

YCHARTS



iOFund
SPECIALIZING IN TECH GROWTH STOCKS

When Will Tech Stocks Bounce Back?

Tech Talk with Beth Kindig



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Chief Product Officer

Thank you for joining!

Questions can be submitted using the chat feature within the webinar and will be answered during the Q&A.

Please reach out to your YCharts support contact if you have additional questions, or email hello@ycharts.com.



Agenda

1. When will growth be back in favor?
2. Tech is (always) a stock picker's market
3. These FAANGs could see all-time highs
4. How to correlate data to pick winning stocks

When will growth be back in favor?

Supply chains must ease for growth

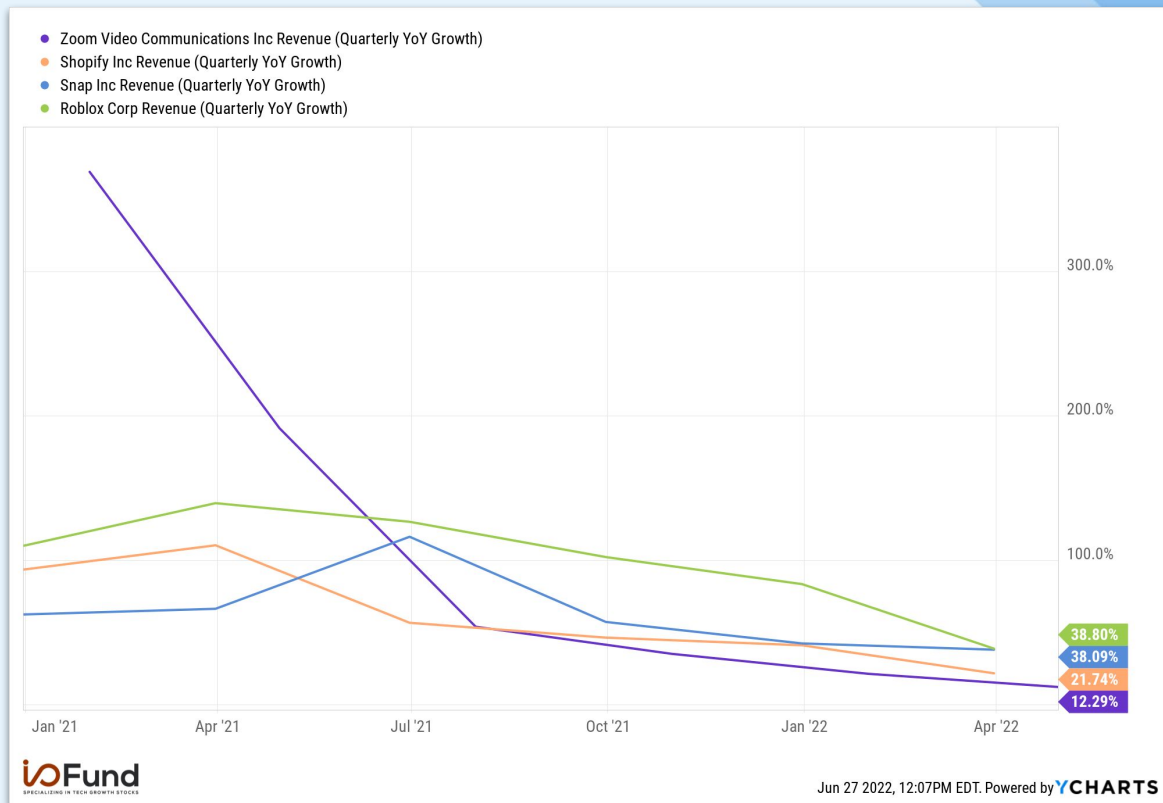


Tough Q2 comps will clear for Q3 guides



Covid created anomalous revenue

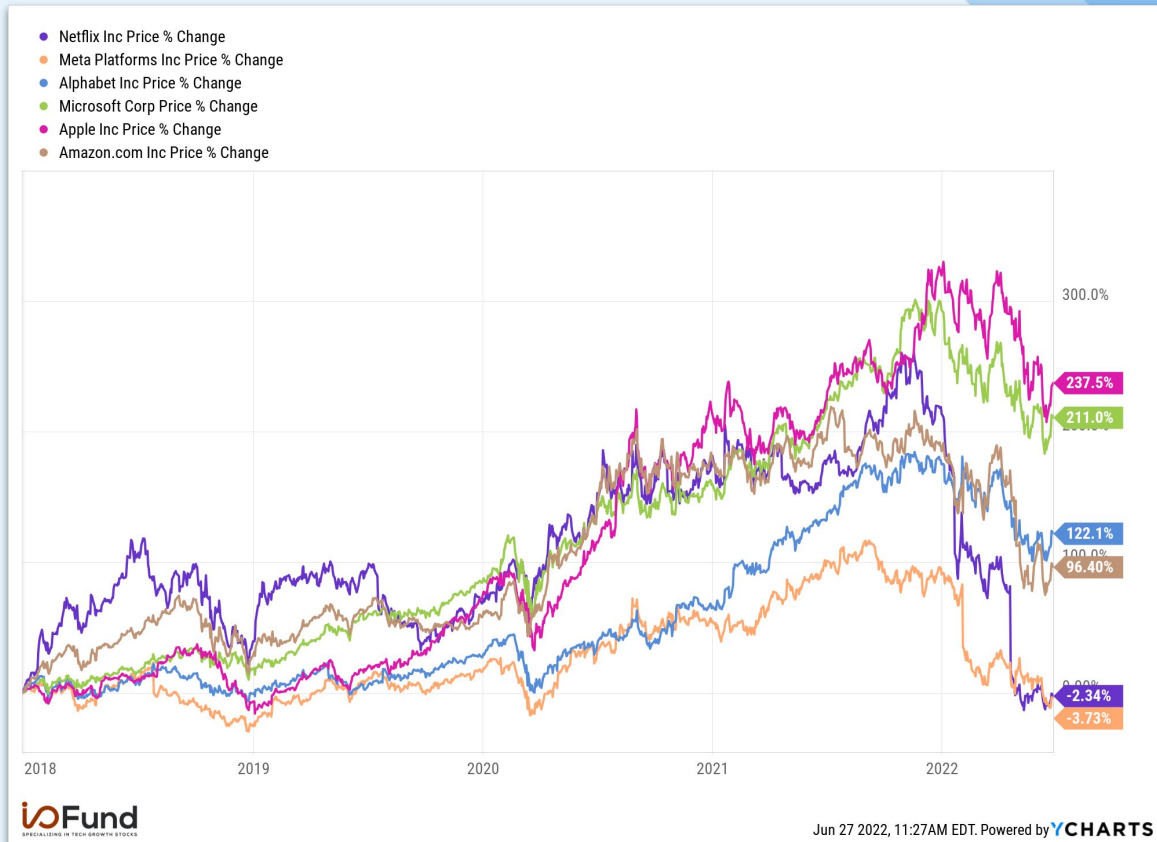
- Will (finally!) clear in Q3 this year
- Meanwhile supply chains expected to ease around the same time
- Growth headwinds will dissipate even if economic headwinds persist
- We think these two factors are equal if not greater than rising rates
- Many tech companies have solid cash reserves



Tech is (always) a stock picker's market

FAANG returns from 01/2018

- Two stocks are > 200% returns even with sell-off
- Two stocks are < 0% returns



The catalyst is the rocket fuel

- Apple: iPhone VS. App Economy
- Facebook: Social News Feed VS. Third-party Data
- Microsoft: Enterprise Software VS. Hybrid Cloud
- Amazon: E-Commerce VS. AWS
- Netflix: Subscription VS. Ads
- Google: Search Engine VS. Mobile



Tech is worth the trouble

- Steep drawdowns but outsized gains in the long-term
- Most stock pickers have beat the Nasdaq since 2018, which satisfies the minimum 3-5 year time horizon.

