

Market Commentary

De-FAANGed

October 2022

Summary

- The reversal of FAANG stocks' long-term dominance has loomed large over markets this year.
- The FAANG stocks ended October with year-to-date losses of more than \$3.8 trillion in market capitalization—a stupefying amount larger than the gross domestic product of the United Kingdom.
- October returns highlighted the evolving dynamic between big tech and energy stocks, the latter of which have outperformed the former by a ferocious 108% so far this year.
- Equity market prices increasingly appear to be anticipating a recession as fourth-quarter earnings expectations are lowered—and even enter into negative territory.

Overview

October was a great month for risky assets as the S&P 500 Index posted a return of 8.1%. Beneath the surface, the performance between growth and value investing styles was more volatile. The Russell 1000 Value Index, a proxy for large cap value stocks, ended the month up 10.1%, sharply outperforming the Russell 1000 Growth Index, which ended the month up 5.8%. In months with positive equity returns, large cap value stocks rarely outperform growth stocks by more than 4%. (In fact, this has only happened seven times since 2000, and four of those occasions occurred since February 2021).



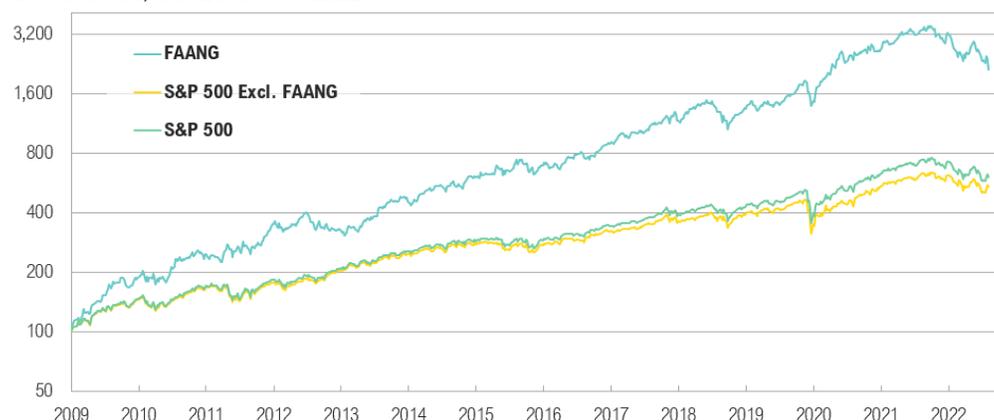
The largest driver for this difference is the outperformance of energy relative to technology and communications services companies. For instance, energy, widely considered a value sector, is outperforming communications services, typically a growth sector, by 108% in

2022. This is the second-widest ten-month differential between any two sectors, going back all the way to 1989. The widest differential between any two sectors in history was also between the energy sector and the communications services sector (with a dispersion of 109%) in May 2022. Year to date, the energy sector, up 68.6%, is the only sector in the S&P 500 that has produced positive returns. In comparison, the technology sector is down more than 26% for the year, and the communications services sector has fallen 39% year to date.

Defanging the FAANGs

The reversal in the long-term market dominance of the FAANG stocks has loomed large over this year's markets. Although the FAANG acronym can now be used to refer to several large high-tech companies, for our purposes, we'll use the classic definition in this commentary and focus on Facebook (now Meta), Amazon, Apple, Netflix, and Google. From the end of the Global Financial Crisis in March 2009 to the peak of the bull market in December 2021, these five companies—the fast-growing darlings of the bull market—generated a total return of approximately 3,424%. Excluding the five FAANG companies, the S&P 500 returned only 529% over the same period—over 117% lower than the return when these companies are included. Due to this substantial and sustained outperformance compared to other equities, by December 2021, the FAANG stocks collectively had grown to account for almost 10% of the U.S. total market capitalization.¹

FAANG Stocks Dramatically Outpaced the Broader Stock Market for Over a Decade
Growth of 100, 3/31/2009 - 11/4/2022



