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### Weekly Update:

- Weekly summary of portfolio performance is outlined on pages 6, 7, and 8. TG Therapeutics (TGTX) was the largest gainer, up 37.7% on the week. By the same token, I view TGTX as a stock that we would have unloaded quite some time ago, given its 12 month performance (down 54.4%). The 2<sup>nd</sup> highest gainer last week was Cardiovascular Systems (CSII), up 13.74%, with the laggard being XONE (The ExOne Co), down 10.39% on the week.
- Breadth measures of the general market are still showing bullish signs, as the advance decline line is both moving higher, and above its 20 period moving average.
- There was a mild expansion in the spread between the 10 year treasury rate and the federal funds rate (from 0.29 to 0.33). As mentioned last week any narrowing of that spread warrants monitoring.
- Global market performance:

	1 Week Performance	Futures
S&P (SPX)	-0.12%	-0.01%
NASDAQ (COMPX)	0.31%	-0.02%
Nikkei (NI)	1.36%	-0.05%
FTSE (FTSE)	-1.00%	0.11%
USD/JPY	0.62%	0.22%
EUR/USD	-0.16%	0.00%
WTI (OILSW)	-2.55%	-0.25%
Brent (OILBR)	-1.65%	0.74%
Natural Gas (NG2Spot	t) 0.74%	-0.18%
Copper (HG2Spot)	-1.15%	0.05%
Gold (GC2Spot)	-3.16%	0.02%
Soybeans (S2Spot)	-0.93%	0.03%

• Current sector rotation (RRG), relative to the S&P 500

Ticker	Sector	Quadrant
XLU	Utilities	Leading
XLB	Materials	Leading
XLK	Technology	Leading
XLE	Energy	Leading
XLV	Healthcare	Improving
XLF	Financials	Improving
XOP	E&P	Improving
XLY	Consumer Discretionary	Improving
XLI	Industrials	Weakening
XLRE	Real Estate	Lagging
XLP	Consumer Staples	Lagging

#### Thoughts on sector rotation:

• For the second consecutive week, Utilities sits in the "leading" quadrant, relative to the S&P 500, along with Materials, Technology, and Energy. From my vantage point, we essentially have a mixed bag as it relates to sector positioning. The presence of Utilities in a leading quadrant, would point me to investor caution, while the presence of Technology in the leading quadrant signals exactly the opposite in my view. The bulk of evidence at this point still signals a "risk on" environment (for now), given the price of the SPXT relative to its 200 day moving average, along with the aforementioned advance decline line.

**Trade idea** (System 3-Moving average crossover: description on page 5\*, chart on page 11):

- Qorvo Inc (QRVO-\$70.05). Potential long candidate
- Develops integrated circuits for the telecommunications industry. Qorvo's products are used in wireless communications applications.
- QRVO's largest customer is Apple (AAPL), followed by Huawei Technologies, and Samsung
- In candor, I found that long ideas were challenging to come by this week, but I think that QRVO deserves consideration.
- The 10 day MA crossed over the 100 day MA on Feb 25<sup>th</sup>, which I view as bullish...but with a caveat.
- Specifically, my concern is initiating a long position ahead of what I expect may be a zone of resistance.
- AVWAP (anchored volume weighted average price) lines, measured from 3Q 2018 imply that the average investor who purchased shares in QRVO are just at breakeven.
- As such, my inclination is to not initiate a long position in QRVO until prices have breached what I expect may be an area of resistance. Specifically, I recommend setting a buy stop at \$72 per share.
- One item of note is that following QRVO's most recent earnings report (2/7/19), shares the following day gapped down sharply on high volume, but actually bounced back by the close. Negative relative to the day prior, but finishing higher than the opening price.
- I think this implies that the initial sell off following the earnings report, was a bit overdone.
- The 14 period RSI is still showing upward momentum
- Additionally, during the previous downturn momentum diverged bullishly from price movement, which
  I also view as a positive.
- Fundamentally, the 5 year revenue CAGR was 25.26% to close 2018, 28.33% in 2017, and 19.94% in 2016.
- However, on a sequential basis, 2018 revenue was down 1.95% from the prior year. Looking at QRVO's income statement shows that strong growth years in 2015 (49%), and 2016 (52.59%) did a lot of the heavy lifting in driving the strong 5 yr CAGR numbers.
- As such, my risk tolerance is a little bit more conservative on this long recommendation.
- Specifically, my exit would be based on 1.15x the ATR, which would imply an exit at \$67.81 and an implied maximum loss of 3.2% on the trade.
- The balance sheet is solid with a 21% debt to equity ratio, and 13.1x EBITA to Interest ratio