NASDAQ-100		
Year	Max Drawdown (DD)	Annual Return
2010	17.45%	20.14%
2011	16.53%	3.47%
2012	12.57%	18.12%
2013	7.48%	36.63%
2014	10.17%	19.18%
2015	19.32%	9.45%
2016	17.31%	7.10%
2017	5.39%	32.66%
2018	23.45%	-0.12%
2019	23.45%	38.96%
2020	30.45%	48.40%
2021	12.04%	27.42%
2022	30.41%	-28%
Average Annual Drawdown since 2010		17.38%
Total Return since 2010		536.00%
Average Annual Drawdown since 2018		23.96%
Total Return since 2018		85.00%

Tech claims top 5 world's most valuable even with current selloff

2001	2011	2021
General Electric	Exxon Mobil	Apple
Cisco Systems	PetroChina	Microsoft
Exxon Mobil	Apple	Amazon
Pfizer	ICBC	Alphabet
Microsoft	Petrobras	Facebook

**These FAANGs could see
new all-time highs**

Disclaimer:

- Fundamental Analysis + Technical Analysis = I/O Fund
- Sometimes Fundamentals lead and sometimes Technicals lead
- We use a blend of technicals and fundamentals
- **Anything we present is not a guarantee rather it's an opinion. Consult with your financial advisor.**

Alphabet (GOOGL)

- Largest owner of first-party data and full stack data (rare)
- First party data + AI/ML = woohoo!
- Structure from the COVID low suggests another high is likely.
- Above \$2500 confirms this.
- 22% above critical support that negates this.
- Weekly RSI is breaking out of downtrend.
- 1 of 2 FAANGs that did not make a lower low in the last push lower.



Microsoft (MSFT)

- In the lead with Fortune 500 Global 2K which is why hybrid strategy was a success
- Able to drive down costs across full cloud stack - very important during times of consolidation
- Structure off the the COVID low suggests one more high.
- Above \$280 confirms this.
- 19% above critical support that negates this.
- Weekly RSI is breaking out from downtrend.
- Bullish Divergence on RSI from oversold conditions historically suggests an end to selling is close.



Runners Up: NFLX & AAPL

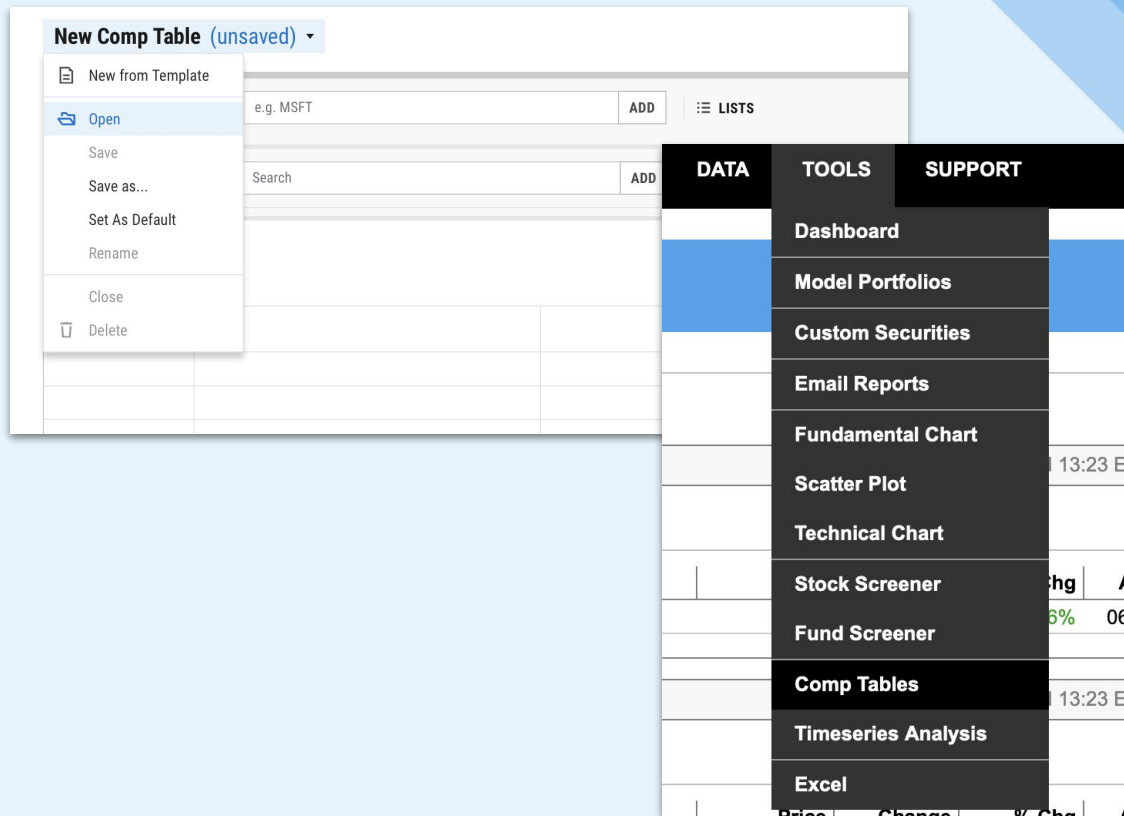
- Netflix has biggest opp in its history with advertising (but patience is required)
 - Technicals showing stock is oversold
 - 1 of 2 FAANGs that did not make a lower low in the last push lower.
 - High Odds we see a bounce to \$328-\$405
 - Above \$405 we see new highs.
-
- Apple has a lot of cash - more of a Value stock
 - Rare bullish divergence on the weekly RSI from oversold conditions.
 - Above \$155 and the odds favor new highs.
 - 14% above critical support that negates this.