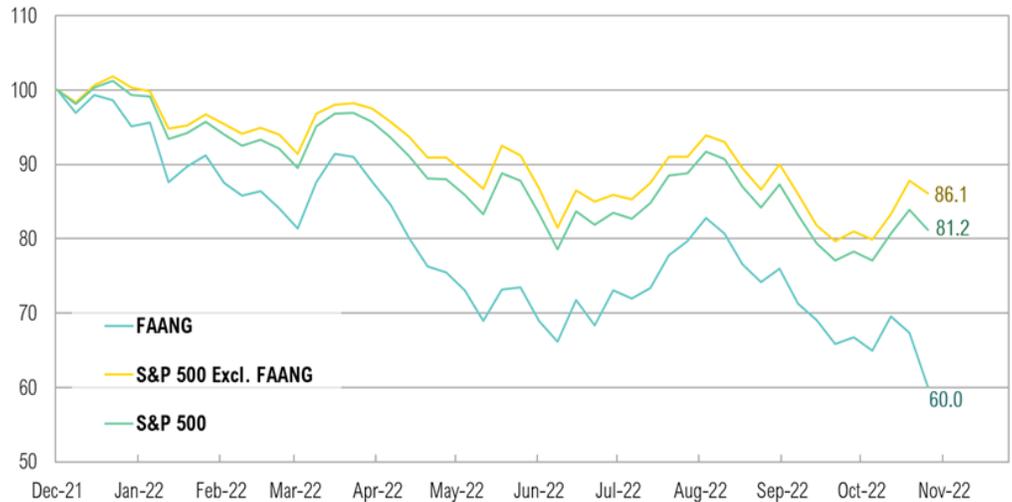
Source: Bloomberg

Yet over the past 12 months, these market darlings have experienced a reversal of fortunes. Since the Nasdaq Composite Index peaked in November 2021, the FAANGs have faced increasing pressure that ultimately led to a quite painful October. For instance, on February 3, Meta lost \$119 billion—an historic wipeout of 26.4%, the largest one-day loss in market capitalization in history for a U.S. company.² Similarly, by the end of October, Amazon was down 50.8% from its peak in July 2021. On April 29 alone, it fell 14%—its worst day since 2006.³ Relatively speaking, Apple has been one of the few tech companies that has weathered the current drawdown, down only 23.7% from its peak in December 2021. On the other hand, Meta is leading the decline, down 72.2% from its peak in September 2021. Netflix is down 62.6% from its November 2021 peak, and Google is down 40.9% from its November 2021 peak. On the heels of their earnings and guidance announcements, the FAANG stocks ended October with year-to-date losses of

more than \$3.8 trillion in market capitalization—a stupefying amount larger than the gross domestic product of the United Kingdom.⁴

FAANG Stocks Have Trailed The S&P 500 by over 21% Since Their December Peak

Growth of 100, 12/10/2021 - 11/4/2022



Source: Bloomberg

A recent whirlwind of poor earnings results took another bite out of FAANG stock prices. In October, Google's parent company, Alphabet, had its worst day since March 2020, dropping more than 9% the day after releasing disappointing third-quarter results.⁵ As of the end of October, the communications services sector has reported an 18.9% decline in earnings growth for the third quarter, the worst year-over-year decline for all the S&P 500 sectors.⁶ In contrast, the energy sector reported a 134% earnings increase on a year-over-year basis—the highest earnings growth of all eleven S&P 500 sectors.⁶ These gains are largely due to elevated oil prices. The average price of oil in the third quarter of 2022 fetched a price of approximately \$91—almost \$20 higher than the same time a year prior.

Also in October, Meta had its worst week since the company became a publicly traded stock in 2012. It fell short of earnings expectations and reported its lowest average revenue per user since 2020.⁷ The day after, Meta's share price dropped 24.6%. The decline in Meta's price-to-earnings (PE) ratio, a very rough proxy for its valuation, has highlighted the astonishing shift in investors' enthusiasm for these companies. In September 2020, the company's PE ratio was 47x. By the end of October, that had fallen to just above 7x. In addition, Meta is facing numerous headwinds, including a widespread slowdown in online advertising spending, foreign currency pressures, and Apple's privacy changes, which are estimated to cost Meta approximately \$10 billion or more in 2022.⁸ Overall, Meta's net income in the third quarter was down 52% to \$4.4 billion. The company's guidance for the fourth quarter was also weak, and expectations point to a second consecutive decline in its year-over-year sales. Fourth-quarter revenue is estimated to be in the range of \$30 - \$32.5 billion, and foreign currency is expected to pose a 7% headwind to total quarter revenue growth.⁹ In early November, Meta also warned of imminent cost cuts and restructuring plans, and it expects to lay off more than 11,000 workers as part of anticipated widespread job cuts.¹⁰

Amazon also reported disappointing results in October, including a negative fourth-quarter sales forecast and a slowdown in its core online retail business following the

pandemic-related boom. The company's share price declined 6.8% the day after reporting earnings. As with many of its FAANG counterparts, Amazon faces a challenging macroeconomic environment, given high inflation, combined with pandemic-weary consumers' return to in-person shopping. Although its net sales increased 15% year over year, the company's operating income decreased to \$2.5 billion in the third quarter, compared to \$4.9 billion in the same quarter the year prior.¹¹ Fourth-quarter guidance for net sales are expected to be between \$140 billion and \$148 billion—or 2% to 8% compared with the fourth quarter of 2021. The guidance anticipates the negative impact of foreign exchange rates on growth. Amazon also reported a hiring freeze that is expected to last for the next few months, citing the unusual macroeconomic environment and broader uncertainty.¹²