### **Prior 2019 recommendation(s)**

- PS- Pluralsight Inc 02/26/19; BUY; Entry = \$29.54; Current Price = \$32.99; Profit/Loss = 11.68%
- VRTX-Vertex Pharmaceuticals: 02/19/19; BUY; Entry =\$188.07; Current Price = \$190.04; Profit/Loss = 1.04%
- JOBS- 51Jobs Inc: 02/12/19; BUY; Entry = \$69.14; Current Price = \$68.33; Profit/Loss= -1.17%
- FTNT-Fortinet: 02/05/19; BUY; Entry = \$80.14; Current Price = \$83.82; Profit/Loss = 4.6%
- NWL-Newell Brand: 1/29/19; BUY; Entry = \$21.13; 2/15/19; Exit = \$18.68, Current Price = \$16.11;
  Profit/Loss= -12%

#### **Entrepreneurship/Venture Capital**

- As it relates to themes, one issue I took note of last week was discussions related to US & China VC flows, as a related issue specific to US & China trade talks.
  <a href="https://www.forbes.com/sites/rebeccafannin/2019/03/03/a-us-china-tech-race-could-reshape-sino-us-venture-capital-flows/?source=bloomberg">https://www.forbes.com/sites/rebeccafannin/2019/03/03/a-us-china-tech-race-could-reshape-sino-us-venture-capital-flows/?source=bloomberg</a>
- Specifically, over the last several years there has been a significant increase in cross border flows between China and the U.S. related to startup and VC investment.
- As such, it can be surmised that any increase in tension between the U.S. and China related to trade, could have a negative impact on VC investment and partnerships between the 2 countries.
- As it stands, China to US Tech investment declined close to 80% last year, as deals have come under greater scrutiny by the current administration's Committee on Foreign Investment.
- In my view, this could prove problematic, as the impetus for greater scrutiny of China to US deals appears to be driven by political motivations.
- Should China to US investment come under greater scrutiny, I could foresee China VC approaching other markets (i.e. Israel, Southeast Asia).
- Still, given the depth and breadth of US startups, my assumption would be that any gap in financing would be filled by domestic entities.
- As it relates to transactions last week, there were a couple that caught my attention, specifically:
  - ATX Seed Ventures and Quake Capital (both of Austin, TX) are in the process of raising \$100 million each. Of note to me is that both firms appear to be focused on early stage capital, when I've noted in the past a general shift towards later stage investment.
    - It will be interesting to see the areas where they deploy capital, and I suspect that a good deal of it could be aimed at the Artificial Intelligence space.
  - Moringa food company, Kuli Kuli raises \$5 billion in Series B financing. Use of proceeds appears to be aimed toward product launch and extension.
  - Berlin, Germany based G2 Esports Raises \$17.3 million in financing round. The company indicated that the usage of proceeds will be aimed at global expansion, and content development.
- On the IPO front, ride sharing firm Lyft filed for an initial public offering last week.
  - The offering is expected to be in the range of \$100 million USD.
  - Additionally, Lyft revealed that it posted a net loss of \$911 million last year, on revenues of \$2.2 billion
  - Banks working with the underwriting of the Lyft IPO have apparently been implying a valuation range of \$20-\$25 million at this time, but I would be interested in seeing the valuation methodology from which they derived those figures.

#### **Trade System Descriptions\***

- **System 1:** Momentum ranking while accounting for volatility. Basket of stocks are ranked based on their momentum over the last 90 days (using the exponential regression). That number is annualized and then subsequently multiplied by the R2 (coefficient of determination), in order to penalize stocks for excessive volatility. Goal is to locate stocks with strong, steady momentum
- **System 2:** Retracement while in a primary trend. For long ideas, the goal is to identify names that have been moving higher, but have recently pulled back slightly. I look for stocks whose current price likes below the 20 day moving average, but above the 50 day moving average, while momentum (14 period RSI), is pointing higher as well.
- **System 3:** Moving average crossover. Basic system attempting to capture a stock poised to breakout. Can use a 10 day MA crossover above the 100 day MA, 20 above the 50, 50 above the 200, etc... depending on risk tolerance.