How to correlate data to pick winning stocks

Fundamentals

- Comp tables before and after earnings
- Fundamental charts
- Stock screeners
- Current revenue/Fwd Revenue
- Inst ownership
- 7D, 30D and 60D Revisions
- Valuations
- % increase in price
- QoQ growth, YoY growth
- Margins
- Cash Flow/Debt



Relative Strength

- All data in YCharts can be pulled into Excel.
- We use this tool to construct **Relative Strength Screens** amongst stocks and sectors within tech.

Quickly use YCharts' Excel tool with pre-built templates

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Excel Templates To Get You Started

Use these pre-built Microsoft Excel templates of common financial models to get started with the YCharts Excel Add-in. Modify the templates to suit your analysis needs or use them as is by simply changing the ticker symbols.

Recently Released

Model Portfolio Comparison
Visualize your firm's model portfolios in a single report. Compare each model portfolio's asset allocation, performance, risk, and visualize the risk vs return.

Portfolio Overview
Template provides a comprehensive overview of a portfolio and generates a clean, printable report.

Portfolio Side By Side Comparison
This template provides a side by side comparison between 2 portfolios and generates a clean, printable comparison page.

Most Popular

Correlation Analysis
Correlation analysis of chosen securities.

Fund Comparison
Compare several funds graphically in a printer friendly report.

Market Update
Provides a high level 'Market Update' that is easily comprehensible for advisors and their clients or individual investors. Includes performance modules for Asset Classes, Regions, Sectors, and more.

Model Portfolio Comparison w/ Holdings Input
Visualize your firm's model portfolios in a single report. Compare each model portfolio's asset allocation, performance, risk, and visualize the risk vs return.

Portfolio Overview w/ Holdings Input
Template provides a comprehensive overview of a portfolio and generates a clean, printable report.

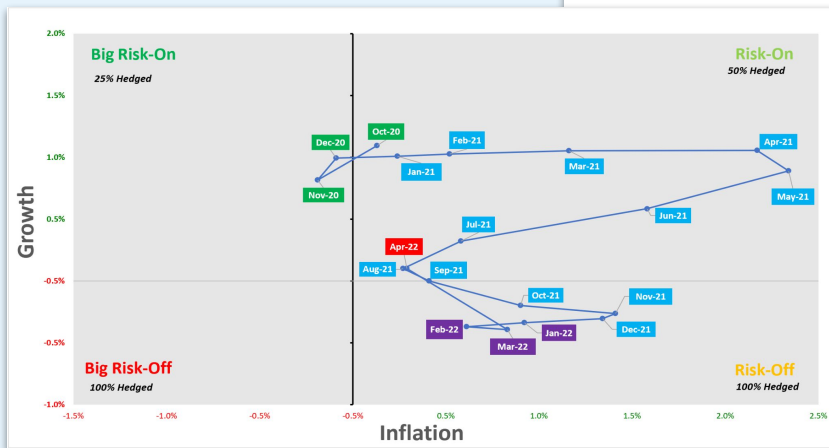
Portfolio Side By Side Comparison w/ Holdings Input
This template provides a side by side comparison between 2 portfolios and generates a clean, printable comparison page.

