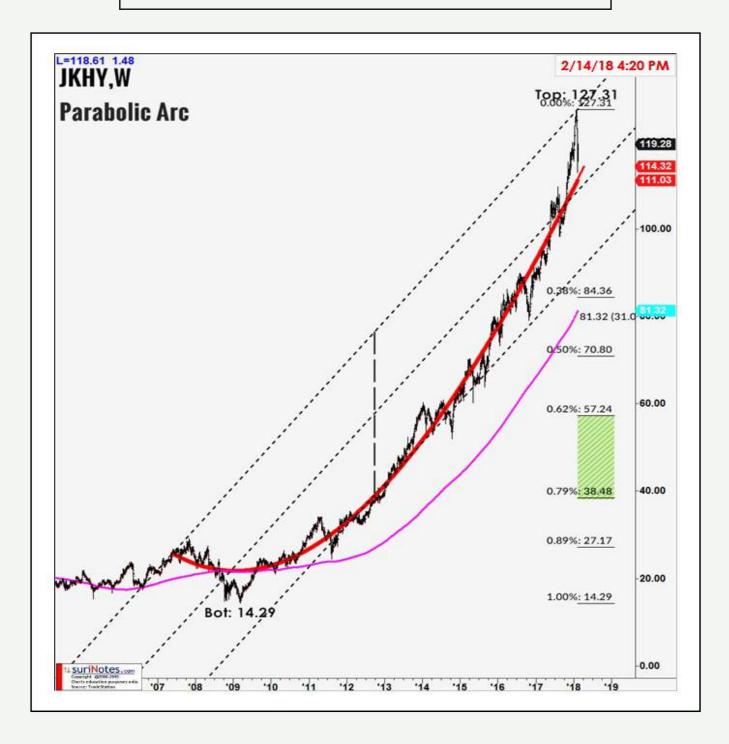
### **EFX Parabolic Arc Pattern**



### Reviewed in CPAT 1/1/18

EFX (W) is trading in Parabolic Arc from 05/22/2009 (low: 19.38) to 07/28/2017 (high: 147.02). Parabolic Arc patterns are long-term patterns, but most of the upside parabolic patterns return to at least 50-62% of its prior rise in a correction mode.

## **JKHY Parabolic Arc Pattern**



JKHY (W) is trading in Parabolic Arc from 03/13/2009 (low: 14.29) to 02/09/2018 (high: 127.31). Parabolic Arc patterns are long-term patterns, but most of the upside parabolic patterns return to at least 50-62% of its prior rise in a correction mode.

### **EBIX Inv. H&S Pattern**



EBIX (D) is trading in Inv. H&S Pattern (F). Long entry above 62.67, Stop below 59.53 (3.14), Target1 Zone: 69.0 to 70.7, Target2 Zone: 75.7 to 79.3

# **GWRE Symmetric Triangle Pattern**



GWRE (Daily) is trading in Symmetric Triangle pattern.

# **Chart Patterns**

# **Stocks/Options/Indexes**

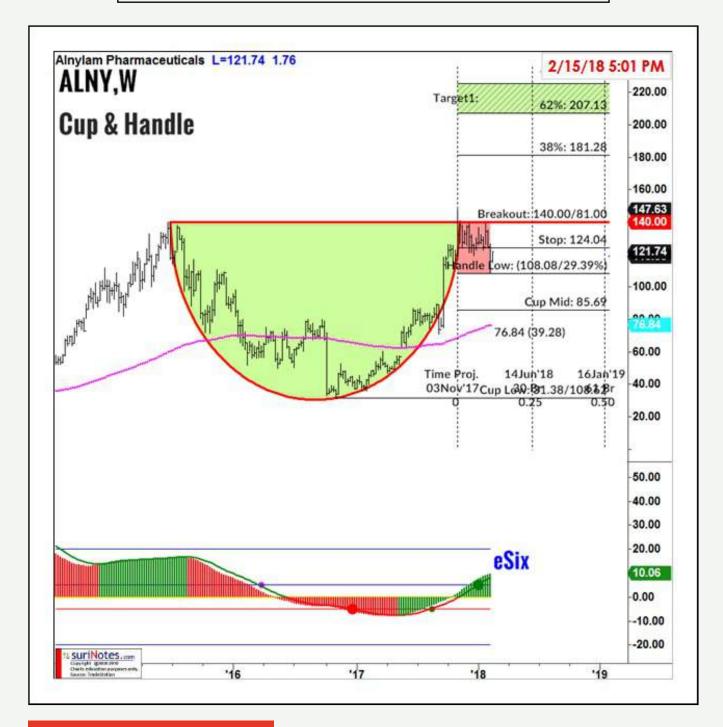


# **CYBR ABC Bullish Pattern**



Reviewed in CPAT 1/1/18

# **ALNY Cup & Handle Pattern**



#### Reviewed in CPAT 12/04/17

ALNY (Weekly) is trading in Cup & Handle Pattern. Cup and Handle Patterns are valid only when price closes above Breakout levels. Breakout level: 140.10, Mid Cup Level: 85.69, T1: 207.1 to 225.4 T2: 277.9 to 316.0

### **SINA ABC Bullish Pattern**



SINA (Daily) ABC Bullish Pattern Long Entry above \$108.02, Stop below \$100.32 (-7.70), Target1 Zone: 118.2 to 123.0, Target2 Zone: 137.0 to 147.1

# **FIVE Cup & Handle Pattern**



FIVE (Daily) is trading in Cup & Handle Pattern. Cup and Handle Patterns are valid only when price closes above Breakout levels. Breakout level: 52.80, Mid Cup Level: 43.87, T1: 63.6 to 66.6 T2: 75.1 to 81.3

# **OLED MegaPhone Pattern**



#### Reviewed in CPAT 1/29/18

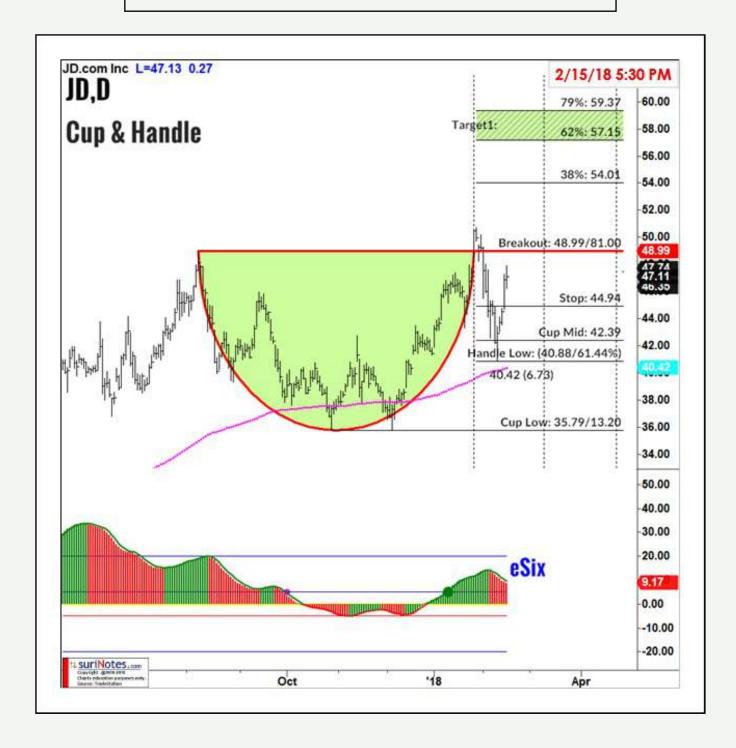
OLED (Daily) is trading in Mega Phone pattern. Price bounced off 200-SMA. Earnings: 2/22/18.

### **JD ABC Bullish Pattern**



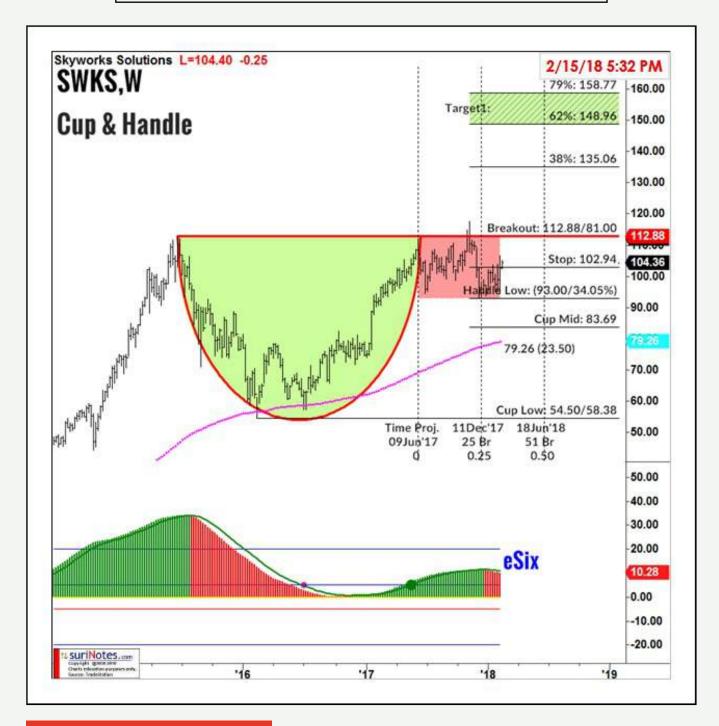
JD (Daily) ABC Bullish Pattern Long Entry above \$44.19, Stop below \$40.92 (-3.27), Target1 Zone: 50.1 to 52.6, Target2 Zone: 59.8 to 65.0

# **JD Cup & Handle Pattern**



JD (Daily) is trading in Cup & Handle Pattern. Cup and Handle Patterns are valid only when price closes above Breakout levels. Breakout level: 49.09, Mid Cup Level: 42.39, T1: 57.1 to 59.4 T2: 65.8 to 70.4

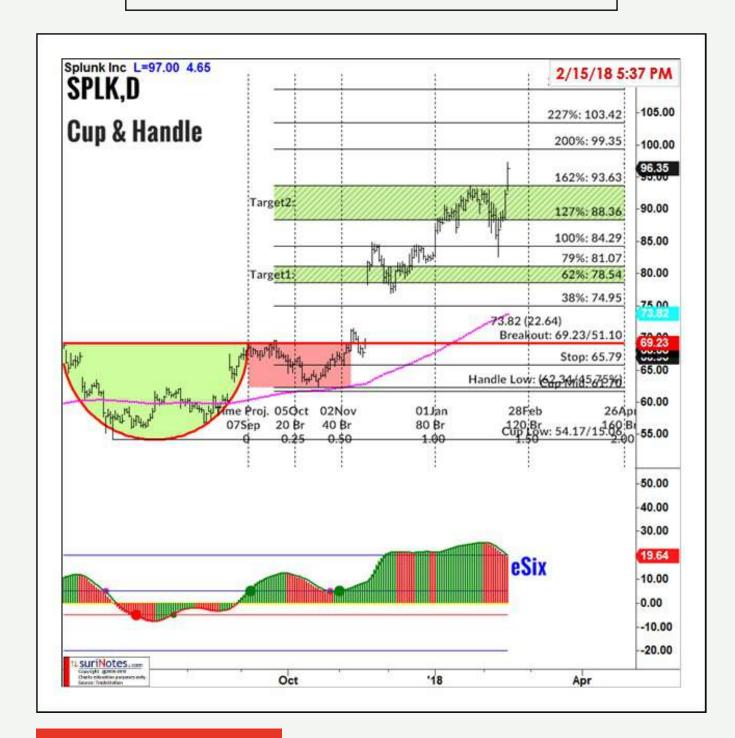
### **SWKS Cup & Handle Pattern**



### Reviewed in CPAT 1/29/18

SWKS (Weekly) is trading in Cup & Handle Pattern. Cup and Handle Patterns are valid only when price closes above Breakout levels. Breakout level: 112.98, Mid Cup Level: 83.69, T1: 149.0 to 158.8 T2: 187.0 to 207.5

### **SPLK Cup & Handle Pattern**



### Reviewed in CPAT 10/23/17

SPLK (Daily) is trading in Cup & Handle Pattern. Cup and Handle Patterns are valid only when price closes above Breakout levels. Breakout level: 69.33, Mid Cup Level: 61.70, T1: 78.5 to 81.1 T2: 88.4 to 93.6

### **SPLK Inv. H&S Pattern**



SPLK (D) is trading in Inv. H&S Pattern. Long entry above 69.23, Stop below 65.81 (3.42), Target1 Zone: 78.5 to 81.1, Target2 Zone: 88.4 to 93.6

### X Cup & Handle Pattern



### Reviewed in CPAT 1/29/18

X (Daily) is trading in Cup & Handle Pattern. Cup and Handle Patterns are valid only when price closes above Breakout levels. Breakout level: 41.93, Mid Cup Level: 30.19, T1: 56.2 to 60.1 T2: 71.4 to 79.5

### **UA ABC Bullish Pattern**



### Reviewed in CPAT 1/29/17

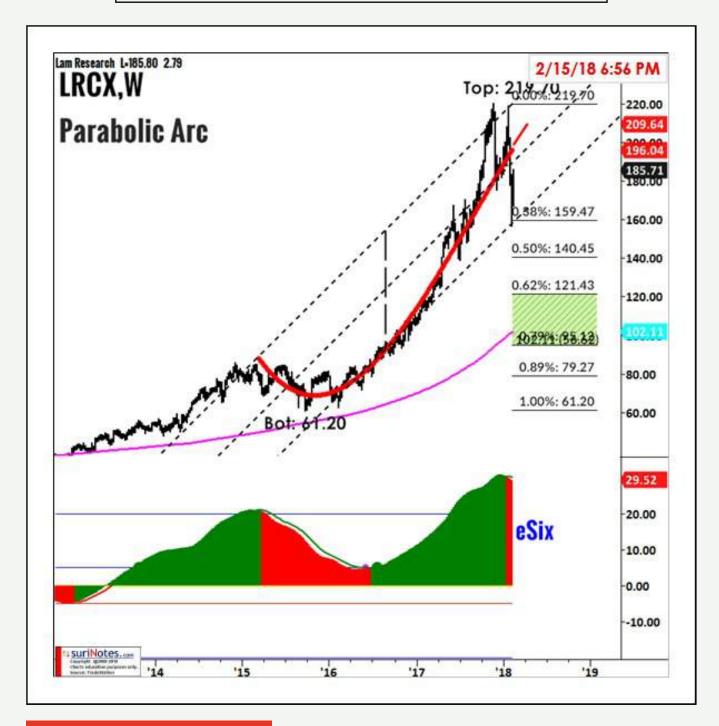
UA (Daily) ABC Bullish Pattern Long Entry above \$12.12, Stop below \$11.40 (-0.72), Target1 Zone: 14.7 to 15.6, Target2 Zone: 18.2 to 20.0

### **EQIX 3-Drives Bear Pattern**



EQIX (Daily) is trading in 3-Drives pattern.

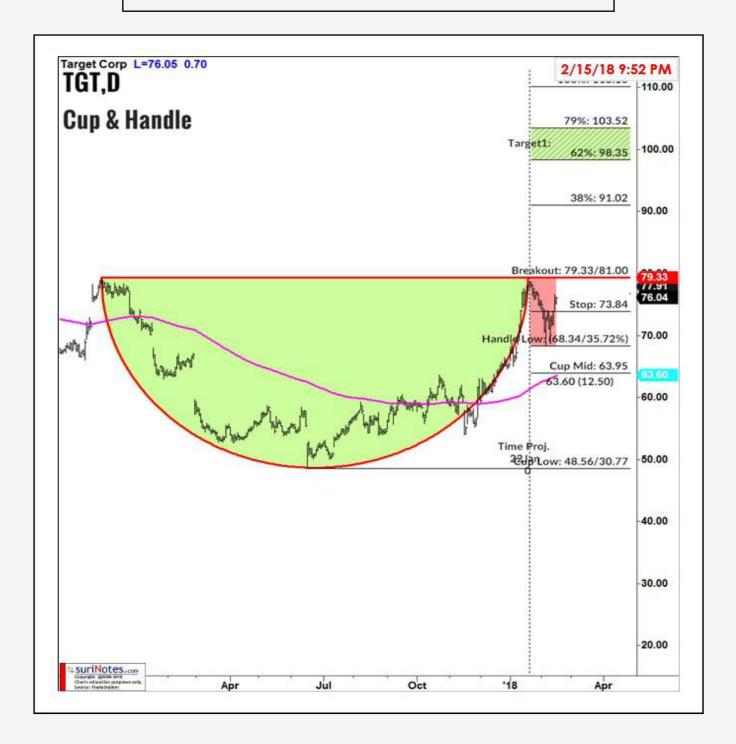
### **LRCX Parabolic Arc Pattern**



### Reviewed in CPAT 1/29/18

LRCX (W) is trading in Parabolic Arc from 09/25/2015 (low: 61.20) to 02/09/2018 (high: 219.70). Parabolic Arc patterns are long-term patterns, but most of the upside parabolic patterns return to at least 50-62% of its prior rise in a correction mode.

### **TGT Cup & Handle Pattern**



TGT (Daily) is trading in Cup & Handle Pattern. Cup and Handle Patterns are valid only when price closes above Breakout levels. Breakout level: 79.43, Mid Cup Level: 63.95, T1: 98.3 to 103.5 T2: 118.4 to 129.2

### **FFIV Cup & Handle Pattern**



FFIV (Daily) is trading in Cup & Handle Pattern. Cup and Handle Patterns are valid only when price closes above Breakout levels. Breakout level: 149.60, Mid Cup Level: 132.07, T1: 171.0 to 176.9 T2: 193.8 to 206.0

# **Earnings**

Companies releasing earnings in the next few weeks.



