

Academic Research Team Lithari Evgenia Eleni Mpithas Dimitris Papagiannopoulos Ioannis

Key Statistics (USD)			
Price	148.03		
Market Cap	2.355 T		
Enterprise Value	2.43 T		
PEG Ratio (5 yr. expected)	2.87		
52 weeks high	182.94		
52 weeks low	129.04		
Beta (5Y-monthly)	1.25		
Dividend yield %	0.65%		
EPS (TTM)	6.11		
1-Yr Stock performance	-10.16%		

Growth Rates	Company	3-Yr Avg
Revenues	7.79%	15.52%
Earnings	8.89%	30.17%
Free Cash Flow	23.85%	29.23%

Margins	Company	3-Yr Avg
Gross Profit Margin	43.31%	41.11%
Operating Margin	30.3%	28.07%
Net Profit Margin	25.31%	24.04%

Key Ratios	Company	3-Yr Avg
Current Ratio	0.88	-
Total Ratio	1.16	-
Financial Leverage	6.96%	5.83%
ROE	196.96%	144.97%
ROA	33.94%	28.75%
ROIC	47.26%	47.42%

Valuation Metrics	Company	3-Yr Avg
Price to Sales	5.72x	6.55x
Price to Earnings	22.61x	27.72x
Price to Free Cash Flow	18.47x	22.19x
Price to Book Value	44.53x	37.81x

## Firm's Brief Description.

Apple Inc. (Apple) designs, manufactures and markets smartphones, personal computers, tablets, wearables and accessories and sells a range of related services. The Company's products include iPhone, Mac, iPad, AirPods, Apple TV, Apple Watch, Beats products, HomePod, iPod touch and accessories. The Company operates various platforms, including the App Store, which allows customers to discover and download applications and digital content, such as books, music, video, games and podcasts. Apple offers digital content through subscription-based services, including Apple Arcade, Apple Music, Apple News+, Apple TV+ and Apple Fitness+. Apple also offers a range of other services, such as AppleCare, iCloud, Apple Card and Apple Pay. Apple sells its products and resells third-party products in a range of markets, including directly to consumers, small and midsized businesses, and education, enterprise and government customers through its retail and online stores and its direct sales force.

### **Sector Overview**

- The annual inflation rate in the United States slowed for the fourth month in a row in October, to 7.7%, the lowest since January and well below forecasts of 8%.
- NASDAQ Global Select Market Composite is showing a bearish formation during 2022.
- From 2021 to 2027, the global Electronic Computer Manufacturing market will expand at a 1.7% CAGR.

## **Fundamental Analysis**

Apple is showing decent growth and strong profitability, but there are some major concerns about its financial health. This year Apple's ROA is 33.94 and is better than the average ROA of the last 3 years. In addition, it has a return on equity of 196.96%, which outperforms 100% of its peers in the industry with an average ROE of 8.59%. In addition, the company shows a slight year-over-year revenue growth of 7.79%. Earnings per share shows a slight year-over-year increase of 8.89%. The Current Ratio of 0.88 indicates that Apple is not well covered financially and could expect problems in meeting its short-term obligations. Compared to the industry average total asset ratio of 1.16, Apple is in a worse position to pay its short-term obligations than its industry counterparts. Moreover, with an annual dividend of 0.65%, AAPL is not a good candidate for dividend investing. Finally, with a price-to-earnings ratio of 22.61 and a price-to-book ratio of 44.53, it is fairly valued.

Target Price (1 year forward): 176.50\$



# **Apple Inc., Dec 1, 2022**

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