Alphabet's subsidiary business experienced similar difficulties. At Google, revenue growth slowed to 6% from 41% the year prior, and YouTube revenue also declined, though Alphabet's cloud revenue increased from \$5 billion in the previous year to almost \$7 billion this year.¹³ Alphabet reported advertising revenue of approximately \$54.4 billion during the last quarter, slightly higher than the prior year's, despite a slowdown in spending on search advertising. To explain these declines, the company has cited the uncertain economic environment, which has caused both consumers and businesses to reassess their spending and budgets.¹³

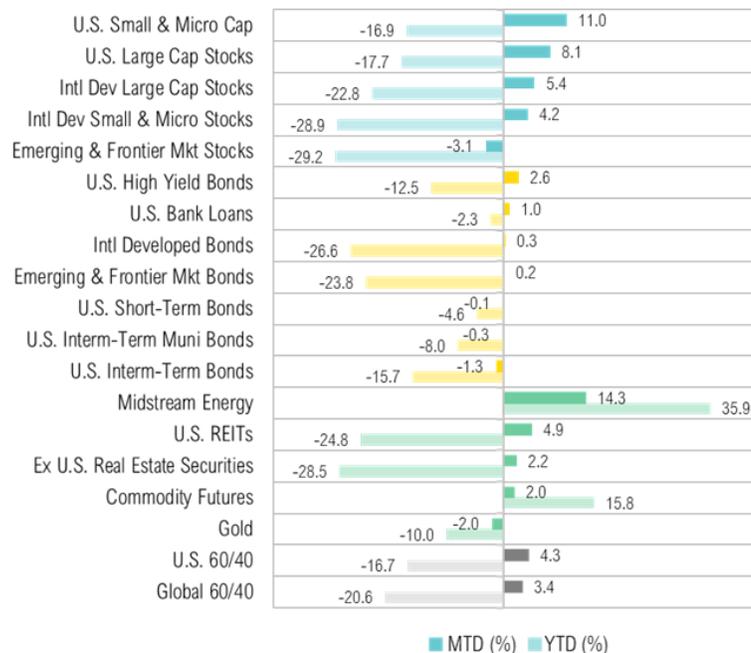
In contrast to its peers, Apple reported positive third-quarter earnings, beating expectations for profit and revenue, and its share price jumped 7.6% the day after its announcement. Apple is one of the few tech companies that has held up in the current drawdown, compared to the rest of the FAANG group, which is down more than 30%. The company's revenue increased to \$90.1 billion—up by 8%—for the last quarter, and CEO Tim Cook cited foreign exchange headwinds hurting revenue growth by 6% for the quarter.¹⁴ Apple withheld from providing official guidance for the next quarter, the biggest sales season of the year, due to uncertainty. In fact, the company has not provided guidance since 2020. Despite this, CFO Luca Maestri did offer some directional insight. During the past quarter, Mac sales increased by 25%, but Maestri does not expect this trend to continue throughout the next quarter. While services reported just under 5% quarterly growth, the company expects this growth will also slow due to macroeconomic headwinds.¹⁵ Like other big tech companies, Apple recently announced a hiring freeze ahead of its results report at the end of October. Apple is escalating an existing plan to reduce budgets as macroeconomic uncertainties cloud the industry.¹⁶

Netflix is the only other member of FAANG that produced positive earnings results in the third quarter, and its share price jumped 13.1% the day after its earnings announcement. During the third quarter, the company's consumer-centric approach was resoundingly validated. It added nearly 2.4 million customers over the quarter and projects it will add another 4.5 million in the fourth quarter. CFO Spencer Neumann emphasized that the "FX drag" has hurt earnings and international revenue, which constitute 60% of its top line.¹⁷ Yet despite the negative impacts of a strong dollar, Netflix still provided positive guidance for the coming quarter. The company anticipates revenue of approximately \$7.8 billion, as well as a significant increase in users. In partnership with Microsoft, Netflix will soon launch a new, cheaper, ad-based subscription option. The company has also set its sights on eliminating any factors that could slow its growth, including account sharing and competition from other streaming platforms, and is emphasizing content creation and expanding choices for users (from subscription plans to content purchasing).¹⁷

Markets

Several key asset classes enjoyed positive results in October. Small cap stocks (as proxied by the Russell 2000) rose 11%, while the S&P 500 posted an 8.1% return for October—the first positive gains since July. Midstream energy was the top performing sector for the month, rising 14.3%. Year to date, midstream energy has returned 35.9%, one of the only asset classes to post positive returns this year. International equities underperformed compared to their U.S. counterparts. The MSCI EAFE Index was up 5.4%, and the MSCI Emerging Markets Index declined 3.1%. Most of this underperformance was due to the continued strength of the U.S. dollar, but a global slowdown in economic growth also played an important role. Year to date, the MSCI Emerging Markets Index declined almost 30%.