# **February Earnings Calendar**

	AVGO AVGO CTRP CTRP CTRP CTRP CTRP DDD DDD DDD DDD DDD DDD DDD DDD DDD D
	ACAD AZO AZO AZO AZO AZO AZO OSTK BBN MAX JAZZ JAZZ PRGO PRGO PRGO WDAY
	26  CRZO  CRZO  HDB  AZC  HDB  AZC  HDB  AZC  HTZ  OVE  PRO  PRO  PRO  PRO  PRO  PRO  PRO  PR
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# **March Earnings Calendar**

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	Thu AMBA AMUSA JCP ADSK HRB RBWY BBY BBY BBY BBY BBY STRA TITM VIET VMWW WAGE  Disclaimer Education purposes only
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	AMBA AMCX AMCX AMCX AMBBY SPIT STRA SPIT STRA VIET VAWW WAGE

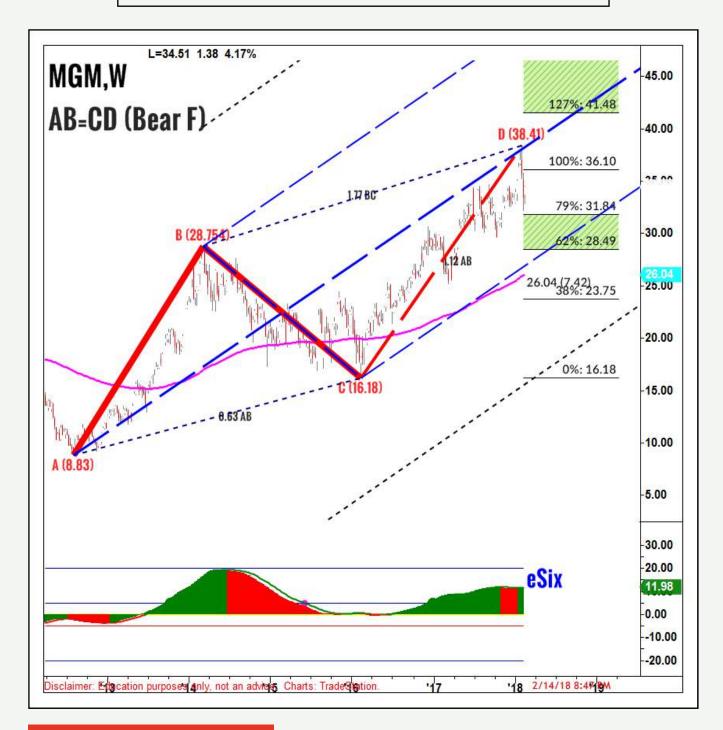
### **HD Parabolic Arc Pattern**



### Reviewed in CPAT 11/13/17

HD (W) is trading in Parabolic Arc from 10/10/2008 (low: 17.05) to 02/09/2018 (high: 207.60). Parabolic Arc patterns are long-term patterns, but most of the upside parabolic patterns return to at least 50-62% of its prior rise in a correction mode.

### **MGM AB=CD Pattern**



### Reviewed in CPAT 1/1/18

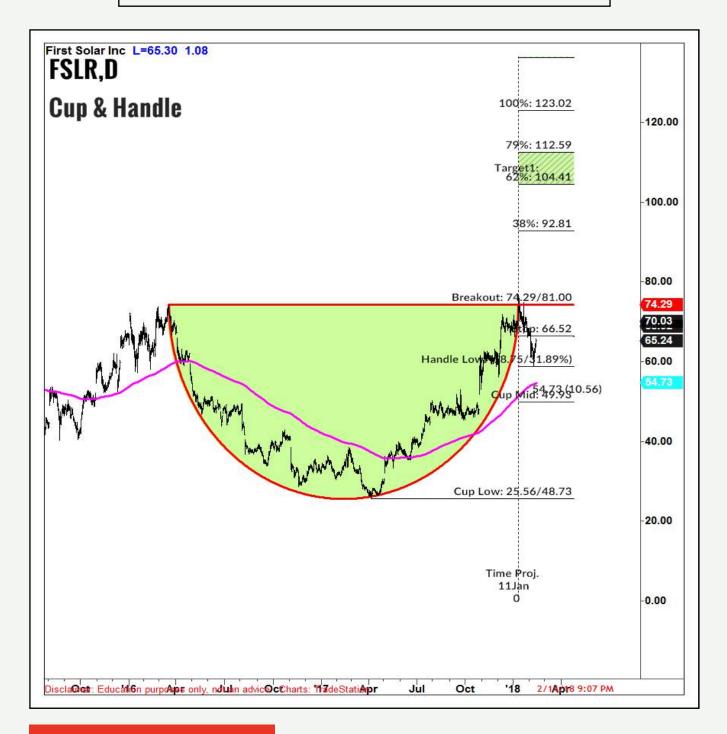
MGM (Weekly) is trading in AB=CD pattern.

### **PAAS ABC Bullish Pattern**



PAAS (Daily) ABC Bullish Pattern Long Entry above \$15.56, Stop below \$14.68 (-0.88), Target1 Zone: 17.0 to 17.6, Target2 Zone: 19.4 to 20.6

### **FSLR Cup & Handle Pattern**



### Reviewed in CPAT 1/08/18

FSLR (Daily) is trading in Cup & Handle Pattern. Cup and Handle Patterns are valid only when price closes above Breakout levels. Breakout level: 74.39, Mid Cup Level: 49.93, T1: 104.4 to 112.6 T2: 136.2 to 153.2

### **NEM ABC Bullish Pattern**



NEM (Daily) ABC Bullish Pattern Long Entry above \$37.24, Stop below \$35.97 (-1.27), Target1 Zone: 40.8 to 42.1, Target2 Zone: 45.9 to 48.7

### **OLED MegaPhone Pattern**



### Reviewed in CPAT 1/29/18

OLED (Daily) is trading in Mega Phone pattern.

### **ZBRA ABC Bullish Pattern**



ZBRA (Daily) ABC Bullish Pattern Long Entry above \$115.53, Stop below \$110.47 (-5.06), Target1 Zone: 125.9 to 130.1, Target2 Zone: 142.2 to 151.0

# **Chart Patterns**

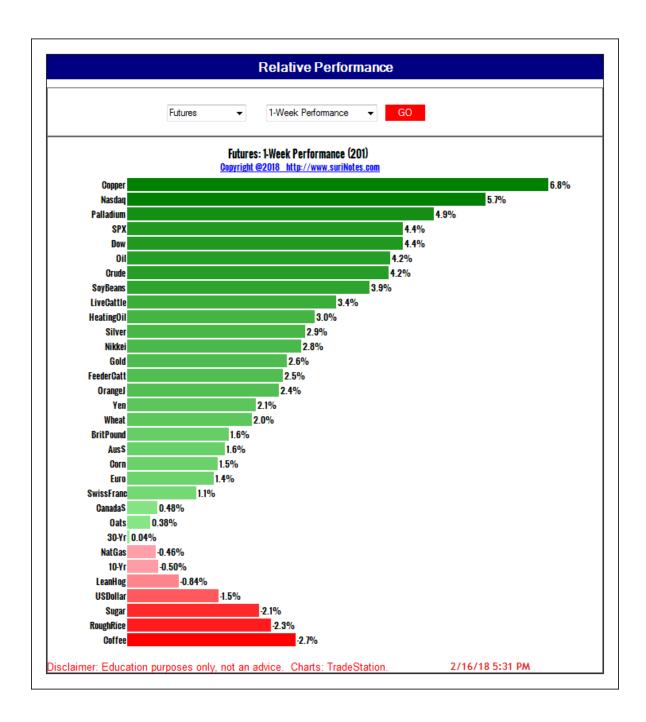
### **Futures & Commodities**



## **Futures D, W, M, YTD Chg%**

	S		PlotSymbol				suri.Chg%				
	5	Sym	Name	Exch	Price	1D%	W%	М%	YTD%	PYTD9	
-	Fu	tures									
2		_	Australian Dollar Continuous C	CME	0.7910	(0.30)		.2114	1.27	9.0	
3		_	British Pound Continuous Cont	CME	1.4050	(0.40)		.0283	3.64	8.3	
4		@C	Corn Continuous Contract [Ma	CBOT	367 2/8	(0.14)	1.45		4.70	(12.8	
5		@CD	Canadian Dollar Continuous Co	CME	0.79690	(0.50)		20258	(0.26)	6.8	
6		@CL	Crude Oil Continuous Contract	NYMEX	61.51	0.55		-3.51	2.18	4.6	
7		@DX	U.S. Dollar Index Continuous C	ICEUS	89.035	0.60	(1.44)	1.415	(3.04)	(9.3	
8		@EC	Euro FX Continuous Contract [	CME	1.24300	(0.80)	1.39	19266	2.94	11.7	
9		@FC	Feeder Cattle Continuous Cont	CME	149.850	0.02	2.50	2.655	5.03	14.0	
10		@GC	Gold Continuous Contract [Apr	COMEX	1,349.4	(0.44)	2.56	0.4	2.66	11.7	
11		@HG	Copper Continuous Contract [N	COMEX	3.2385	(0.22)	6.76	.5522	(1.88)	27.2	
12		@НО	Heating Oil Continuous Contra	NYMEX	1.9110	1.02	3.01	.2600	(7.21)	17.2	
13		@JY	Japanese Yen Continuous Conti	CME	0.94215	(0.06)	2.07	34710	5.69	1.7	
14		@KC	Coffee C Continuous Contract	ICEUS	120.45	(3.07)	(2.71)	-3.68	(6.01)	(16.1	
15		@LC	Live Cattle Continuous Contrac	CME	127.775	0.41	3.36	5.599	5.10	8.3	
16		@LH	Lean Hogs Continuous Contract	CME	68.275	(2.12)	(0.84)	8.047	(6.86)	2.3	
17		@NG	Natural Gas Continuous Contra	NYMEX	2.572	(0.31)	(0.46)	8.241	1.90	(37.3	
18		@NQ	E-Mini NASDAQ-100 Continuo	CME	6,786.75	(0.43)	5.75	-0.54	5.90	30.7	
19		@O	Oats Continuous Contract [Ma	CBOT	267 4/8	(0.37)	0.38	5 2/8	11.00	(7.3	
20		@OJ	Frozen Concentrated OJ Contir	ICEUS	151.20	1.49	2.44	8.00	10.49	(21.1	
21		@PL	Platinum Continuous Contract	NYMEX	1,008.80	0.76	4.92	-0.21	7.51	2.0	
22		@QM	E-mini Crude Oil Continuous Co	NYMEX	61.525	0.56	4.23	3.498	2.19	4.6	
23		@RR	Rough Rice Continuous Contra	СВОТ	12.040	0.75	(2.31)	0.905	1.13	5.0	
24		@S	Soybeans Continuous Contract	CBOT	1021 2/8	(0.29)	3.89	5 3/8	6.19	(8.7	
25		@SB	Sugar No. 11 Continuous Contr	ICEUS	13.38	(1.79)	(2.12)	-0.30	(11.74)	(25.8	
26		@SF	Swiss Franc Continuous Contra	CME	1.0800	(0.56)	1.11	.3691	4.58	2.0	
27		@SI	Silver Continuous Contract [Ma	COMEX	16.600	(1.18)	2.86	3.297	(3.18)	4.7	
28			10 Yr U.S. Treasury Notes Cont	СВОТ	120'18.0	0.09	(0.50)		(2.81)	0.9	
29			Wheat Continuous Contract [N	CBOT	458	(0.82)		B 5/8	7.26		
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### **Futures Weekly Performance**



### **@AD ABC Bullish Pattern**



### Reviewed in CPAT 1/1/18

AD (Daily) ABC Bullish Pattern Long Entry above \$0.7843, Stop below \$0.7756 (-0.0087), Target1 Zone: 0.815 to 0.826, Target2 Zone: 0.857 to 0.879

### **CD ABC Bullish Pattern**



CD (Daily) ABC Bullish Pattern Long Entry above \$0.79740, Stop below \$0.78800 (-0.00940), Target1 Zone: 0.8137 to 0.8207, Target2 Zone: 0.8408 to 0.8554

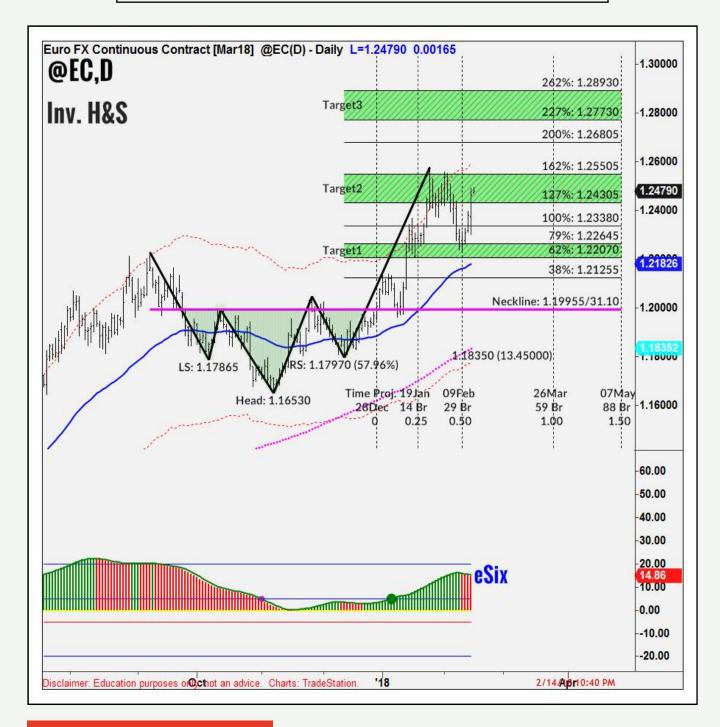
### **@DX Head and Shoulders Pattern**



### Reviewed in CPAT 1/29/18

@DX (D) is trading in H&S Pattern. Short entry below 92.205, Stop above 93.015 (-0.810), Target1 Zone: 90.67 to 90.26, Target2 Zone: 89.06 to 88.19

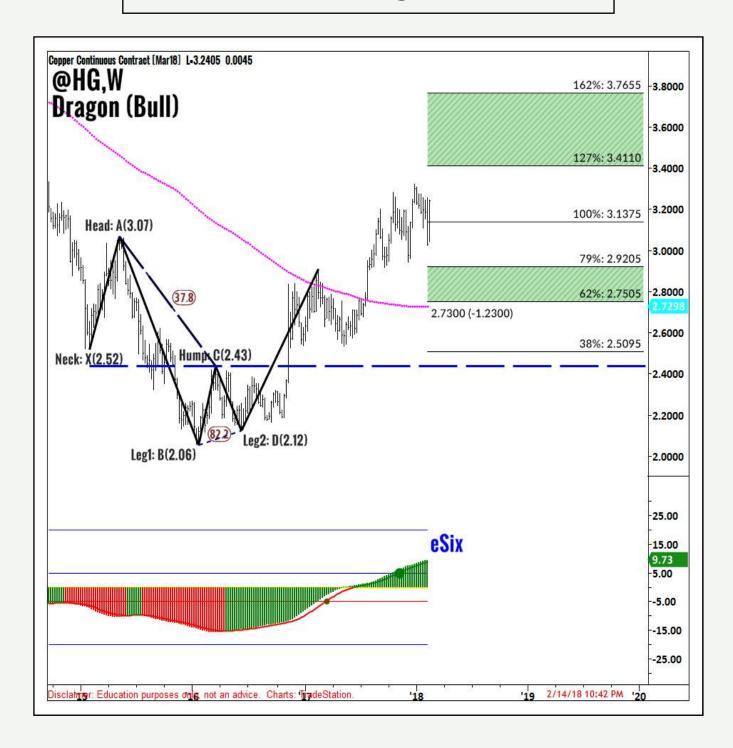
### **@EC Inv. Head and Shoulders Pattern**



### Reviewed in CPAT 1/15/18

@EC (D) is trading in Inv. H&S Pattern. Long entry above 1.19955, Stop below 1.18962 (0.00992), Target1 Zone: 1.2207 to 1.2265, Target2 Zone: 1.2430 to 1.2550

### **@HG Bullish Dragon Pattern**



@HG (Weekly) is trading bullish Dragon pattern.