	Code 🔺	Name	Last	Sector Name	Mkt Cap	Daily Change	1 Week Change	Relative to S&P	1 Month Change	Quarterly Change	Yearly Change	H
_om	mercial Servic	CNT: 3	T.	-Vi-		ali .	ile i	k		A.	W.	T.
	6028.JP	TechnoPro Holdings,Inc.	6,180.000	Commercial Services	218,184.6	1.15%		Improving				
	ВСО	The Brink's Co	77.73	Commercial Services	3,863.2	-1.07%		Leading				
	KFY	Korn Ferry	47.97	Commercial Services	2,710.8	-1.70%		Improving				
on:	sumer Durabl	CNT: 3										₽
	ELY	Callaway Golf Co	17.44	Consumer Durables	1,648.1	-0.46%		Lagging				
	MSA	MSA Safety Inc	102.80	Consumer Durables	3,960.5	0.03%		Weakening				
	SWK	Stanley Black & Decker Inc	134.95	Consumer Durables	20,418.3	1.75%		Leading		6.81%		
Cons	sumer Non Du	CNT: 2										The state of the s
	4985.JP	EARTH CHEMICAL CO LTD	5,040.000	Consumer Non Durable	100,874.0	1.3196		Lagging				
	BF.B	Brown-Forman Corp	50.97	Consumer Non Durable	24,310.6	2.31%		Lagging				
Cons	sumer Service	CNT: 7										T.
	DISH	Dish Network Corp	33.47	Consumer Services	15,660.1	3.85%		Improving		4.82%		
	HLT	Hilton Worldwide Holding	83.38	Consumer Services	24,581.7	-0.48%		Leading				
	LBTYK	Liberty Global PLC	25.49	Consumer Services	19,034.0	0.43%		Improving				
	LYV	Live Nation Entertainment	60.76	Consumer Services	12,767.3	-0.46%		Weakening			38.44%	
	SBUX	Starbucks Corp	70.95	Consumer Services	88,212.1	0.14%		Weakening				
	TSG	The Stars Group Inc	15.830	Consumer Services	4,306.9	-4.6496		Improving				
	WWE	World Wrestling Entertains	83.98	Consumer Services	6,552.5	-1:87%		Leading				
Distr	ibution Servi	CNT: 1										T.
	FERG	Ferguson PLC	53.160	Distribution Services	12,241.1	0.62%		Improving				
lect	ronic Techno	CNT: 2										僱
	FTNT	Fortinet Inc	83.82	Electronic Technology	14,232.6	-3.58%		Leading				
	QRVO	Qorvo Inc	70.05	Electronic Technology	8,616.2	-0.64%		Improving				
ina	nce	CNT: 7										The second
	CARO	Carolina Financial Corp	36.74	Finance	829.2	-0.1496		Improving		12.32%		
	FBNC	First Bancorp	38.81	Finance	1,153.6	-0.92%		Improving				
	LAND	Gladstone Land Corp	11.98	Finance	214.3	-1:48%		Lagging				
	NCOM	National Commerce Corp	42.9300	Finance	891.3	-1.45%		Leading				

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1	Day -	Watch	List -	Watchlist	Summary	Lavout
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Day	- Watch List -	Watchlist Summary Layout										10
	Code 🔥	Name	Last	Sector Name	Mkt Cap	Daily Change	1 Week Change	Relative to S&P	1 Month Change	Quarterly Change	Yearly Change	#
Fina	nce											-
	SSB	South State Corp	71.17	Finance	2,550.0	0.38%		Improving				
	TOWN	Towne Bank	27.6800	Finance	2,005.9	-0.04%		Improving				
	V	Visa Inc	147.96	Finance	172,131.8	-1.01%		Weakening				
Heal	th Services											
	EVHC	Envision Healthcare Holding	45.99	Health Services	4,874.5			Weakening				
Heal	th Technolog											壘
	ALXN	Alexion Pharmaceuticals Inc	136.08	Health Technology	30,413.9	-1.21%		Leading				
	CSII	Cardiovascular Systems Inc	39.9000	Health Technology	1,389.5	10.40%		Improving				
	NEOG	Neogen Corp	62.09	Health Technology	3,233.8	-2.28%		Improving				
	TGTX	TG Therapeutics Inc	6.83	Health Technology	141,606.4	-5:27%		Improving				
	VRTX	Vertex Pharmaceuticals Inc	190.04	Health Technology	24,246.4	-1.16%		Leading		6.81%		
	Energy Mine	rals										-
	SUM	Summit Materials Inc	17.620	Non Energy Minerals	1,092.4	0.97%	1,32%	Leading				
	VMC	Vulcan Materials Co (Holding	115.12	Non Energy Minerals	16,733.8	1.85%		Leading				
Proc	lucer Manufa	cturing										-
П	5301.JP	Tokai Carbon Co Ltd	1,539.000	Producer Manufacturii	329,109.2	-1.0996		Improving				
	AME	AMETEK Inc	79.50	Producer Manufacturii	18,055.3	-0.09%		Leading				
	APTV	Aptiv PLC	83.95	Producer Manufacturii	21,826.2	-0.38%		Leading				
	LECO	Lincoln Electric Holdings Inc	87.32	Producer Manufacturii	5,548.8	0.73%		Leading				
	NWL	Newell Brands Inc	16.11	Producer Manufacturii	7,520.1	-0.3798		Lagging				
	PCAR	Paccar Inc	67.48	Producer Manufacturi	23,388.6	-0.43%		Leading	3.42%			
	WSO	Watsco Inc	141.81	Producer Manufacturi	5,312.4	-1.72%		Lagging				
	XONE	The ExOne Co	10.35	Producer Manufacturii	168.0	-2.73%		Leading				
	XYL	Xylem Inc	76.25	Producer Manufacturi	13,704.0	-0.1696		Leading				Ī
Reta	il Trade											咆
	2782.JP	Seria Co Ltd	3,925.000	Retail Trade	285,915.7	3.70%		Lagging				
	3182.JP	Oisix Inc.	1,887.000	Retail Trade	63,361.1	-2.63%		Lagging				