October Key Market Total Returns



Source: Bloomberg

The Bank of Japan spent a record \$43 billion (¥6.35 trillion) in October as part of an historical intervention to bolster the yen after it sank to a 32-year low against the U.S. dollar.¹⁸ The Bank of Japan is steadfastly sticking to its dovish monetary policy and is the only major economy that is still maintaining a zero-interest-rate policy while the rest of the world's central banks ramp up their rate hikes.¹⁹ Japan's Nikkei Index rose 6.4% in October due to positive earnings expectations, the reopening of the economy, loosening of travel restrictions for tourists, and the weaker yen. The United Kingdom continues to face several challenges, ranging from energy price struggles to the market turmoil left behind by ex-Prime Minister Liz Truss. Inflation in the U.K. is at a 40-year high of 10.1%, and the Bank of England announced its biggest rate hike in over three decades in early November after needing to step into the market recently to stem a sovereign debt crisis.²⁰ U.K. markets ended October up 5.4% and are down 3% year-to-date.

The Bloomberg U.S. Aggregate Index dropped 1.3% in October. The 10-year minus 2-year Treasury yield (a common indicator of economic growth and general representation of the shape of the Treasury yield curve) remains inverted, briefly jumping from -39 basis point to -25 basis points towards the end of October, but it dropped back down to -41 basis points by the end of the month. After the Federal Open Market Committee (FOMC)

Monetary Policy meeting in early November, the Treasury yield curve inversion dropped to -51 basis points.²¹ Emerging market bonds and developed market bonds saw little movement throughout the month, up 0.2% and 0.3% respectively.

Looking Forward

Prior to October, earnings expectations for 2023 hadn't dropped significantly, which seemed at odds with the Treasury curve that strongly indicated an impending recession. Recently, however, earnings expectations have started to shift. In January, the S&P 500 was expected to generate operating earnings of \$241 per share. Those expectations rose to \$249/share by June, but have since declined to \$237. While hardly dire, October's announcements indicate significantly lower earnings expectations for U.S. companies. As recently as June, fourth-quarter earnings were projected to grow 9% on a year-over-year basis.²² By the end of September, those expectations had dropped to 4.5%, and by the end of October, they were down to -1%.²²

When exactly earnings hit their low point is critical for anticipating the next phase of the market cycle because earnings growth—or lack thereof—goes a long way in determining whether stocks are cheap, fairly valued, or overvalued. The recent declines in FAANG company earnings and their resulting stock price drops have been harsh reminders of this fact. Given that the U.S. Treasury yield curve has remained inverted since July, which strongly suggests a recession, we would like to see a little more of a bite out of earnings—across all sectors—before we will assume the worst is behind us.

Performance Disclosures

All market pricing and performance data from Bloomberg, unless otherwise cited. Asset class and sector performance are gross of fees unless otherwise indicated.

Citations

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Asset Class Definitions

Asset class performance was measured using the following benchmarks: U.S. Large Cap Stocks: S&P 500 TR Index; U.S. Small & Micro Cap: Russell 2000 TR Index; Intl Dev Large Cap Stocks: MSCI EAFE GR Index; Emerging & Frontier Market Stocks: MSCI Emerging Markets GR Index; U.S. Interm-Term Muni Bonds: Bloomberg Barclays 1-10 (1-12 Yr) Muni Bond TR Index; U.S. Interm-Term Bonds: Bloomberg Barclays U.S. Aggregate Bond TR Index; U.S. High Yield Bonds: Bloomberg Barclays U.S. Corporate High Yield TR Index; U.S. Bank Loans: S&P/LSTA U.S. Leveraged Loan Index; Intl Developed Bonds: Bloomberg Barclays Global Aggregate ex-U.S. Index; Emerging & Frontier Market Bonds: JPMorgan EMBI Global Diversified TR Index; U.S. REITs: MSCI U.S. REIT GR Index, Ex U.S. Real Estate Securities: S&P Global Ex-U.S. Property TR Index; Commodity Futures: Bloomberg Commodity TR Index; Midstream Energy: Alerian MLP TR Index; Gold: LBMA Gold Price, U.S. 60/40: 60% S&P 500 TR Index; 40% Bloomberg Barclays U.S. Aggregate Bond TR Index; Global 60/40: 60% MSCI ACWI GR Index; 40% Bloomberg Barclays Global Aggregate Bond TR Index.

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