### **@JY ABC Bullish Pattern**



JY (Daily) ABC Bullish Pattern Long Entry above \$0.89100, Stop below \$0.88465 (-0.00635), Target1 Zone: 0.9032 to 0.9082, Target2 Zone: 0.9227 to 0.9331

### **@SI ABC Bullish Pattern**

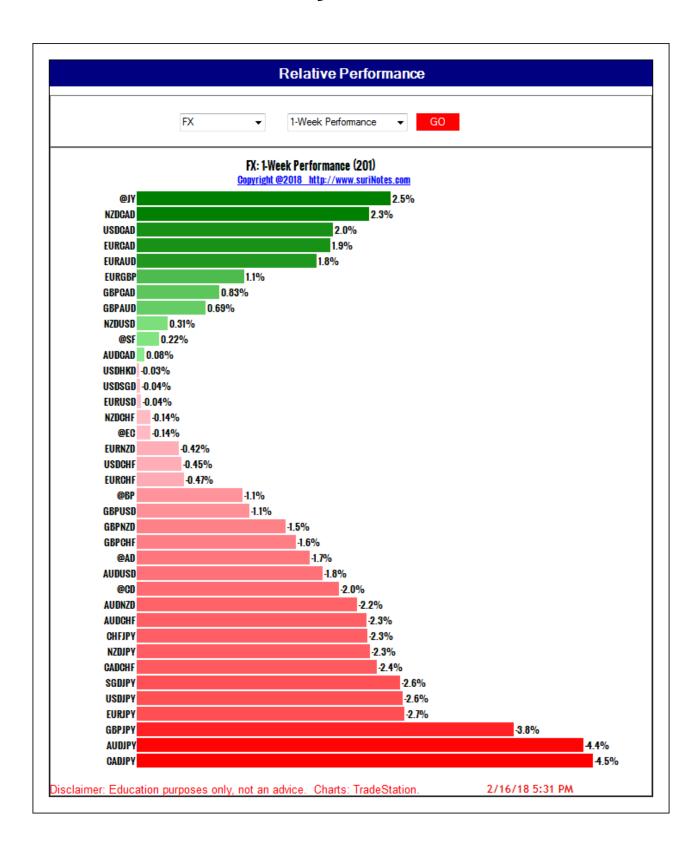


@SI (Daily) ABC Bullish Pattern Long Entry above \$16.430, Stop below \$16.125 (-0.305), Target1 Zone: 17.41 to 17.76, Target2 Zone: 18.76 to 19.48

# Chart Patterns FX



### **FX Weekly Performance**



## **FX Chg%**

	3	PlotSymbol					S	uri.Chg%		
		Sym	Name	Exch	Price	1D%	W%	М%	YTD%	PYT
1	FΧ	(Pairs								
2		AUDCAD	Aust Dollar / Canadian Dollar	FOREX	0.99268	0.12	1.04	0.2	1.13	1.4
3		AUDCHF	Aust Dollar / Swiss Franc	FOREX	0.73300	0.08	(0.03)	(4.7)	(3.54)	3.6
4		AUDJPY	Aust Dollar / Japanese Yen	FOREX	84.046	(0.34)	(1.05)	(5.2)	(4.36)	4.3
5		AUDNZD	Aust Dollar / New Zealand \$	FOREX	1.06961	(0.24)	(0.60)	(2.4)	(2.65)	5.8
6		AUDUSD	Aust Dollar / US Dollar	FOREX	0.79073	(0.48)	1.26	(0.8)	1.34	8.3
7		CADCHF	Canadian Dollar / Swiss Franc	FOREX	0.73801	(0.07)	(1.08)	(4.9)	(4.62)	2.2
8		CADJPY	Canadian Dollar / Japanese Yen	FOREX	84.624	(0.48)	(2.10)	(5.4)	(5.41)	2.8
9		CHFJPY	Swiss Franc / Japanese Yen	FOREX	114.535	(0.50)	(1.02)	(0.6)	(0.86)	0.6
0		EURAUD	Euro / Australian Dollar	FOREX	1.56824	(0.35)	0.06	2.6	2.06	5.2
1		EURCAD	Euro / Canadian Dollar	FOREX	1.55791	(0.19)	1.11	2.8	3.20	6.8
2		EURCHF	Euro / Swiss Franc	FOREX	1.15041	(0.22)	0.00	(2.2)	(1.57)	9.0
3		EURGBP	Euro / British Pound	FOREX	0.88386	(0.34)	(0.22)	0.3	(0.47)	4.1
4		EURJPY	Euro / Japanese Yen	FOREX	131.911	(0.64)	(1.01)	(2.7)	(2.41)	9.7
5		EURNZD	Euro / New Zealand Dollar	FOREX	1.67827	(0.56)	(0.58)	0.2	(0.72)	11.4
6		EURUSD	Euro / US Dollar	FOREX	1.24083	(0.79)	1.29	1.8	3.40	14.0
7	П	GBPAUD	British Pound / Aust Dollar	FOREX	1.77343	(0.04)	0.27	2.2	2.56	0.9
8		GBPCAD	British Pound / Canadian \$	FOREX	1.76186	0.14	1.34	2.5	3.70	2.4
9	П	GBPCHF	British Pound / Swiss Franc	FOREX	1.30055	0.06	0.21	(2.5)	(1.13)	4.6
20	П	GBPJPY	British Pound / Japanese Yen	FOREX	149.134	(0.35)	(0.80)	(3.1)	(1.98)	5.3
21	П	GBPNZD	British Pound / New Zealand \$	FOREX	1.89813	(0.23)	(0.35)	(0.1)	(0.24)	6.9
22	П	GBPUSD	British Pound / US Dollar	FOREX	1.40327	(0.48)	1.52	1.5	3.93	9.4
23	П	NZDCAD	New Zealand \$ / Canadian \$	FOREX	0.92773	0.36	1.70	2.6	3.99	(4.0
24	П	NZDCHF	New Zealand \$ / Swiss Franc	FOREX	0.68482	0.29	0.60	(2.4)	(0.76)	(1.9
25		NZDCHF	New Zealand \$ / Swiss Franc	FOREX	0.68482	0.29	0.60	(2.4)	(0.76)	
26		NZDJPY	New Zealand \$ / Japanese Yen	FOREX	78.521	(0.12)	(0.40)	(2.9)	(1.70)	
27		NZDUSD	New Zealand \$ / US Dollar	FOREX	0.73875	(0.27)	1.90	1.6	4.26	2.4
28		SGDJPY	Singapore Dollar/Japanese Yen	FOREX	81.003	(0.10)	(1.06)	(3.5)	(3.76)	4.2
29	П		US Dollar / Canadian Dollar	FOREX	1.25549	0.59	(0.18)	1.0	(0.20)	
30	П	USDCHF	US Dollar / Swiss Franc	FOREX	0.92700	0.55	(1.28)	(4.0)	(4.81)	•
31	Н		US Dollar / Hong Kong Dollar	FOREX	7.82058	0.01	0.04	0.0	0.10	0.7
2	Н		US Dollar / Japanese Yen	FOREX	106.287	0.14	(2.27)	(4.5)	(5.65)	
3	Н		US Dollar / Singapore Dollar	FOREX	1.31139	0.20	(1.19)	(1.0)	(1.87)	•
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### **AUDJPY Head and Shoulders Pattern**



### Reviewed in CPAT 2/12/18

AUDCHF (D) is trading in Inv. H&S Pattern. Long entry above 0.77955, Stop below 0.76055 (0.01900), Target1 Zone: 0.8197 to 0.8306, Target2 Zone: 0.8621 to 0.8848

### **AUDNZD Head and Shoulders Pattern**



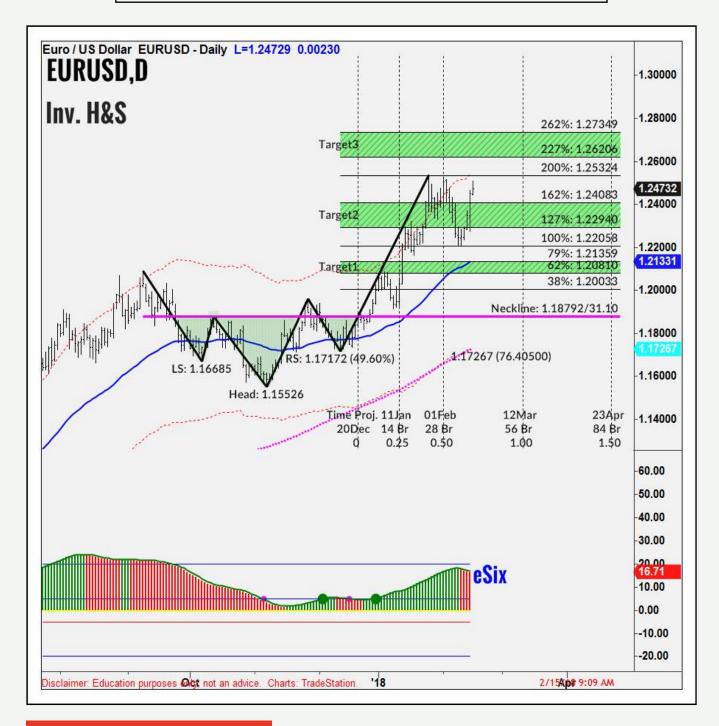
AUDNZD (D) is trading in H&S Pattern (F). Short entry below 1.08398, Stop above 1.09556 (-0.01158), Target1 Zone: 1.0562 to 1.0487, Target2 Zone: 1.0270 to 1.0112

### **AUDUSD ABC Bullish Pattern**



AUDUSD (Daily) ABC Bullish Pattern Long Entry above \$0.78426, Stop below \$0.77582 (-0.00844), Target1 Zone: 0.8150 to 0.8257, Target2 Zone: 0.8564 to 0.8786

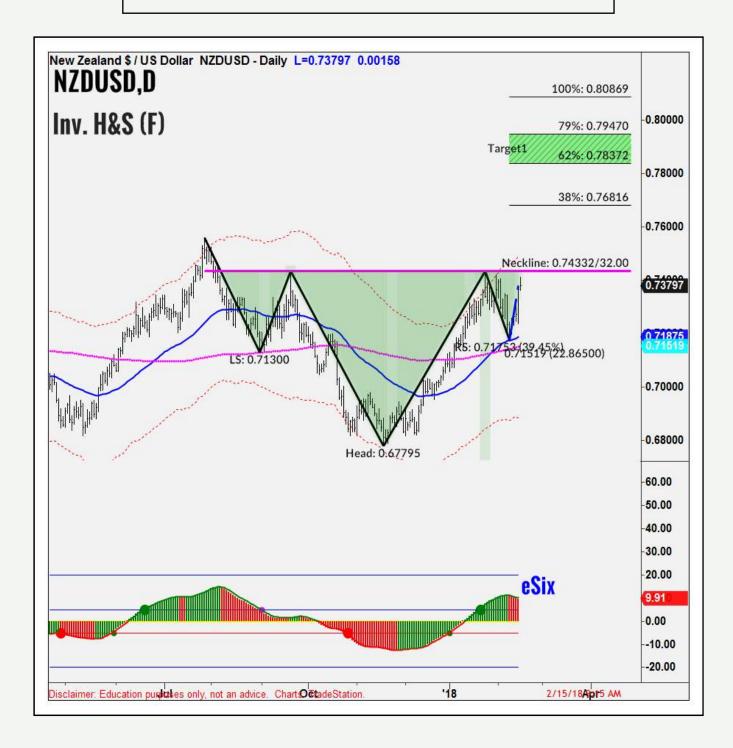
### **EURUSD Inv. Head and Shoulders Pattern**



### Reviewed in CPAT 12/04/17

EURUSD (D) is trading in Inv. H&S Pattern. Long entry above 1.18792, Stop below 1.17982 (0.00810), Target1 Zone: 1.2081 to 1.2136, Target2 Zone: 1.2294 to 1.2408

### **NZDUSD Inv. H&S Pattern**



NZDUSD (D) is trading in Inv. H&S Pattern (F). Long entry above 0.74332, Stop below 0.73042 (0.01289), Target1 Zone: 0.7837 to 0.7947, Target2 Zone: 0.8263 to 0.8492

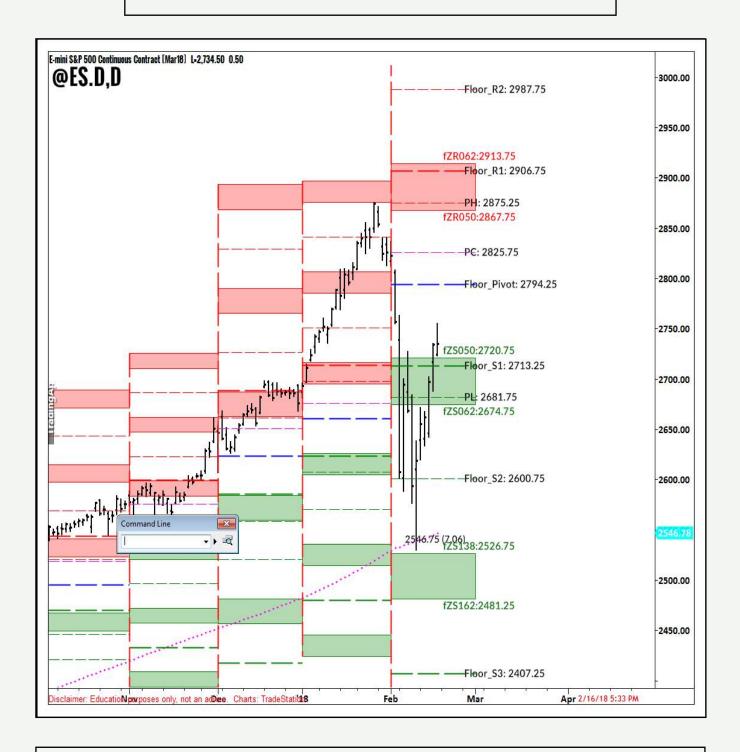
### **USDJPY Head and Shoulders Pattern**



USDJPY (D) is trading in H&S Pattern (F). Short entry below 111.646, Stop above 112.696 (-1.050), Target1 Zone: 109.74 to 109.22, Target2 Zone: 107.73 to 106.65