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9435.JP

HIKARI TSUSHIN INC

20,270.000

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Improving

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Retail Trade

918,329.4

1 Day - Watch List - Watchlist Summary Layout



- 🔲	Code 🔺	Name	Last	Sector Name	Mkt Cap	Daily Change	1 Week Change	Relative to S&P	1 Month Change	Quarterly Change	Yearly Change	<b>±</b>
– Reta	il Trade											9
	OLLI	Ollie's Bargain Outlet Hold	85.00	Retail Trade	5,339.0	-3.12%		Improving	5.55%			
	WMT	Walmart Inc	97.85	Retail Trade	284,939.2	-0.08%		Weakening	3.25%			
– Tech	nology Servi	ces										<b>a</b>
	CYBR	CyberArk Software Ltd	105.6700	Technology Services	3,810.6	-3.85%		Leading	19,48%			
	JOBS	51job Inc	68.33	Technology Services	4,221.5	-3.19%		Leading	-4.54%			
	PS	Pluralsight Inc	32.99	Technology Services	2,150.7	-3.34%		Leading	5.50%			

Type Code or Name to add an item to the watchlist



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1 Day - Watch List - No Layout



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1 Day - Watch List - No Layout

Cox	Name	Last	1 Month Change	3 Month Change	6 Month Change	9 Month Change	12 Month Change
LNS	Civilian Labor Force Participation Rate: Men	69.30	0.43%	0.58%	0.58%	0.14%	0.1496
LNS	Civilian Labor Force Participation Rate: Women	57.50					1.41%
LNS	Labor Force Participation Rate: White	63.10					0.6496
LNS	Labor Force Participation Rate: Black or African American	62.80					1,2996
LNS	Labor Force Participation Rate: Hispanic or Latino	67.30					2.12%
LNS	Civilian Labor Force Participation Rate: 16 to 19 years	35.60				2.30%	0.00%
LNS	Civilian Labor Force Participation Rate: 16 to 19 years, White	37.20		0.54%	0.00%		-2:36%
LNS	Civilian Labor Force Participation Rate: 16 to 19 years, Black or African American	34.00			13.33%		12.21%
LNS	Civilian Labor Force Participation Rate: 20 years and over, Men	71.80	0.42%	0.42%		0.00%	0.1496
LNS	Labor Force Participation Rate: 20 years and over, Women	58.90					1.38%
LNS	Civilian Labor Force Participation Rate: 20 years and over, White Men	72.00					0.1496
LNS	Labor Force Participation Rate: 20 years and over, White Women	57.80	-0.34%	0.00%			1.05%
LNS	Civilian Labor Force Participation Rate: 20 years and over, Black or African American Men	67.90		-0.73%	0.00%	0.30%	0.00%
LNS	Labor Force Participation Rate: 20 years and over, Black or African American Women	62.80			-0.52%		1.29%
LNS	Civilian Labor Force Participation Rate: 20 to 24 years	71.40		1.429	0.00%	0.00%	-0.56%
LNS	Civilian Labor Force Participation Rate: 25 to 54 years	82.60			0.61%		0.98%
LNS	Civilian Labor Force Participation Rate: 55 years and over	40.30					2.0396
LNS	Labor Force Participation Rate: Less than a High School Diploma, 25 years and over	45.20	-1.95%				0.89%
LNS	Labor Force Participation Rate: High School Graduates, No College, 25 years and over	58.50					1,74%
LNS	Civilian Labor Force Participation Rate: Bachelor's Degree and Higher, 25 years and over	74.00		0.82%	0.82%		0.82%
LNS	Labor Force Participation Rate: Some College or Associate Degree, 25 years and over	65.50				0.00%	-0.76%

Type Code or Name to add an item to the watchlist



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