Sector	20 MA > 50 MA	20 MA Slope	50 MA > 200 MA	50 MA Slope	Above 200 MA	200 MA Slope	Off 52	Rank- This Week	Rank- Last Week	Rank Change	3M RS of NDX	6M RS of NDX	6/7/2022	YTD Returns
Semis							32%	21	23	2	-0.21	-0.16	-11.4%	-30.00%
Benchmark							28%	16	12	-4	0.00	0.00	5.9%	-25.95%
Cyber Security 1							25%	7	11	4	0.16	0.35	3.2%	-15.96%
EV - Big Tech and Autos							33%	22	21	-1	0.08	-0.10	9.3%	-28.36%
OTT							33%	20	18	-2	-0.09	0.11	6.7%	-22.56%
Big Tech							33%	13	16	3	-0.10	-0.17	8.8%	-29.94%
Solar							24%	11	6	-5	0.92	0.78	-0.1%	-7.15%
Clean Tech							37%	18	17	-1	0.13	0.21	6.9%	-19.65%
EVs							33%	12	4	-8	0.72	0.03	-0.2%	-20.06%
Cyber Security 2							38%	5	10	5	-0.24	-0.06	3.4%	-26.37%
Smart Payments							43%	15	20	5	-0.08	-0.09	12.0%	-28.07%
Smart Cars/Taxis							42%	17	19	2	-0.10	-0.27	9.8%	-31.71%
Telehealth							38%	6	5	-1	0.17	-0.05	-0.9%	-26.72%
AI 1							46%	23	22	-1	-0.47	-0.57	11.6%	-39.93%
Cloud - Big Tech							41%	4	9	5	-0.16	-0.25	3.5%	-31.30%
China Tech 2							40%	24	7	-17	0.65	-0.09	1.2%	-27.04%
Cloud - Pure Plays							45%	3	8	5	0.05	-0.31	2.9%	-31.60%
China Tech 1							41%	19	3	-16	1.13	0.28	-2.1%	-18.80%
E-Commerce							49%	10	14	4	-0.15	-0.33	5.4%	-34.21%
Ad Tech/Marketing							50%	14	15	1	-0.32	-0.69	6.2%	-43.21%
Biotech							46%	2	1	-1	0.11	-0.35	-5.5%	-31.17%
Fintech							57%	8	13	5	-0.54	-0.75	9.9%	-41.49%
Genomics							64%	1	2	1	-0.36	-0.79	-3.8%	-43.47%
Crypto Infrastructure							86%	9	24	15	-2.63	-1.91	31.4%	-71.01%

Macro Risk Profile

We have a multi-layered automated risk management strategy.

The first layer is identifying where we are in the macro environment based on the RoC in inflation and economic growth.



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Download YCharts Excel Add-In 4.2

Congratulations! Our records show that you have already downloaded the latest version of the Pro Excel Add-in. If you need to download it again, just click below.

Requirements: Windows only, Excel 2010 or later.

Important: The Excel Add-in is available in two versions: 32-bit and 64-bit. The version you install must match your installation of Office.

How do I know whether I'm running a 32-bit or 64-bit installation of Office? (?)

☒ I'm running a 32-bit version of Office (most common)

☐ I'm running a 64-bit version of Office (only possible with Office 2010 and higher)

[Download Excel Add-In 4.2 \(32-BIT\)](#)

For installation instructions read the [Getting Started Guide](#), or watch the [Installation Tutorial](#).

What's New in this Version

- Add ability for users to list all Model Portfolios available.
- Add ability for users to list all Custom Securities available.
- Various bug fixes.

Q&A

Beth's Top YCharts Tools & Use Cases

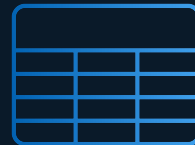
- **Creating visuals** to educate others & simplify complex or dense subject matter
- **Sharing insights or data** through her newsletter to start dialogues
- **Identifying growth tech stocks** that meet certain investment criteria



Charts



Screeners



Data Tables



Thank you!

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