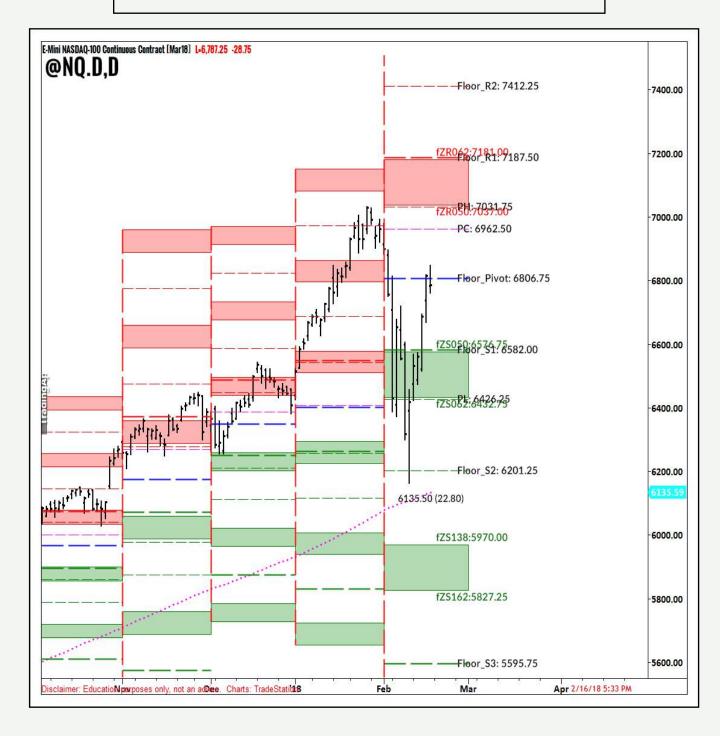


### **ES Fib. Zone Pivots**



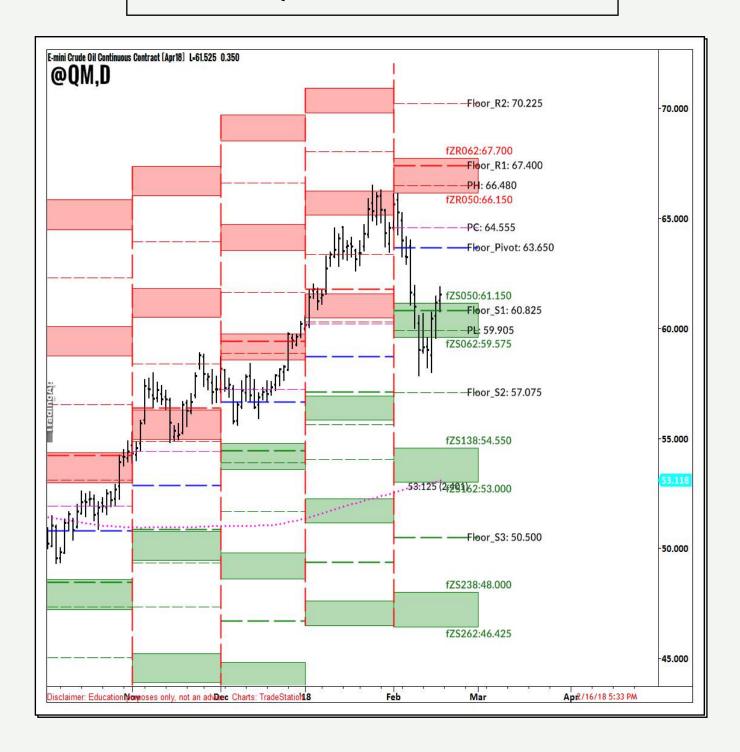
@ES Fib. Zone Pivots

# **NQ Fib. Zone Pivots**



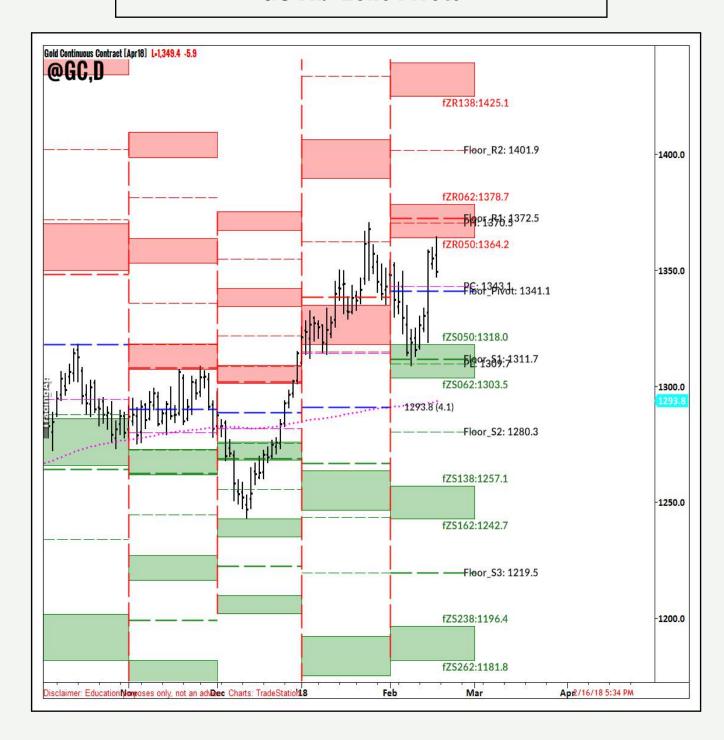
NQ Fib. Zone Pivots

## **QM Fib. Zone Pivots**



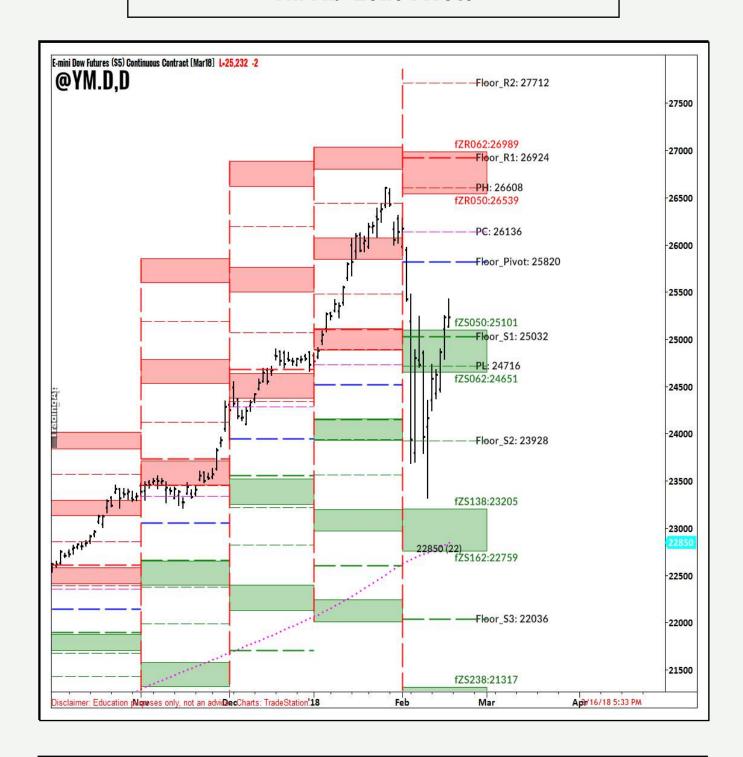
QM Fib. Zone Pivots

### **GC Fib. Zone Pivots**



@GC Fib. Zone Pivots

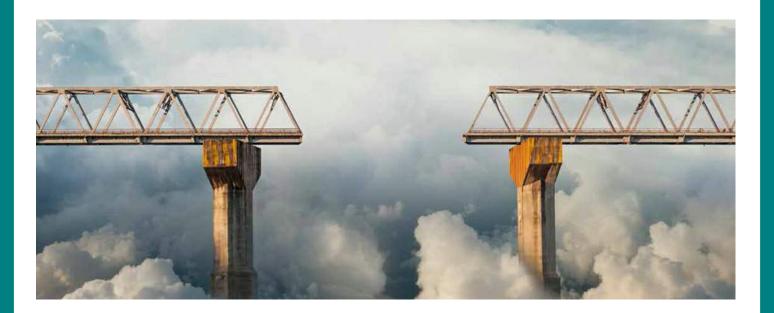
### **YM Fib. Zone Pivots**



YM Fib. Zone Pivots

# **GAP Charts**

Shows filled and unfilled gap levels

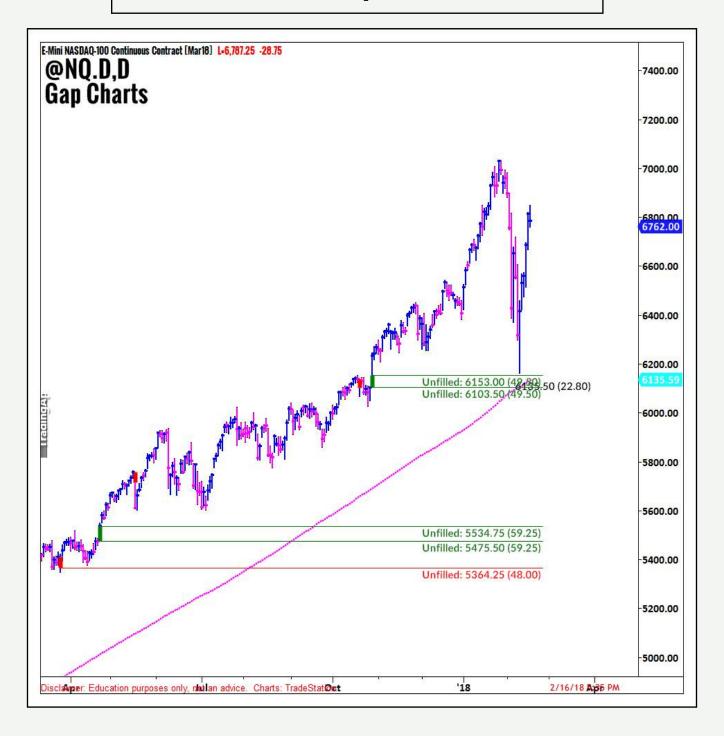


## **@ES Gap Chart**



@ES Gap chart with filled and unfilled Gaps with at least 1 ATR Gap.

## **@NQ Gap Chart**



@NQ Gap chart with filled and unfilled Gaps with at least 1 ATR Gap.

# **YM Gap Chart**



@YM Gap chart with filled and unfilled Gaps with at least 1 ATR Gap.

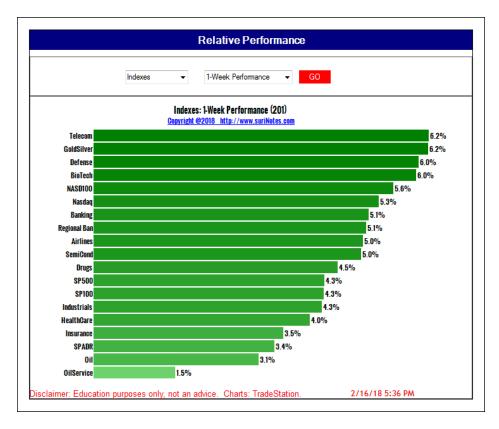
# **Weekly Relative Performances**

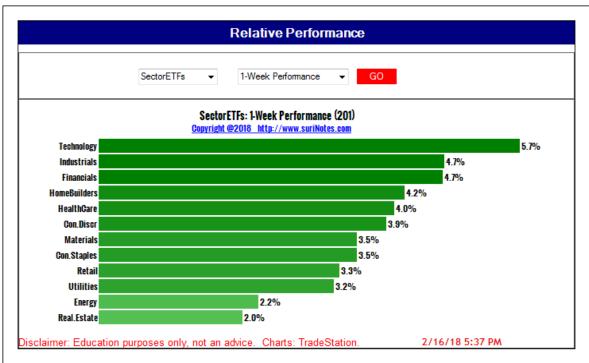


## **Sector & Indexes Relative Performances**

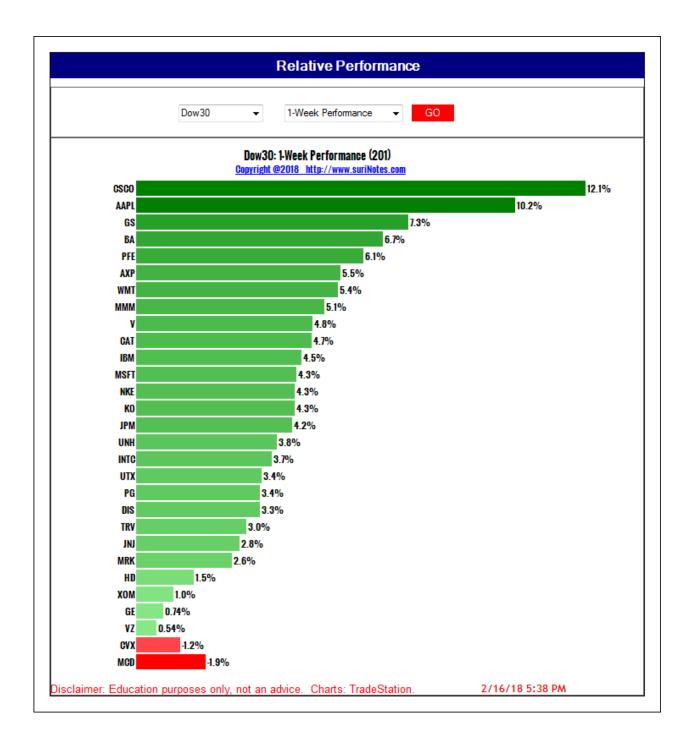
Winners: Telecom, Gold Silver, Defense

Losers: Energy,Real Estate

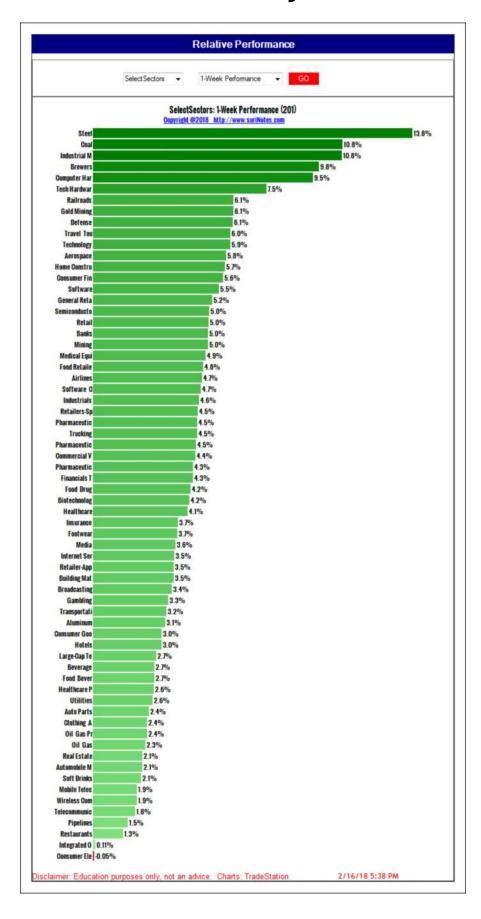




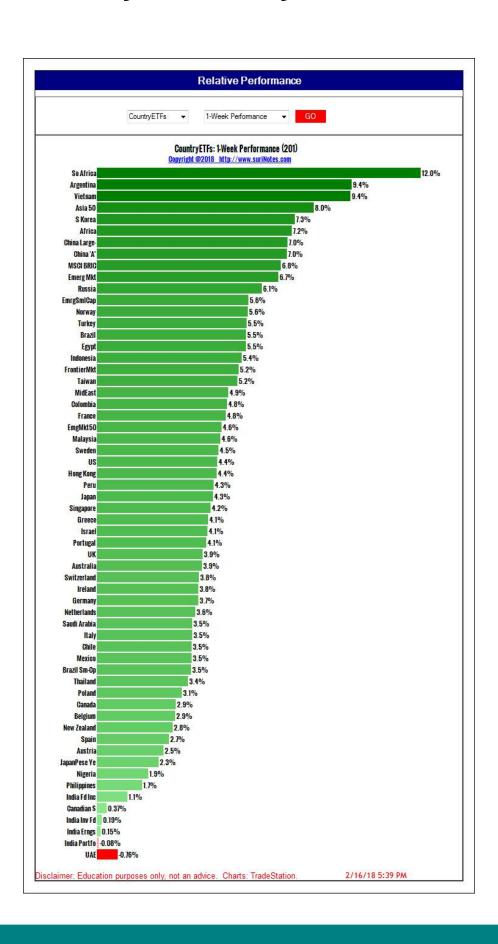
# **Dow 30 Weekly Relative Performance**



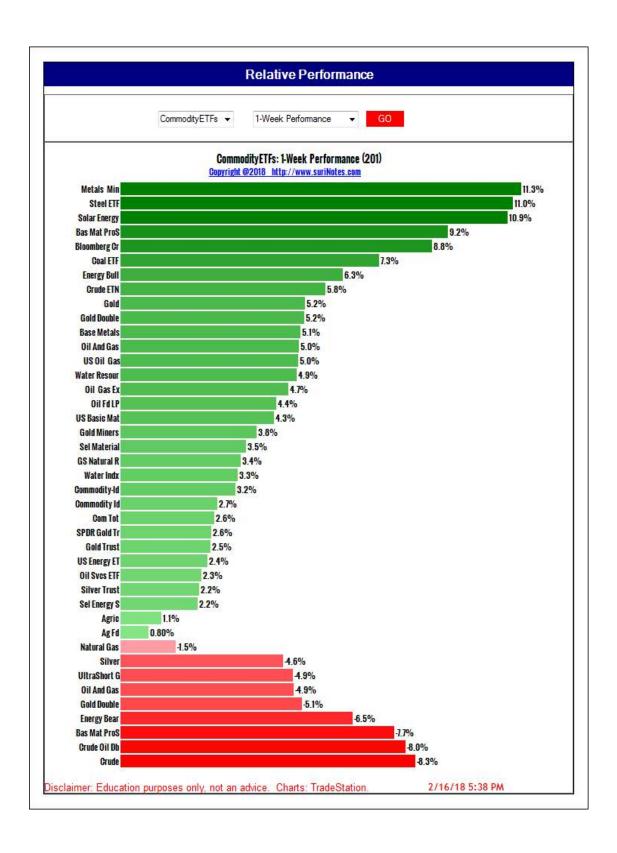
# **Select Sectors Weekly Performance**



# **Country ETFs Weekly Performance**



# **Commodity ETFs Weekly Performance**



# **Watch Lists**

Momentum
Relative Strength
Bullish/Bearish Lists
NH/NL
Oversold/Overbought
Key Retracements

# **Sector ETF %DWMY**

10%   W%   W%   VTD%   PVTD%   Sym
(0.37)         4.21         -3.17         0.12         15.83         %         RTH         VanEck Vctrs Retail ETF         ARCX           (0.32)         13.43         -5.82         4.50         67.19         37         RWY         SPDR DJ Wilshire REIT         ARCX           (0.38)         (12.29)         0.85         (9.07)         -4.518         38         RXD         UltraShort Units Real Et ARCX           (0.24)         4.57         -3.39         0.93         21.16         40         UltraShort Units Real Et ARCX           (0.33)         2.56         1.44         3.49         1.26.86         42         50         UltraShort Unit Real Et ARCX           (0.34)         4.82         -0.26         4.99         26.86         42         50         UltraShort Unit Real Et ARCX           (0.34)         4.82         1.06         42         5.86         42         58         UltraShort Find ProShare ARCX           (0.34)         4.39         1.26.86         42         5.87         UltraShort Find ProShare ARCX           (0.14)         6.22         1.14         43         1.14         47         47         48         48         48         48         48         48         48         4
(0.37)         4.21         -3.17         0.12         15.83         36         RWR         SPDR DJ Wilshire REIT ARCX           (0.38)         (12.29)         0.85         (9.71)         45.18         8         RXD         UltraShort Hith Care ProShs ARCX           (2.13)         3.83         -5.97         (3.14)         11.09         39         SCC         UltraShort Ultiflies ProShs ARCX           (0.29)         4.57         -3.59         0.93         21.16         40         SDC         UltraShort Ultiflies ProShs ARCX           (0.34)         4.78         1.70         7.99         8.62         43         UltraShort Ultiflies ProShs ARCX           (0.34)         4.78         1.70         7.99         8.62         3.14         3.18         ACX           (0.34)         4.78         1.70         7.99         8.62         3.14         ACX           (0.34)         4.79         8.62         3.14         ACX         UltraShort Cons Sves ProShs ARCX           (0.34)         4.79         8.62         4.3         SVF         UltraShort Cons Sves ProShs ARCX           (0.44)         6.25         1.281         4.7         ACX         UltraShort Cons Sves ProShs ARCX           (0.14)
0.32         13.43         -5.82         4.50         67.19         37         RWX         SPDR DJ Witshire Inti Real Est ARCX           (0.38)         (12.29)         0.85         (9.07)         -46.18         88         RXD         UltraShort Hith Care ProShrs ARCX           (0.29)         4.57         -3.59         0.93         21.16         40         SDP         UltraShort Ultities ProShrs ARCX           (0.31)         2.66         1.44         3.49         12.81         41         5DP         UltraShort Ultities ProShrs ARCX           (0.32)         4.82         -0.26         4.99         26.86         42         5KF         UltraShort Finil ProShrs ARCX           (0.34)         4.78         1.70         7.99         8.62         3SK         UltraShort Semic ProShrs ARCX           (0.48)         1.36         4.39         1.686         45         5KF         UltraShort Semic ProShrs ARCX           (0.48)         1.36         4.29         1.48         36.31         46         5KF         UltraShort Semic ProShrs ARCX           (0.81)         4.44         -0.94         3.63         1.44         47         4.78         4.88         5KF           (0.82)         1.36         1.14         <
(0.38)         (12.29)         (0.85)         (9.07)         44.18         38         RXD         UltraShort Hith Care ProShrs ARCX           (2.13)         3.83         -5.97         (3.14)         1.109         39         20.16         40         SDP         UltraShort Lillifies ProShrs ARCX           (0.32)         4.82         -0.26         4.99         26.86         4.2         38.7         UltraShort Enil ProShrs ARCX           (0.34)         4.78         1.70         7.99         8.62         3.8         UltraShort Enil ProShrs ARCX           (0.36)         4.44         -0.94         3.36         20.70         44         SMH         VanEck Vetrs Semiconductor ETF         ARCX           (0.81)         6.46         2.412         9.61         11.14         47         SZK         UltraShort Semiconductor ETF         ARCX           (0.14)         6.23         1.92         11.14         47         SZK         UltraShort Semiconductor ETF         ARCX           (0.18)         4.44         -0.94         3.65         1.84         1.74         3.8         UltraShort Cons Sves Prosenter Extra ETF         ARCX           (0.18)         4.46         -0.94         3.61         1.14         47         SZK
(2.13)         3.83         -5.97         (3.14)         1109         39         SCC         Ultrashort Cons Svez Proshs         ARCX           (0.32)         4.57         -3.59         0.93         21.16         40         SDP         Ultrashort Enil Proshare         ARCX           (0.32)         4.82         -0.26         4.99         26.86         42         SKF         Ultrashort Enil Proshare         ARCX           (0.34)         4.78         1.70         7.99         8.62         43         SLV         Ultrashort Enil Proshare         ARCX           (0.14)         6.23         4.09         3.35         20.70         44         SMH         Vanack Vetra Semiconductor ETF         ARCX           (0.14)         6.23         4.09         3.35         20.70         44         SMH         Vanack Vetra Semiconductor ETF         ARCX           (0.14)         6.23         4.09         1.14         47         5         MKH         Ultrashort Semiconductor ETF         ARCX           (0.14)         6.24         9.61         41.198         48         TAM         Ultrashort Semiconductor ETF         ARCX           (0.02)         1.02         1.14         47         SKP         Ultrashort Real E
0.29         4.57         -3.59         0.93         21.16         40         SDP         UltraShort Utilities ProShrs         ARCX           (0.32)         4.82         -0.26         4.99         26.86         4.2         51J         UltraShort Ind ProShrs         ARCX           (0.32)         4.82         -0.26         4.99         26.86         4.2         35L         UltraShort Fini ProShrs         ARCX           (0.34)         4.78         1.70         7.99         8.62         4.3         SLV         UltraShort Fini ProShrs         ARCX           (0.14)         6.23         0.97         7.84         3.63         4.6         SRS         UltraShort Semiconductor ETF         ARCX           (0.08)         1.36         1.14         4.7         SSC         UltraShort Semiconductor ETF         ARCX           (0.08)         2.19         3.6         1.2         UltraShort Semiconductor ETF         ARCX           (0.08)         2.19         3.6         3.5         UltraShort Semiconductor ETF         ARCX           (0.08)         2.19         4.6         5.8         UltraShort Semiconductor ETF         ARCX           (0.14)         6.2         4.1         4.1         4.1         4
(0.32)         2.56         1.44         3.49         12.81         41         51J         UltraShort Find ProShare         ARCX           (0.32)         4.82         0.26.86         4.29         26.86         4.2         SKF         UltraShort Find ProShare         ARCX           (0.34)         4.78         1.70         7.99         8.62         4.3         51V         Excession of the control o
(0.32)         4.82         -0.26         4.99         26.86         42         SKF         UltraShort Finil ProShare         ARCX           (0.34)         4.78         1.70         7.99         8.62         43         SIV         iShs Silver Trust         ARCX           (0.14)         6.23         4.44         -0.94         3.36         20.70         44         SMH         Vanetk Vetrs Semiconductor ETF         ARCX           (0.14)         6.23         0.97         7.84         36.33         46         SSG         UltraShort Semiconductor ETF         ARCX           (0.19)         6.46         2.412         9.61         11.14         47         SZK         UltraShort Semiconductor ETF         ARCX           (0.19)         6.46         2.412         9.61         11.14         47         SZK         UltraShort Semiconductor ETF         ARCX           (0.19)         6.46         2.412         9.61         11.14         7         SZK         UltraShort Semiconductor ETF         ARCX           (0.19)         6.46         2.412         9.61         11.14         7         SZK         UltraShort Semiconductor ETF         ARCX           (0.19)         9.09         10.00         UNE
0.34         4.78         1.70         7.99         8.62         43         SIV         i5hs Silver Trust         ARCX           0.36         4.44         -0.94         3.36         20.70         44         SMH         VanEck Victrs Semiconductor ETF         ARCX           0.048         1.36         -4.294         (8.92)         1.686         45         SRS         UltraShort Real Estate ProShrs         ARCX           0.014         6.23         0.97         7.84         36.33         46         SSG         UltraShort Cons Gds ProShrs         ARCX           0.019         6.46         2.412         9.61         41.998         48         TAN         Guggenheim Solar Energy         ARCX           0.020         4.47         -0.43         5.66         18.69         51         VPH         Ultra Finl ProShs         ARCX           0.03         4.47         -0.43         5.66         18.69         51         VVH         Ultra Finl ProShs         ARCX           0.03         4.47         -0.43         5.66         18.69         51         VVH         Ultra Short For
(0.36)         4.44         -0.94         3.36         20.70         44         VanEck Vctrs Semiconductor ETF         ARCX           (0.14)         6.23         0.97         7.84         36.33         46         SSG         UltraShort Real Estate ProShs         ARCX           (0.14)         6.23         0.97         7.84         36.33         46         SSG         UltraShort Semic ProShs         ARCX           (0.14)         6.24         1.92         6.15         11.14         47         SZK         UltraShort Semic ProShs         ARCX           (0.12)         6.46         2.412         9.61         41.199         13         ARCX         UltraShort Semic ProShs         ARCX           (0.12)         6.46         2.412         9.61         41.199         14         ARCX         UltraShort Semic ProShs         ARCX           (0.12)         6.46         2.412         9.61         4.199         17.71         SZ         VFH         UltraShort Semic ProShs         ARCX           (0.12)         6.13         6.12         9.09         10         VG         UltraShort Semic ProShs         ARCX           (0.12)         5.16         17.71         5.2         VFH         Vanguard Info ProShs
0.48         1.36         4.294         (8.92)         1.686         45         SRS         UltraShort Real Estate ProShs         ARCX           (0.14)         6.23         0.97         7.84         36.33         46         SSG         UltraShort Semic ProShs         ARCX           (0.19)         6.46         2.412         9.61         11.14         47         SZK         UltraShort Cons Gds ProShs         ARCX           (0.19)         6.46         2.412         9.61         41.998         48         TAN         Guggenheim Solar Energy         ARCX           0.08         2.09         5.60         59.098         50         UNE         UltraShort Semic ProShs         ARCX           0.00         4.47         -0.43         5.60         13.90         UNG         United States Oil Fd Lp         ARCX           0.012         5.16         -0.14         5.60         12.00         UNG         United States Oil Fd Lp         ARCX           0.013         3.67         -0.43         5.60         12.00         VGT         Vanguard Info Tech ETF         ARCX           0.02         2.13         3.23         14.754         57         XMB         ScP Sel Benergy Spdr Fd         ARCX
(0.14)         6.23         0.97         7.84         36.33         46         SSG         UltraShort Semic ProShs         ARCX           (0.19)         6.46         2.412         9.61         11.14         47         SZK         UltraShort Cons Gds ProShs         ARCX           (0.19)         6.46         2.412         9.61         11.19         47         SZK         UND         Ultra Real Estate ProShs         ARCX           0.05         2.29         5.60         59.098         50         UNG         Ultra Real Estate ProShs         ARCX           0.00         4.47         -0.43         5.66         18.69         51         UVG         Ultra Fini ProShs         ARCX           0.013         4.39         1.771         52         VFH         Vanguard Fini ETF         ARCX           0.02         2.43         -0.14         5.60         22.76         53         VGT         Vanguard Real Estate ETF         ARCX           0.03         3.61         1.20         17.71         52         54         VNQ         Vanguard Real Estate ETF         ARCX           0.031         4.12         1.20         17.580         55         XBB         SAB PSB PSB PSB PSB PSB PSB PSB PSB PSB PS
(0.82)         4.85         1.92         6.15         11.14         47         SZK         UltraShort Cons Gds ProShs         ARCX           (0.19)         6.46         2.412         9.61         41.998         48         TAN         Guggenheim Solar Energy         ARCX           0.85         2.69         -2.19         3.55         25.19         49         URE         Ultra Real EstateProShs         ARCX           0.00         4.47         -0.43         5.60         18.69         51         UVG         United States Oil Fall ProShs         ARCX           0.013         4.39         -1.34         1.99         17.71         52         VVH         Vanguard Info Tech ETF         ARCX           0.012         5.16         -0.14         5.60         22.76         S2         VVH         Vanguard Real Estate ETF         ARCX           0.037         3.67         -6.798         (1.20)         17.680         55         VVH         Vanguard Real Estate ETF         ARCX           0.037         3.67         -6.798         (1.20)         17.680         55         VVH         Vanguard Real Estate ETF         ARCX           0.037         3.61         -6.798         (1.20)         17.59
(0.19)         6.46         2.412         9.61         41.998         48         TAN         Guggenheim Solar Energy         ARCX           0.85         2.69         -2.19         3.55         25.19         49         URE         Ultra Real EstateProShs         ARCX           1.26         4.59         -9.989         (5.60)         59.098         50         USO         United States Oil Fd Lp         ARCX           0.00         4.47         -0.43         5.60         18.69         51         17.71         52         VFH         Vanguard Finl FTF         ARCX           0.13         4.39         -1.34         1.99         17.71         52         VFH         Vanguard Finl FTF         ARCX           0.13         4.39         -1.34         1.99         17.71         52         VFH         Vanguard Finl FTF         ARCX           0.13         3.67         -6.79         V.72         VNQ         Vanguard Real Estate ETF         ARCX           0.03         3.61         -6.79         V.72         VNQ         Vanguard Real Estate ETF         ARCX           0.031         4.12         1.20         17.69         55         VVH         Vanguard Real Estate ETF         ARCX
0.85         2.69         -2.19         3.55         25.19         49         UNF         Ultra Real EstatePorbhs         ARCX           1.26         4.59         9.989         (5.60)         55.098         50         USO         United States Oil Fd LP         ARCX           0.00         4.47         -0.43         5.66         18.69         51         UVG         Ultra Fini ProShs         ARCX           0.012         5.16         -0.14         5.60         22.76         33         VGT         Vanguard Fini FT         ARCX           0.021         5.16         -0.14         5.60         22.76         33         VGT         Vanguard Info Tech ETF         ARCX           0.037         3.67         -6.79         1.20         17.680         55         VNQ         Vanguard Real Estate ETF         ARCX           0.037         3.67         -6.79         VNQ         Vanguard Real Estate ETF         ARCX           0.037         4.12         1.20         17.580         55         XHB         S&PDR S&P Biotech         ARCX           0.037         4.27         -2.43         (3.37) -14.754         58         XLB         S&P Sel Fini Spdr Fd         ARCX           0.53         <
1.26         4.59         9.989         (5.60)         59.098         50         U/G         United States Oil Fd IP         ARCX           0.00         4.47         -0.43         5.66         18.69         51         U/G         Ultra Finl ProShs         ARCX           0.13         4.39         -1.34         1.99         17.71         52         VFH         Vanguard Info Tech ETF         ARCX           0.021         5.16         -0.14         5.60         22.76         53         54         VVQ         Vanguard Info Tech ETF         ARCX           0.037         3.67         -6.798         (1.20)         17.680         55         54         VVQ         Vanguard Real Estate ETF         ARCX           0.037         3.67         -6.798         (1.20)         17.680         55         54         VVQ         Vanguard Real Estate ETF         ARCX           0.037         5.14         3.53         56         XHB         SSPDR S&P Homebuilders         ARCX           0.031         4.56         -2.437         (3.37) -14.754         58         XLB         S&P Sel Fine Spdr Fd         ARCX           0.53         5.21         0.62         6.76         8.90         59         XLF </td
0.00         4.47         -0.43         5.66         18.69         51         UVG         Ultra Fini ProShs         ARCX           0.13         4.39         -1.34         1.99         17.71         52         VFH         Vanguard Fini ETF         ARCX           0.042         2.43         -3.42         7.34         5.29         4         VMQ         Vanguard Info Tech ETF         ARCX           0.037         3.67         -6.798         (1.20)         17.680         55         XB         SPDR S&P Biotech         ARCX           0.031         3.67         -6.798         (1.20)         17.680         55         XB         SPDR S&P Biotech         ARCX           0.031         4.56         -2.437         (3.37)         -14.754         57         XIB         S&P Sel Pomebuilders         ARCX           0.81         4.56         -2.437         (3.37)         -14.754         57         XIB         S&P Sel Pomebuilders         ARCX           0.51         4.56         -2.437         (3.37)         -14.754         58         XIB         S&P Sel Fenergy Spdr Fd         ARCX           0.52         5.76         6.76         8.90         58         XIL         S&P Sel Tech Spdr Fd
0.13         4.39         1.7.1         52         VFH         Vanguard Finl ETF         ARCX           (0.12)         5.16         0.14         5.60         22.76         53         VGT         Vanguard Finl ETF         ARCX           0.84         2.43         3.42         (7.34)         5.29         54         VNQ         Vanguard Real Estate ETF         ARCX           (0.37)         3.67         -6.798         (1.20)         17.680         55         XBI         SPDR S&P Biotech         ARCX           (0.37)         4.56         -2.437         (3.37)-14.754         57         XIB         S&P Sel Prose Biotech         ARCX           0.81         4.56         -2.437         (3.37)-14.754         57         XIB         S&P Sel Prose Biotech         ARCX           0.81         4.56         -2.437         (3.37)-14.754         58         XIB         S&P Sel Finl Spdr Fd         ARCX           0.53         5.27         0.62         6.76         8.90         59         XIF         S&P Sel Finl Spdr Fd         ARCX           0.53         5.81         -1.14         11.03         61         XII         S&P Sel Industrial Spdr Fd         ARCX           0.54         1.14
(0.12)         5.16         -0.14         5.60         22.76         53         VGT         Vanguard Info Tech ETF         ARCX           (0.37)         3.67         -6.798         (1.20)         17.680         55         54         VNQ         Vanguard Real Estate ETF         ARCX           (0.37)         3.67         -6.798         (1.20)         17.680         55         XB         SPDR S&P Biotech         ARCX           (0.32)         6.12         -0.62         5.51         35.36         56         XHB         SPDR S&P Biotech         ARCX           (0.81)         4.56         -2.437         (3.37) -14.754         58         XLB         S&P Sel Penergy Spdr Fd         ARCX           (0.81)         4.56         -2.437         (3.37) -14.754         58         XLB         S&P Sel Fini Spdr Fd         ARCX           (0.53)         5.27         0.62         6.76         8.90         59         XLF         S&P Sel Fini Spdr Fd         ARCX           (0.77)         5.81         -1.14         11.03         61         XLB         S&P Sel Fini Spdr Fd         ARCX           (0.55)         3.85         -0.54         1.14         11.03         61         XLB         S&P Sel Consum S
0.84         2.43         -3.42         (7.34)         5.29         5.4         VNQ         Vanguard Real Estate ETF         ARCX           (0.37)         3.67         -6.798         (1.20)         17.680         55         35.36         56         XHB         SPDR S&P Biotech         ARCX           (0.32)         6.12         -0.62         5.51         35.36         56         XHB         S&P Sel Biotech         ARCX           0.81         4.56         -2.437         (3.37) -14.754         58         XLF         S&P Sel Biotech         ARCX           0.81         4.56         -2.437         (3.37) -14.754         58         XLF         S&P Sel Fini Spdr Fd         ARCX           0.53         5.27         0.62         6.76         8.90         59         XLF         S&P Sel Fini Spdr Fd         ARCX           0.77         5.81         -1.75         2.87         29.10         60         XLI         S&P Sel Fini Spdr Fd         ARCX           0.63         5.08         1.14         11.03         61         XLI         S&P Sel Consum Staples Spdr Fd         ARCX           0.64         4.27         -1.99         1.77         19.98         82         XLI         S&P Sel He
(0.37)         3.67         -6.798         (1.20)         17.680         55         XHB         SPDR S&P Biotech         ARCX           (0.32)         6.12         -0.62         5.51         33.36         56         XHB         SPDR S&P Homebuilders         ARCX           0.81         4.56         -2.437         (3.37) -14.754         57         XLB         S&P Sel Fini Spdr Fd         ARCX           0.63         5.27         0.62         6.76         8.90         59         XLF         S&P Sel Fini Spdr Fd         ARCX           0.77         5.81         -1.75         2.87         29.10         60         XLI         S&P Sel Fini Spdr Fd         ARCX           0.55         3.85         -0.54         1.14         11.03         61         XLI         S&P Sel Fini Spdr Fd         ARCX           0.63         5.08         1.14         7.22         5.90         62         XLI         S&P Sel Fini Spdr Fd         ARCX           0.40         4.27         -1.99         1.17         19.98         63         XLI         S&P Sel Gonsum Staplies Spdr Fd         ARCX           0.44         8.13         -3.72         1.189         64         XLI         S&P Sel Health Care Spdr Fd
(0.32)         6.12         -0.62         5.51         35.36         SKHB         SPDR S&P Homebuilders         ARCX           0.81         4.56         -2.437         (3.37) -14.754         57         XLB         S&P Sel Fnergy Spdr Fd         ARCX           0.81         4.56         -2.437         (3.37) -14.754         57         XLE         S&P Sel Fnergy Spdr Fd         ARCX           0.53         5.27         0.62         6.76         8.90         59         XLF         S&P Sel Fnergy Spdr Fd         ARCX           0.77         5.81         -1.75         2.87         29.10         60         XLI         S&P Sel Industrial Spdr Fd         ARCX           0.55         3.85         -0.54         1.14         11.03         61         XLI         S&P Sel Tech Spdr Fd         ARCX           0.63         5.08         1.14         7.22         5.90         62         XLP         S&P Sel Consum Staples Spdr Fd         ARCX           0.40         4.27         -1.99         1.77         19.98         63         XLV         S&P Sel Health Care Spdr Fd         ARCX           0.74         2.17         1.289         64         XLV         S&P Sel Health Care Spdr Fd         ARCX
0.81         4.56         -2.437         (3.37) -14.754         57         XLB         S&P Sel Materials Spdr Fd         ARCX           0.81         4.56         -2.437         (3.37) -14.754         58         XLE         S&P Sel Energy Spdr Fd         ARCX           0.53         5.27         0.62         6.76         8.90         59         XLF         S&P Sel Final Spdr Fd         ARCX           0.77         5.81         -1.75         2.87         29.10         60         XLI         S&P Sel Industrial Spdr Fd         ARCX           0.55         3.85         -0.54         1.14         11.03         61         XLI         S&P Sel Tech Spdr Fd         ARCX           0.40         4.27         -1.99         1.77         19.98         63         XLU         S&P Sel Utilities Spdr Fd         ARCX           0.74         2.27         -1.502         (6.41)         -2.189         64         XLY         S&P Sel Health Care Spdr Fd         ARCX           0.44         8.13         -3.72         (1.73)         37.83         65         XLY         S&P Sel Health Care Spdr Fd         ARCX           0.44         8.13         -3.72         1.73         20.13         20.13         20.13
0.81         4.56         -2.437         (3.37)         1.4.754         58         XLE         S&P Sel Finergy Spdr Fd         ARCX           0.53         5.27         0.62         6.76         8.90         59         XLF         S&P Sel Fini Spdr Fd         ARCX           0.77         5.81         -1.75         2.87         29.10         60         XLI         S&P Sel Industrial Spdr Fd         ARCX           0.55         3.85         -0.54         1.14         11.03         61         XLI         S&P Sel Industrial Spdr Fd         ARCX           0.63         5.08         1.14         7.22         5.90         62         XLI         S&P Sel Consum Staples Spdr Fd         ARCX           0.40         4.27         -1.99         1.77         19.98         63         XLI         S&P Sel Utilities Spdr Fd         ARCX           0.74         2.27         -15.02         (6.41)         -21.89         64         XLY         S&P Sel Health Care Spdr Fd         ARCX           0.44         8.13         -3.72         1.73         37.83         65         XLY         S&P Sel Consum Discretion YSp         ARCX
0.53         5.27         0.62         6.76         8.90         59         XLF         S&P Sel Finl Spdr Fd         ARCX           0.77         5.81         -1.75         2.87         29.10         60         XLI         S&P Sel Industrial Spdr Fd         ARCX           0.55         3.85         -0.54         1.14         11.03         61         XLI         S&P Sel Tech Spdr Fd         ARCX           0.63         5.08         1.14         7.22         5.90         62         XLI         S&P Sel Consum Staples Spdr Fd         ARCX           0.40         4.27         -1.99         1.77         19.98         63         XLI         S&P Sel Utilities Spdr Fd         ARCX           0.74         2.27         -15.02         (6.41)         -2189         64         XLI         S&P Sel Health Care Spdr Fd         ARCX           0.44         8.13         -3.72         (1.93)         37.83         65         XLI         S&P Sel Consum Discretion YSp         ARCX         1
0.77         5.81         -1.75         2.87         29.10         80         XLI         S&P Sel Industrial Spdr Fd         ARCX           0.55         3.85         -0.54         1.14         11.03         61         XLI         S&P Sel Tech Spdr Fd         ARCX           0.63         5.08         1.14         7.22         5.90         62         XLI         S&P Sel Consum Staples Spdr Fd         ARCX           0.40         4.27         -1.99         1.77         19.98         63         XLI         S&P Sel Utilities Spdr Fd         ARCX           0.74         2.27         -15.02         (6.41)         -2.189         64         XLI         S&P Sel Health Care Spdr Fd         ARCX           0.44         8.13         -3.72         (1.93)         37.83         65         XII         S&P Sel Consum Discretion Y Sp ARCX         1
0.55         3.85         -0.54         1.14         1.103         61         XLK         S&P Sel Tech Spdr Fd         ARCX           0.63         5.08         1.14         7.22         5.90         62         XLP         S&P Sel Consum Staples Spdr Fd         ARCX           0.40         4.27         -1.99         1.77         19.98         63         XLU         S&P Sel Utilities Spdr Fd         ARCX           0.74         2.27         -15.02         (6.41)         -2.189         64         XLV         S&P Sel Health Care Spdr Fd         ARCX           0.44         8.13         -3.72         (1.93)         37.83         65         XLY         S&P Sel Consum Discretion Y Sp         ARCX
0.63         5.08         1.14         7.22         5.90         6:2         XLD         S&P Sel Consum Staples Spdr Fu         ARCX           0.40         4.27         -1.99         1.77         19.98         6:3         XLD         S&P Sel Utilities Spdr Fd         ARCX           0.74         2.27         -15.02         (6.41)         -2.189         6:4         XLV         S&P Sel Health Care Spdr Fd         ARCX           0.44         8.13         -3.72         (1.93)         37.83         6:5         XLY         S&P Sel Consum Discretion YSp         ARCX
0.40         4.27         -1.99         1.77         19.98         63         XLU         S&P Sel Utilities Spdr Fd         ARCX           0.74         2.27         -15.02         (6.41)         -21.89         64         XLV         S&P Sel Health Care Spdr Fd         ARCX           0.44         8.13         -3.72         (1.93)         37.83         65         XLY         S&P Sel Consum Discretion y Sp         ARCX
0.74 2.27 -15.02 (6.41) -21.89 64 XIV S&P Sel Health Care Spdr Fd ARCX 0.44 8.13 -3.72 (1.93) 37.83 65 XIV S&P Sel Consum Discretion y Sp ARCX 0.44 8.13 -3.72 (1.93) 37.83 65 XIV S&P Sel Consum Discretion y Sp ARCX 0.44 8.13 -3.72 (1.93) 37.83 65 XIV S&P Sel Consum Discretion y Spdr ARCX 0.44 8.13 -3.72 (1.93) 37.83 65 XIV S&P Sel Consum Discretion y Spdr ARCX 0.44 8.13 -3.72 (1.93) 37.83 65 XIV S&P Sel Consum Discretion y Spdr ARCX 0.44 8.13 -3.72 (1.93) 37.83 65 XIV S&P Sel Consum Discretion y Spdr ARCX 0.44 8.13 -3.72 (1.93) 37.83 65 XIV S&P Sel Consum Discretion y Spdr ARCX 0.44 8.13 -3.72 (1.93) 37.83 65 XIV S&P Sel Consum Discretion y Spdr ARCX 0.44 8.13 -3.72 (1.93) 37.83 65 XIV S&P Sel Consum Discretion y Spdr ARCX 0.44 8.13 -3.72 (1.93) 37.83 65 XIV S&P Sel Consum Discretion y Spdr ARCX 0.44 8.13 -3.72 (1.93) 37.83 65 XIV S&P Sel Consum Discretion y Spdr ARCX 0.44 8.13 -3.72 (1.93) 37.83 65 XIV S&P Sel Consum Discretion y Spdr ARCX 0.44 8.13 8.14 8.14 8.14 8.14 8.14 8.14 8.14 8.14
0.44 8.13 -3.72 (1.93) 37.83 65 XLY S&P Sel Consum Discretionly Sp ARCX
VOUN 11-1-0 022 0002 TOV 22 01-00 CFT 02.0 LF3 01-0
0.00 0.10 5.74 2.69 7.72 29.13 66 XRI SPDK S&P Ketail ARCX 46.21
0.61 1.01 5.58 3.98 2.16 12.95 67
0.01 0.07 (11.82) -1.23 (12.09) 49.10

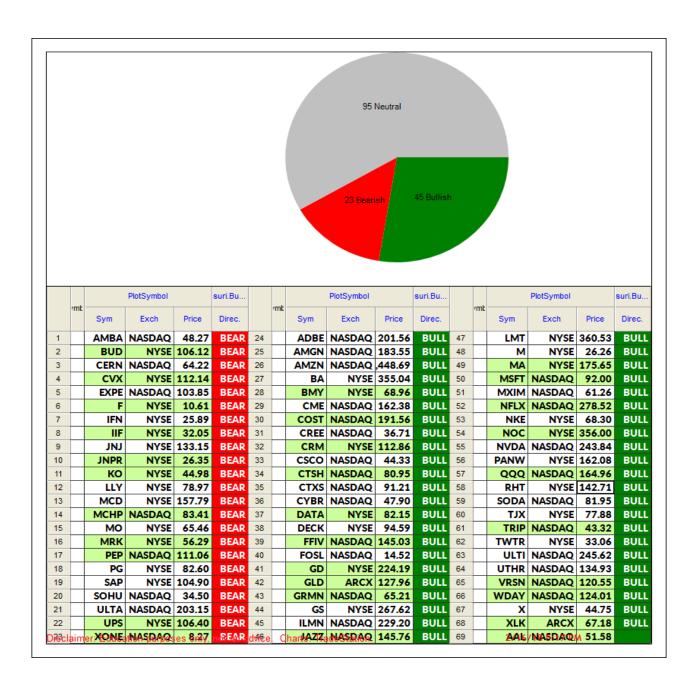
# Relative Strength Ranks (200)

YTD 1M 3M 1YR	25 12	57 97	20 24	12 45	15 56	3 11	100	50 33	9 8	31 21	13 51	29 18	32 21	23 9	14 18	5 37	18 63	4 2	17 20	8	50 22	62 9	33 32		26		17 25	12 4	6 15	7 13	4 K	5 1	8 15	1 16	2 3	1	-									
1M 3M	59	ш	19	31	28	9	SZ	=	77	] ]	80	22	2	12	15	17	7	2	2 %		4 4	40	×	· ·	n u	, E	<u>س</u>	4	8	9 8	β ^	7	13	-	_	-	-									
P	20	2	19	19	18		-	17	16	16	15	25	14	14	13	12	7		3		9 00	6	00	<b>∞</b> 1	,	, 9	9	100	2	4	7 (*)	m	7	2	+		+									
Price	55.39	65.85	78.97	104.90	248.89	8.27	122.88	52.85	57.00	68.12	83.41	65.46	26.35	34.74	82.60	403.30	157.79	10.63	76.54	154 05	67.32	134.93	307.44	203.15	291.87	332.15	106.40	38.11	103.85	10.61	41.77	15.05	48.27	34.50	5.49	2.61	1									
		╙				$\perp$										$\rightarrow$	_	$\perp$	$\perp$		_	-		_		_	_						Ш				-									
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Sym	CBS	FSLR	ПУ	SAP	AVGO	XONE	ALNY	DAL	WAGE	XLE	MCHP	MO	JNPR	RDY	PG	EQIX	MCD	FAZ	MOX	OIFD	1500	UTHR	NTES	ULTA	2	REGN	OPS	APA	EXPE	<u> </u>	CRUS	쁑	AMBA	оноѕ	GPRO	SHLD										
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Price	105.59	118.50	46.21	154.03	56.29	172.43	75.23	104.31	164.28	63.90	26.26	156.29	103.28	36.26	64.85	25.89	104.47	44.98	26.37	41 00	58.94	56.48	101.60	96.79	124.55	131.01	22.60	45.56	120.47	402.30	63.08	42.94	41.73	36.71	66.52	32.05	133.15	78.25	106.53	27.55	244.19	61.85	70.07	106.12	111.06	64.22
Exch	NYSE	NASDAQ	ARCX	NYSE	NYSE	NASDAQ	NASDAO	NYSE	NASDAQ	NYSE	NYSE	NYSE	NASDAQ	NYSE	NASDAQ	NYSE	NASDAQ	NYSE	NACDAO	NVSF	NYSE	NASDAQ	NYSE	NYSE	NACDAO	NASDAO	NYSE	NASDAQ	NASDAQ	NYSE	NASDAQ	ARCX	NYSE	NASDAQ	NYSE	NYSE	NVS.	NYSE	NYSE	NASDAQ	NYSE	NASDAQ	NACDAO	NYSE	NASDAQ	NASDAQ
Sym	교	NXPI	XRT	HON	MRK		ESRX	PM	WYNN	KORS	Σ	GAT	CHKP	PFE	OCOM N		$\rightarrow$	2	JBL		_	SBUX	TARO	AXP	MWA B				ALXN N		N SISO		YELP		NAL	<b>≝</b>		YUM	SIG	$\Box$			7 8			CERN
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1	73		72	72	71		2	20	69	69		88	19	19	99				8 2				61		8 8		_	_	28		25		25	25		Z 5			25				8			
Price	114.68		145.76	114.95	1,885.00	43.48	122.45	104.11	55.14	74.04	112.95	71.46	267.62	51.50	65.48	335.49	137.55	84.91	305.63	28 98	55.03	67.18	183.55	49.37	76.82	91.21		7	120.79	71.73	127.96	85.41	138.82	81.40	66.89	87.16	0CT4T	251.96	273.11	77.88	77.29	107.52	ZT.03	156.18	244.72	44.21
Exch	NYSE	NYSE	NASDAQ	NASDAQ	NASDAQ	NYSE	NASDAQ	NASDAQ	NYSE	NASDAQ	NASDAQ	ARCX	NYSE	NYSE	NASDAQ	NASDAQ	NASDAO	NASDAO	NACDAO	ABCX	NASDAQ	ARCX	NASDAQ	ARCX	NYSE	NASDAO	NYSE	NASDAQ	NYSE	NYSE	ARCX	ARCX	NASDAQ	NASDAQ	NASDAQ	NASDAQ	NASDAO	ARCX	ARCX	NYSE	ARCX	NASDAQ	NASDAO	NYSE	NASDAQ	NASDAQ
E	M	Ā	JAZZ	SINA	PCLN			SWKS	MS	UBNT	_	FAS	SS	NW	MNST	- 1		$\rightarrow$	2 G			_	AMGN	<u> </u>	٥ ا		$\perp$		MON	삘	Z C	XLV	ATHN		$\rightarrow$		d d	M	λdS	X(T		_	213	M		ME
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Price YT	14.52	75.03	278.52	33.06	243.84	43.32	118.60	1,448.69	51.42	124.01	355.04	44.75	142.71	81.95	82.15	94.59	61.26	356.00	182.48	47.90	369.87	44.33	80.95	201.56	360.53	68.96	162.38	16.34	10.15	75.70	3.88	415.98	120.55	145.03	65.21	162.08	56.20	80.70	75.02	50.71	112.86	17.59	CK-TC			
Exch	NASDAQ		NASDAQ	NYSE	NASDAQ 2		_	NASDAQ 1,4	NASDAQ	NASDAQ 1	_	NYSE	NYSE 1	NASDAQ	NYSE			-	NASDAQ		""	NASDAQ	NASDAQ	$\rightarrow$	NASDAO	_		_	NYSE		NYSF N		NASDAQ 1		_	NYSE 1		NASDAQ	NYSE	ш	**		NASUS	NASDAQ	NASDAQ	NYSE
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# **RS Ranks Sorted (Alpha)**

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Price		77.88	43.32	67.32	335.49	43.48	33.06	104.47	66.52	74.04	203.15	245.62	106.40	35.38	134.93	121.85	124.55	120.55	50.15	20.00	424.04	84.91	172.70	104.78	164.28	44.75	42.94	68.12	4	67.18		85.41	76.54			41.73	3	1										2 /42 /40 E.42 DM
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Price			369.87		65.48	65.46	120.79	56.29	55.14	92.00	137.55	44.21	61.26	278.52	68.30	356.00	56.51		_	H	154 05				1,885.00	111.06			104.31			332.15	142.71			25.48	2.61	4		81.95	34.50	92.64			51.42			
Exch	NASE	NASDAO	NASDAO	NASDAQ	NASDAQ	NYSE	NYSE	NYSE	NYSE	NASDAQ	NASDAQ	NASDAQ	NASDAQ	NASDAQ	NYSE	NYSE	NASDAQ	NASDAQ	NASDAO	NASDAQ	MASDAD	NYSE	NASDAO	NYSE	NASDAQ	NASDAQ	NYSE	NYSE	NYSE	NASDAO	NYSE	NASDAQ	NYSE	NYSE	NYSE	NASDAQ	NASDAO	NYSE	NASDAQ	NASDAQ	NASDAQ	NASDAQ	ARCX	NASDAQ	NASDAO	NASDAO	NYSE	
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Price	10	71.46	10.63	177.36	18.73	244.19	16.34	145.03	14.52	65.85	49.37	224.19	15.05	80.70	127.96	41.09	1,094.80	5.49	65.21	797.97	151.01	110.36	156.18	71.73	182.48	25.89	32.05	229.20	77.00	17.59	45.56	58.94	415.98	145.76	26.37	3.88	26.35	114.68	51.50	107.52	44.98	63.90	78.97	360.53	122.45	75.02	96.96	2
	×	ARCX	ARCX		NYSE	NYSE 2		_	)AQ	)AQ	ARCX	NYSE	NYSE	)AQ	ARCX 1	NYSE		)AQ	_		_					NYSE			NYSE	NYSE	OAQ	NYSE	Ш		NYSE	NYSE NYSE					NYSE	NYSE		_		NYSF	NYSE	
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Svm	EARO	FAS	FAZ	8	Σ̈́	FDX	FEYE	FFIV	FOSE	FSLR	Ξ	G	GE	CILD	GLD	GM	GOOG	GPRO	GRMN	5	E NOR	188	IBM	S	IDXX	FN	≝	LMN	MAX	INFY	INTC	Ы	ISRG	JAZZ	펄	9	INPR	JPM	JWN	KLAC	KO	KORS	LLY	LMT	MSO1	IVS	2	
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	43 44		25	95 68	89	88	47 31	03 62	27	55 61	29	69	11	82 55	89	79 34	92		72 48	/g 2	43 6	82 68			39 20	26 10		28 41		2 2		71 28	86	77		49 A9	2 12		90	85	15 93	15 84		96	30 25			3
Price			_		66.89	122.88	120.47	55.03	48.27	183.55	56.29	1,448.69	E 38.11	138.82	248.89	E 96.79	E 355.04		_		6 406 42		_		E 55.39	95.26		_		191.56	_	36.71	E 112.86			46.64		Ψ.	2 47.90	E 52.85	E 82.15	E 10.15			E 106.53			
Exch	NASDAO	NYSE	NASDAO	NASDAQ	NASDAQ	NASDAQ	NASDAQ	NASDAQ	NASDAQ	NASDAQ	NASDAQ	NASDAQ	NYSE	NASDAQ	NASDAQ	NYSE	NYSE	NYSE	NASDAO	NASDAQ	NYSE	NYSE	NYSE	NASDAQ	NYSE	NASDAQ	NASDAQ	NASDAQ	NASDAQ	NASDAO	NASDAQ	CREE NASDAQ	NYSE	NASDAQ	CSCO NASDAQ	NASDAO	NASDAO	NYSE	NASDAQ	NYSE	NYSE	NYSE	NYSE	ARCX	NASDAO	NASDAO	NASDAO	The state of the s
Svm					AKAM N	ALNY N	ALXN N	AMAT N	AMBA	AMGN N	AMTD	AMZN N	APA	ATHN	AVGO N	AXP	BA				T MG	20	R	_	CBS					COST		REE N		CRUS	000	CTRP N			CYBR	DAL	DATA	DDD	DECK	DIA	FOIX			
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### **Bullish/Bearish List**



# Week Highs and Lows

52WKL0	62.87	44.71	32.30	54.17	231.61	18.04	30.60	91.92	24.94	93.01	48.56	66.44	29.50	49.87	242.01	14.12	75.66	56.51	187.96	181.59	102.12	112.01	86.98	85.45	81.76	42.80	80.61	71.38	69.89	92.67	18.55	35.15	61.80	22.89	63.55	51.87	47.37	73.16	6.72	37.72
52WKHi 52V	122.93 6		70.86	97.27 5	286.63 23	30.88	56.45	117.65	34.20 2	128.46 9	78.70 4	81.46 6	50.95	82.68	389.61 24	35.00 1		83.04 5		$\overline{}$	$\overline{}$	-			118.28 8	54.77 4		72.26	109.98 6	203.63 9	41.83	47.20 3	78.39 6	30.33	96.08	69.19 5	57.23 4	91.79 7	14.43	49.09
Price 52W	0		34.50 70	92.64 97	273.09 286	21.02	51.41 56	104.12 117	27.54 34	101.61 128	75.71	77.89 81	43.33 50	67.32 82	335.49 389	33.05 35	NASDAQ 104.48 120.75	66.52 83	NASDAQ 203.16 314.86	NASDAQ 245.63 247.16	NYSE 106.40 135.53	NASDAQ 135.00 169.89	NYSE 121.87 126.88	NYSE 124.54 165.00	120.56 118	50.18 54	NASDAQ 124.03 125.00	84.89	104.74 109	1.26 203	44.77 41	42.94 47	68.10 78	28.99 30	77.30 80	67.17 69	50.12 57	85.39 91	8.27 14	46.22 49
H		•			ARCX 273			AQ 104		NYSE 101	NYSE 75	NYSE 77				NYSE 33	AQ 104	NYSE 66	AQ 203	AQ 245	YSE 106	AQ 135	YSE 121	YSE 124	AQ 120	NYSE 50	AQ 124		NYSE 104	NASDAQ 164.26	NYSE 44	ARCX 42	ARCX 68	ARCX 28	ARCX 77	ARCX 67	ARCX 50	ARCX 85		ARCX 46
Exch	NASDAO		NASDAQ	NASDAQ		NASDAQ	NASDAQ	NASDAQ	NASDAQ				NASDAQ	NASDAQ	NASDAQ										NASDAQ			NASDAQ			Ź								NASDAQ	
Sym	SINA	SODA	SOHU	SPLK	SPY	SSYS	STX	SWKS	SYMC	TARO	TGT	XLT	TRIP	TSCO	TSLA	TWTR	IXN	NAL	ULTA	ULTI	UPS	UTHR	>	VMV	VRSN	ΛZ	WDAY	WDC	WMT	WYNN	~	XHB	XLE	XLF	XLI	XLK	XITO	XILV	XONE	XRT
9	32.38	73.69	263.18	90.35	47.26 1	51.35 1	17.41	108.98	126.40	71.06	190.07	41.02	60.01	108.51	53.36 1	40.06	63.62 1	122.90	22.64 1	43.35 1	138.26 1	50.35 1	233.20 1	37.43 1	253.20 1	95.17 1	66.65	41.50 1	107.31	.41	.19 1	31.67 1	78.59 1	48.92	129.04	29.83 1	80.93	90.99	92.19 1	50.84
Hi 52WKLo											$\vdash$			l																991,612	51 106.19									
52WKHi	90 69.95	_	55 361.79	45 134.80	40 83.31	06 79.84	26 33.73	73 177.11	81 178.70	40 99.17	87 395.67	49 70.21	47 77.79	79 123.15	27 66.80	15 58.05	93 96.07	46 197.22	21 49.89	27 74.94	52 286.81	30 68.83	07 357.00	51 64.06	55 377.	84 249.	00 209.	73 53.14	08 161.	27,067.	06 122.	27 39.43	58 94.67	86 69.28	165.03 170.95	75 44.23	71 140.	105.57 119.33	104.92 116.90	46 64.87
Price			SE 360.55	NQ 122.45	1Q 81.40	SE 75.06	SE 26.26	SE 175.73	SE 157.81	1Q 83.40	1Q 369.87	AQ 65.49	SE 65.47	SE 120.79	SE 56.27	SE 55.15	4Q 91.93	137.46	10 44.21	AQ 61.27	1Q 278.52	SE 68.30	SE 356.07	\Q 56.51	NASDAQ 307.55 377.64	NASDAQ 243.84 249.27	NASDAQ 155.00 209.00	SE 50.73	NYSE 162.08 161.49	NASDAQ ,884.27 ,067.99 1,612.41	NASDAQ 111.06 122.51	SE 36.27	SE 82.58	1Q 64.86		SE 34.75	NYSE 142.71 140.38	SE 105.	SE 104.	1Q 56.46
Exch	NYSE	NYSE	NYSE	NASDAQ	NASDAQ	NYSE	NYSE	NYSE	NYSE	NASDAQ	NASDAQ	NASDAQ	NYSE	NYSE	NYSE	NYSE	NASDAQ	NASDAQ	NASDAQ	NASDAQ	NASDAQ	NYSE	NYSE	NASDAQ	NASDA	NASDA	NASDA	NYSE	Ž	NASDA	NASDA	NYSE	NYSE	NASDAQ	NASDAQ	NYSE	N	NYSE	NYSE	NASDAQ
Sym	KORS	ΙΙ	LMT	LOGM	LULU	LVS	Σ	MA	MCD	MCHP	MELI	MNST	МО	MON	MRK	MS	MSFT	MSTR	MU	MXIM	NFLX	NKE	NOC	NTAP	NTES	NVDA	OLED	ORCL	PANW	PCLN	PEP	PFE	PG	QCOM	999	RDY	RHT	RL	SAP	SBUX
ιά •	77 83		96.20 85	55.80 86	98.52 87	10.19 88	41.08 89	9.71 90	90 91	11.05 92	89 93	53 94	5.50 95	25.56 96	37.22 97	72 98	14.23 99	63.76 1	02 1	31.92 1	37 1	5.04 1	48.50 1	52 1	92.65 1	94.20 1	13 1	56.97 1	22.88 111	28.78 1	02 1	17.58 1	13.88 1	33.23 1	40 1	58 1	50	23.87 1	54 1	87.41
52WKL0	51.77	7							2 132.90 91		5 182.89 83	114.63 94				183.72 98			114.02		9 803.37			9 209.62			5 139.13 1				7 158.02				3 132.40	128.58 1	2 118.05		5 81.64	
- 52WKHi	9 98.62	-	2 116.10	2 83.49	6 161.00	2 13.35	8 82.80	3 20.94	7 195.32	3 20.25	9 274.66	2 149.50	1 21.03	5 76.61	7 54.00	1 229.54	6 30.59	8 89.54	5 129.51	8 46.76	7,186.89	9 11.89	9 65.04	2 273.79	0 143.37	110.35 119.30	156.17 182.55	4 76.14	1 28.81	5 36.80	0 248.97	5 34.60	18.71	4 50.85	160.63	7 163.75	5 148.32	96'08 9	117.35	3 121.6
Price		-	E 106.42	75.22	103.86	10.62	71.48	( 10.63	177.37	E 18.73	244.19	145.02	14.51	65.85	49.37	224.21	15.06	89.08	(127.95	£ 41.08	₹,095.07	5.49	65.19	267.62	131.00	110.3	156.1	71.74	25.91	32.05	229.10	E 22.65	17.58	45.54	(153.31	145.77	133.15	26.36	E 114.71	107.5
Exch	NYSE	ARCX	NYSE	NASDAQ	NASDAQ	NYSE	ARCX	ARCX	NASDAQ	NYSE	NYSE	NASDAQ	NASDAQ	NASDAQ	ARCX	NYSE	NYSE	NASDAQ	ARCX	NYSE	NASDAQ	NASDAQ	NASDAQ	NYSE	NASDAQ	NASDAQ	NYSE	NYSE	NYSE	NYSE	NASDAQ	NYSE	NYSE	NASDAQ	ARCX	NASDAQ	NYSE	NYSE	NYSE	NASDAQ 107.53 121.65
Sym	DECK	ΔI	DIS	ESRX	EXPE	4	FAS	FAZ	æ	FCX	FDX	FFIV	FOSL	FSLR	FX	СD	GE	CILD	GLD	GM	9009	GPRO	GRMN	S	GWPH	188	IBM	<u>밍</u>	R	≝	ILMN	IMAX	INFY	INTC	IWM	JAZZ	Ωſ	JNPR	JPM	KLAC
·/	21 42	10 43	83 44	81.75 45	44.65 46	00 47	96.18 48	34.72 49	40.06 50	9.70 51	<b>16</b> 52	36.12 53	20 54	61 55	75.51 56	40 57	22.07 58	166.00 59	244.28 60	51.56 61	101.21 62	<b>56.55</b> 63	34 64	50.63 65	88.32 66	54.01 67	95.03 68	111.32 69	247.51 70	150.00 71	20.50 72	80.25 73	30.36 74	42.65 75	57.00 76	73.33 77	102.55 78	39.34 79	43.81 80	47.30 81
i 52WKLo	8 39.21	-	5 117.83			3 45.00					3 152.16		0 833.50 54	8 202.61		5 170.40 57							4 90.34																	
- 52WKHi	9 59.08	5 180.1	5 204.4	8 131.1	9 69.56	9 147.6	8 149.3	2 60.89	7 66.23	3 15.65	6 201.2	9 58.83	9,498.0	9 285.6	96.81 102.39	354.94 361.45	8 32.67	2 274.9	291.87 370.57	5 69.44	106.12 126.50	3 80.70	156.31 173.24	0 70.10	95.26 147.17	2 73.86	9 119.2	6 165.2	NYSE 305.65 499.00	6 199.8	3 40.24	112.84 114.52	4 45.13	4 60.65	6 81.37	1 95.00	2 133.88	9 55.63		6 87.00
Price		172.4	201.5	112.9	68.99	122.8	120.4	55.02	48.27	5 11.83	183.5	56.29	7,448.5	248.7		354.9	31.98	244.7	291.8	E 68.95	106.1	E 76.83		E 55.40		2 64.22	103.2	162.3	305.6	191.5	36.73	112.8	44.34	46.64	96.08	91.21	E 112.12	47.89	E 52.84	E 82.16
Exch	NASDAO	NASDAQ 172.45 180.10	NASDAQ 201.56 204.45	NASDAQ 112.98 131.10	NASDAQ	NASDAQ 122.89 147.63	NASDAQ 120.48 149.34	NASDAQ	NASDAQ	NASDS	NASDAQ 183.56 201.23	NASDAQ	NASDAQ ,448.59 ,498.00	NASDAQ 248.79 285.68	NYSE	NYSE	NYSE	NASDAQ 244.72 274.97	NASDAQ	NYSE	NYSE	NYSE	NYSE	NYSE	NASDAQ	NASDAQ	NASDAQ 103.29 119.20	NASDAQ 162.36 165.21	NYSE	NASDAQ 191.56 199.88	NASDAQ	NYSE	NASDAQ	NASDAQ	NASDAQ	NASDAQ	NYSE	NASDAQ	NYSE	NYSE
Sym	AAL	AAPL	ADBE	ADSK	AKAM	ALNY	ALXN	AMAT	AMBA	AMD	AMGN	AMTD	AMZN	AVGO	AXP	BA	BAC	BIDU	BIIB	BMY	BUD	U	CAT	CBS	CELG	CERN	CHKP	CME	CMG	COST	CREE	CRM	CSCO	CTRP	CTSH	CTXS	CVX	CYBR	DAL	DATA
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# **D%**, **W%**, **M%**, **YTD%**

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		-0.50				4	GILD	NASDAQ		•	17	(1.3)	4	0.04	PFE		36.26	1.52	6.1	(2.5)	0.1 11.5
AKAM NASDAQ	66.89	-0.76	4.3	2.3	2.8 -2.4	9	GLD	ARCX	( 127.96	96 -0.33	3 2.6	3		12.81 1	8	NYSE	82.60	0.23	3.4	(9.4)	10.1)
		0.93	6.0 (1.9)	-	.3) 239.3	12	B			09 -1.85	(6.0)	(6.7)	0.2	17.65 1	OCOM		64.85	-0.66	1.3	(4.7)	1.3
ALXN NASDAQ	120.47	-1.86	10.9 (1.4)		0.7 -2.	26 62	9009	NASDAQ	1,094.80	80 0.48	5.5	(3.3)	4.6 3.	35.58 1	000	NASDAQ	164.96	-0.45	2.7	(0.5)	5.9 31.47
AMAT NASDAQ	55.03	1.89	14.5 (4.0)		7.6 58.4	41 63	GPRO		5.49	49 -2.37	0.5	(13.4) (2.	(27.5) -13	-13.09 1	RDY	NYSE	34.74	0.03	1.8	1.8 (10.7)	(7.5) -17.05
AMBA NASDAQ	48.27	-1.60	0.2 (10.3	=	.8) 8.5	54 64	GRMN	NASDAQ	65.21	21 0.52	2 6.5	3.4	9.5 2	22.85 1	RHT	T NYSE	142.71	1.85	12.5	12.7	18.8
AMD NASDS	11.82	-3.13	4.5 (3.0)	0) 15.0	5.0 -9.3	35 65	S		267.62	62 -0.02		5.5		6.39 1	R	L NYSE	105.59	-1.29	2.0	(0.4)	1.8 14.80
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	-	-0.90	8.1 11.9	.9 23.9	3.9 55.9	0	IBM		8	18 0.11	4.5	(7.4)	1.8	-7.57 1	SHW		402.30	0.30	6.0	(2.8)	(1.9) 52.58
AVGO NASDAQ	248.89	-1.18	5.7 (6.4)	4) (3.1)	1) 45.3	33 69	CE	NYSE	E 71.73	73 -1.14	4.8	(4.1)	1.7 2	25.06 1_	SINA	A NASDAQ	114.95	-3.39	10.1	(3.4)	14.6 78.8
AXP NYSE	62.96	0.24	5.5 (3.9)	9) (2.5)	.5) 34.00	02 90	F	NYSE	25.89	89 -1.31	1.1	(5.4)	(0.9) 23	22 11 1	SODA	A NASDAQ	81.95	-4.71	10.2	7.7	16.5 78.2
BA NYSE	355.04	-0.40	6.7	1.1 20.4	89.4	43 71	<u>=</u>	NYSE	32.05	05 -1.97	0.2	(6.5)	(3.3) 29	29.39 1	SOHU	J NASDAO	34.50	-1.07	3.1	(24.2)	20.4) 27.9
		-0.75	5.4 2.5	L	1	57 72	MM	NAN	·	20 003	5		1	70.64	X IdS		92.64	-4 00	47	2.3	
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Z						24 /4	INF			4	1.3	(4.7)		1	2273		21.03	-0.6/	77	(0.1)	20.02
BMY NYSE	96.89	-0.03	10.0 11.5		12.5 4.8	86 75	INTC	NASDAQ	45.56	56 -0.79	3.7	2.6	(1.3) 2	27.27 1	STX	NASDAQ	51.42	-0.19	7.5	(1.4)	22.9
BUD NYSE	106.12	1.38	2.9 (8.5)	5) (4.9)	9) 5.8	92 08	IWM	ARCX	153.34	34 0.35	4.5	(2.7)	0.6	13.06 1	SWKS	SNASDAQ	104.11	-0.24	14	1.9	9.6 27.18
C NYSE	E 76.82	-0.34	4.3 (0.8)		3.2 25.2	21 77	JAZZ	NASDAQ	145.76	76 1.2	1 4.2	(5.6)	8.3 2:	23.50 1	SYMC	NASDAQ	27.55	-0.54	6.3	0.1	(1.8)
CAT	Ī	-236	47 (72)	2) (0.8)	6 69	92 78	2	NVSE		15 144	2.8	(9.4)	1471 2	21 27 1	TARO		101 60	-0.29	5.7	(3.5)	(3.0)
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		-0.28		1	4	0	KLAC	Z		•	0.0			33.34	N N		43.32		_	707	70.62
		0.34	5.6 (0.3)	3) (0.3)	_	6	8				4.3	(3.9)	(2.0)	10.66	TSCO		67.32	-2.70	12	(16.5)	(6.9)
CME NASDAQ	162.38	-1.68	3.5 7.	7.2 11.2	1.2 30.5	58 83	KORS	NYSE	63.90	90 -1.30	6.9	(1.1)	1.5 4	46.46 1	TSLA	A NASDAQ	335.49	0.42	8.1	(3.4)	7.8 45.7
CMG NYSE	305.63	6.21	19.6 (8.7)	7) 5	5.7 -23.40	40 84	ILY	NYSE	78.97	97 1.20	3.6	(8.4)	(6.5)	14.83 1	TWTR	NYSE	33.06	-1.66	4.9	34.6	37.7
COST NASDAO	191.56	0.04	6.0 (0.4)	L	2.9 21.5	56 85	LMT	NYSE	360.53	53 -0.13	3 5.6	7.7	12.3 28	28.45 1	TXN	NASDAO	104.47	-0.10	4.0 (12.3)	12.3)	0.0 43.13
CREE	36.71	0.57	12.1 0.3	3 (1.2)	2) 40.7	74 86	LOGM	NASDAO	122.45	45 -9 27	0.0	2.3	6.9	19 21 1	UAL	NYSE	66.52	-0.33	5.6	5.6 (13.1)	(1.3)
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		-0.52				0	MA				6.3		4	46.60 1	UTHR	ž	134.93		_	(3.8)	_
CTXS NASDAQ		0.24	6.4	0.0	3.6 23.7	2	MCD	NYSE		79 -1.89	(1.9)	(8.8)	(8,3) 41	41.41 1		/ NYSE	121.85	-0.35	4.8	(0.1)	6.9 46.1
CVX NYSE	112.14	-0.35	(1.2)(15.3)	3) (10.4)	(4)	36 92	MCHP	NASDAQ	83.41	41 1.10	7 2.9	3.1) (	(5.1) 34	36.99 1	VMW	/ NYSE	124.55	0.75	10.1	(8.0)	(0.0)
CYBR NASDAQ	47.90	-1.98	8.7 14.3	3 15.7	5.7 -9.0	03 93	MELI	NASDAQ	.,	87 -2.48	10.1	8.6	17.5 10	101.52 1	VRSN	NASDAO	120.55	3.48	10.5	5.7	5.3 50.4
L		-0.19	47/115		1387		MNST			Γ.	4.1	(2.4)	3.5	1 27 64	5			0.82	0.5	(3.0)	(5.3)
		-1 42	601 64		+		QM				23		4	5	VANA	Z	12401			10.5	210 520
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		-0.07					MON			1	9	7		11.00	WDC	Z	16.40	3	800	(6.0)	4
		-1.49	14 13.3		17.9 44.8	00	MRK	NYSE			2.6	(6.3)		-4.42 1	WMT		104.78	1.48	5.4	2.0	6.1 42.8
		-0.21	4.1 (3.5)		1.9 25.2	10	MS	NYSE		3	5.8	(0.4)	5.1 2/	24.19 1	WYNN	NA	164.28	0.16	(1.2)	(5.4)	(2.6) 94.88
DIS NYSE	106.53	1.27	3.3 (4.9)	(6.9)	9) 3.	16 99	MSFT	NASDAQ	92.00	00 -0.72	2 4.3	2.1	7.6 3	37.66 1		NYSE	44.75	12.87	30.7	13.8	27.2
ESRX NASDAQ	75.23	1.54	4.9 (6.9)		0.8 8.5	50 1	MSTR	NASDAO	137.55	55 -0.22	5.3	(1.5)	4.8 -3	-33.49 1	XHB	3 ARCX	42.94	0.44	4.2	(7.3)	(3.0) 30.75
EXPE NASDAO	103.85	1.56	(0.1) (20.5)	5) (13.3)	31 5.7	73 1	M	NASDAO	44.21	1 1 61	9.4	(0.1)	7.5 8	87.59 1	XLE	E ARCX	68.12	-0.25	22	117)	(5.7)
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FOSL NASDAQ	14.52	-6.89	733 556	6 98 9	10 0y- 0 3	1 40	200	MACDAO	154 95		•		-		1000		-			-	
							2			- 6.00	0	(23.0)	(10.3) 20	206.66 1	YELP	NYSE	41./3	-0.58	9.0	(4.9)	(0.0)

# **Algorithmic Trading**

Algo. Techniques
Algo. Reports
Current Algorithms

ALL RETURNS POSTED ON THIS PUBLICATION ARE HYPOTHETICAL PERFORMANCE GENERATED BY COMPUTERIZED SYSTEM AND THEY ARE NOT ACTUAL TRADE REPORTS. HYPOTHETICAL PERFORMANCE RESULTS HAVE MANY INHERENT LIMITATIONS, SOME OF WHICH ARE DESCRIBED BELOW. NO REPRESENTATION IS BEING MADE THAT ANY ACCOUNT WILL OR IS LIKELY TO ACHIEVE PROFITS OR LOSSES SIMILAR TO THOSE SHOWN. IN FACT, THERE ARE FREQUENTLY SHARP DIFFERENCES BETWEEN HYPOTHETICAL PERFORMANCE RESULTS AND THE ACTUAL RESULTS SUBSEQUENTLY ACHIEVED BY ANY PARTICULAR TRADING PROGRAM. ONE OF THE LIMITATIONS OF HYPOTHETICAL PERFORMANCE RESULTS IS THAT THEY ARE GENERALLY PREPARED WITH THE BENEFIT OF HINDSIGHT. IN ADDITION, HYPOTHETICAL TRADING DOES NOT INVOLVE FINANCIAL RISK, AND NO HYPOTHETICAL TRADING RECORD CAN COMPLETELY ACCOUNT FOR THE IMPACT OF FINANCIAL RISK IN ACTUAL TRADING. FOR EXAMPLE, THE ABILITY TO WITHSTAND LOSSES OR ADHERE TO A PARTICULAR TRADING PROGRAM IN SPITE OF TRADING LOSSES ARE MATERIAL POINTS WHICH CAN ALSO ADVERSELY AFFECT ACTUAL TRADING RESULTS. THERE ARE NUMEROUS OTHER FACTORS RELATED TO THE MARKETS IN GENERAL OR TO THE IMPLEMENTATION OF ANY SPECIFIC TRADING PROGRAM WHICH CANNOT BE FULLY ACCOUNTED FOR IN THE PREPARATION OF HYPOTHETICAL PERFORMANCE RESULTS AND ALL OF WHICH CAN ADVERSELY AFFECT ACTUAL TRADING RESULTS.

# Trading Parabolic Arc Patterns

### by Suri Duddella

Triangle patterns form when price reaches support and resistance levels in consolidation ranges. The triangle patterns can be either bullish or bearish as they also can be continuous or reversal patterns, based on the market trend. These patterns are primarily are classified as Ascending, Descending and Symmetric Triangles. In this article, we'll present how to trade Symmetric Triangles.

Symmetric Triangle is one of the most important chart patterns in technical analysis. These chart patterns form when the market is in an indecision mode where supply/demand is in a state of equilibrium. Even though it is hard to predict (up or downside) the price breakout from this consolidating pattern, they are generally considered to be continuous patterns and breaks out in the established trend direction prior to the pattern formation. Once the price breaks out of the pattern, they usually result in a large move in the direction of the breakout. Symmetric Triangles are also called as "coils" or "contracting wedge" patterns.

Symmetric Triangles can be easily detected when prices make alternate lower highs and higher lows in upside and downside slopes were defining a clear symmetry. Symmetric Triangle patterns consist of two converging upward sloping (lower) and downward sloping (upper) trendlines connecting the lower-high pivots and higher low pivots bounding the pattern. The trend before the pattern usually signals the breakout direction from the pattern signifying a continuation pattern. The pattern consists of at least 2 price pivotal points on each of the upper and lower trendlines. Once price breaks out from either of the trendlines, the pattern is considered complete. Volume decreases within the pattern and increases at the point of breakout. Prices usually break out one side or other before reaching the 'Apex' of the triangle and may form weeks to months for it to be valid before a breakout. The optimal breakout point occurs between 50%-75% of the pattern width. Symmetric Triangles often produce "throwbacks" where price retraces back to the trendline.

Some traders look for these "throwbacks" for potential entry points.

# Trading Symmetric Triangle Patterns

### Trade:

Trades should be taken when price closes out of upper or lower trend line in a Symmetric Triangle after forming at least 2 pivots on each of the trendline. The optimal breakout point should be about 50% to 75% of the width from left. When a breakout is confirmed by price closing above breakout bar's high (in the case of upside) enter a long trade. When a breakdown is confirmed by price closing below the breakdown bars low, enter a short trade. Some traders employ a 2% higher price level above breakout or 2% lower price level below breakdown to qualify a 'true' breakout.

### Stop:

Symmetric Triangle failures occur when market results in false breakouts. Stop below the last pivot level (4) of the trend line for a long setp and place a "stop" order above the high of the trend line for a short-setup. In large Symmetric Triangle patterns, an aggressive stop level could be placed at the "apex" level.

### Target:

Symmetric Triangle targets are computed by adding the height of the entire triangle from breakout level in an upside triangle breakout. Protect targets by using trail stops.



### Example

The following example shows both symmetric triangle breakout (continuous) and Symmetric Triangle breakdown (reversal) pattern formation in current Baidu (BIDU) stock.

Baidu (BIDU) stock trading in a Symmetric Triangle pattern for the year 2016 between \$139 to \$216. BIDU formed symmetric triangle pattern as it made lower highs and higher lows in a coil format. It formed 3 upper pivots and 2 lower pivots to complete the pattern. Currently, BIDU is trading at \$174 near the 3/4th of pattern width level. BIDU is also trading above 200 SMA and may breakout from the pattern upper or lower trendlines. The case for both upside or downside breakout trades is presented here.

### Trading BIDU breakout

- 1. BIDU was trading (January 2017) in a Symmetric Triangle with a weekly close at \$174.
- 2. The pattern formed 3 higher-low pivots on the upper trendline.
- 3. If price breaks above the upper trend line with increased volume, it may signal a breakout.
- 4. Enter long on upper trendline breakout above \$189.5.
- 5. Place a Stop at the Apex \$176.
- 6. The height of the Symmetric Triangle pattern is \$80.
- 7. Targets are placed at 62% (\$237) and 100% (\$266) of its height above the breakout levels.



# Plato Algo. Performance Report (02/16/18)

Short/Medium Term, Not for Sale or Lease.

Symbol	Last			suri.Pl			
		Long Date	Num	Lona Entry	Stop	PL Pts	PL %
PLATO ALGO		04 (0 2 2 2 2 2 2			4=		
ADBE		01/06/2017	290	108.5	172.35	93.03	85.72
ADSK	112.95			40	4=400	10.451	,,,,,
AMGN		01/12/2018	25	185.7	174.22	(2.16)	
AMZN		10/27/2017	80		1,153.24		31.02
AVGO		04/21/2017	215	219.2	262.81	29.67	13.53
AXP(D)	96.79						
BA(D)		10/21/2016	345	137.0	284.07	217.99	
BABA(D)		01/05/2018	30	190.8	171.29	(7.17)	(3.76
BIDU		01/26/2018	15	263.5	247.10	(18.79)	(7.13
BIIB		06/23/2017	170	284.6	313.23	7.31	2.57
C(D)		08/05/2016	400	45.8	72.30	30.99	67.62
CELG	95.26						
CMG(D)	305.00						
CVX(D)		03/11/2016	505	96.2	123.66	15.90	16.52
EBAY		12/15/2017	45	38.5	37.39	4.82	12.51
FB		01/13/2017	285	129.4	172.21	47.99	37.10
FDX(D)	244.19	06/02/2017	185	205.0	232.68	39.20	19.12
GLD(D)	127.98	12/29/2017	35	124.2	122.10	3.78	3.04
GOOG	1,094.50	09/29/2017	100	959.9	1,016.81	134.91	14.05
GS(D)	267.62	09/22/2017	105	232.2	242.50	35.42	15.25
HD(D)	187.19	09/08/2017	115	160.8	175.07	26.18	16.28
IBM(D)	156.25						
INTC	45.51	08/04/2017	140	36.8	41.95	8.79	23.91
JPM(D)	114.71	06/30/2017	165	92.8	102.46	21.93	23.64
MA(D)	175.65	08/05/2016	400	97.0	149.65	78.61	81.01
MCD(D)	158.00						
MS(D)	55.04	09/22/2017	105	48.6	50.45	6.55	13.48
MSFT	92.03	07/22/2016	410	56.9	82.55	35.06	61.57
NFLX	278.40	12/02/2016	315	121.1	199.62	157.44	130.03
NVDA	244.66	05/12/2017	200	130.5	195.26	113.31	86.83
ORCL(D)	50.73	01/19/2018	20	50.8	47.81	(0.07)	(0.14
QQQ	165.11	01/06/2017	290	122.3	152.94	42.61	34.83
SPY(D)	273.43	11/11/2016	330	218.4	260.29	54.70	25.04
TSLA	334.99	01/19/2018	20	352.4	315.14	(16.91)	(4.80
V(D)	122.07	01/06/2017	290	82.6	110.79	39.26	47.54
VRSN	120.55	02/16/2018	0	121.7	108.11	(1.16)	(0.95
WMT(D)	104.59	02/24/2017	255	72.9		31.88	
WYNN	164.20	01/27/2017		104.1			
XLK(D)		11/25/2016	320	48.2	62.38	19.01	39.46
claimer: Educ							

# Monty Algo. Performance (02/16/2018)

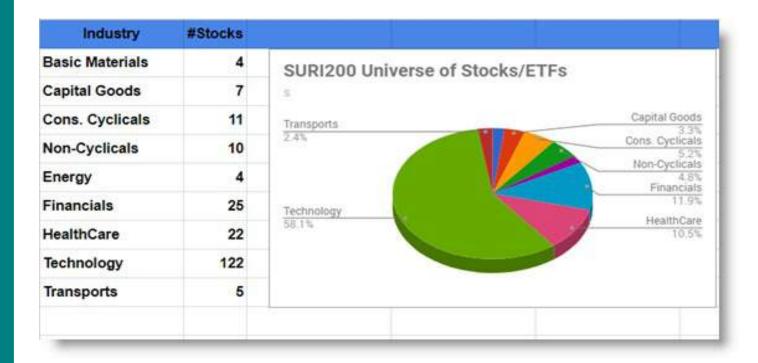
Long Term, NOT for Lease or Sale

					suri.M	onty2		
	Symbol	Trend	Close	Days	Signal Date	Signal	TrailStop	PL%
1 /	ADBE	Bullish	199.76	2,179	02/29/2012	Long above 34	149.94	487.53
2 /	ADSK	Bullish	115.62	534	08/31/2016	Long above 70	100.70	65.17
3	AMGN	Bullish	186.05	353	02/28/2017	Long above 179	167.88	3.94
4	AMZN	Bullish	1,450.89	1,113	01/30/2015	Long above 360	991.23	303.03
5	AVGO	Bullish	248.03	1,569	10/31/2013	Long above 48	232.99	416.73
6	AXP(D)	Bullish	99.40	443	11/30/2016	Long above 74	86.78	34.32
7	BA(D)	Bullish	354.37	473	10/31/2016	Long above 147	230.10	141.07
8	BABA(D)	Bullish	204.29	626	05/31/2016	Long above 83	150.44	146.13
9	BIDU	Bullish	246.92	294	04/28/2017	Long above 189	212.16	30.65
_	BIIB	Bullish	347.81	169	08/31/2017	Long above 317	295.62	9.72
_	C(D)	Bullish	78.48	473	10/31/2016	Long above 51	67.44	53.88
_	CELG	Bearish	101.16	108	10/31/2017	Short below 94	126.36	0.00
_	CMG(D)	Bearish	324.76	200	07/31/2017	Short below 336	373.11	3.35
_	COST	Bullish	194.87	2,696	09/30/2010	Long above 47	161.85	314.62
_	CVX(D)	Bullish	125.35	140	09/29/2017	Long above 119	111.26	5.34
_	EBAY	Bullish	40.58	567	07/29/2016	Long above 32	34.38	26.81
_	FB	Bullish	186.89		02/27/2015	Long above 82	161.05	127.91
_	FDX(D)	Bullish	262.48	687	03/31/2016	Long above 32	211.86	59.08
_	GLD(D)	Bullish	127.65	169	08/31/2017	Long above 126	118.82	1.31
_				931				
_	GOOG	Bullish			07/31/2015	Long above 679	937.49	72.30
_	GS(D)	Bullish	267.89	473	10/31/2016	Long above 179	227.51	49.66
_	HD(D)	Bullish	200.90	413	12/30/2016	Long above 138	157.54	45.58
_	IBM(D)	Bullish	163.70	16	01/31/2018	Long above 172	159.58	0.00
_	INTC	Bullish	48.14	140	09/29/2017	Long above 39	38.23	23.44
_	JPM(D)	Bullish	115.67	534	08/31/2016	Long above 68	92.62	70.10
_	MA(D)	Bullish	169.00	504	09/30/2016	Long above 103	131.74	64.08
_	MCD(D)	Bullish	171.14	381	01/31/2017	Long above 124	153.91	38.02
_	MS(D)	Bullish	56.55	534	08/31/2016	Long above 33	46.00	71.36
_	MSFT	Bullish	95.01	840	10/30/2015	Long above 55	74.32	72.75
_	NFLX	Bullish	270.30	_	01/30/2015	Long above 66	168.39	309.55
_	NVDA	Bullish	245.80		04/30/2013	Long above 14		1,655.71
2	ORCL(D)	Bullish	51.59	626	05/31/2016	Long above 41	46.14	25.83
_	QQQ	Bullish	169.40	2,208	01/31/2012	Long above 61	142.83	177.70
4	SPY(D)	Bullish	281.90	626	05/31/2016	Long above 211	247.43	33.60
5	TSLA	Bullish	354.31	381	01/31/2017	Long above 259	296.29	36.80
6	V(D)	Bullish	124.23	1,842	01/31/2013	Long above 41	100.52	203.00
7	VRSN	Bullish	114.92	353	02/28/2017	Long above 86	99.94	33.63
8	WMT(D)	Bullish	106.60	294	04/28/2017	Long above 76	81.28	40.26
9	WYNN	Bullish	165.59	322	03/31/2017	Long above 117	135.93	41.53
_	XLK(D)	Bullish	68.45	840	10/30/2015	Long above 45	57.97	52.11
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# **Symbols Universe**



# **Symbol Universe of Stocks/ETFs**

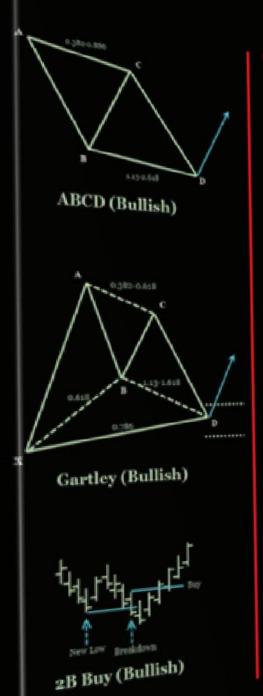


# **Symbols Universe**

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