

Amphenol

APH estimates conservative; PO raised to \$90

Reiterate Rating: BUY | PO: 90.00 USD | Price: 81.05 USD

Best-in-class operations despite portfolio under pressure

Amphenol (APH) has delivered strong execution in recent quarters despite some communications-related markets like cloud, data center, and devices seeing weakness. The company's strong entrepreneurial culture remains a competitive advantage. F1Q margin performance was strong, even in down markets. Mgmt guided F2Q expecting most segments flat to modest increases with double-digit declines in Mobile devices and networks. We raise our PO to \$90 from \$82 on 28x C24 EPS of \$3.19 (prior 27x) given higher confidence in organic growth. We reiterate our Buy rating given strong execution and stable margins despite various macroeconomic and FX pressures.

Green shoots in China EV market after incentives renewed

After the national EV (electric vehicle) subsidies expired at the end of 2022, China saw EV sales decline 20% during the first two months of 2023 according to data from the China Passenger Car Association (CPCA). Auto sales have increased MoM since Beijing renewed the expired subsidies, with May seeing the largest increase at 6.9% MoM. Commentary from companies suggests that China trends remain stable to better, and we again expect APH to outgrow the broader demand environment in China. We expect Amphenol to also benefit from demand from AI, which is driving higher need for high-speed connectivity in the data center (APH offers both optical and copper-based products).

Mobile devices segment bottoming out in 2Q

We think APH's mobile devices segment is bottoming out. APH's guidance for F2Q was a mid-teens decline q/q after seeing a 31% decline q/q in F1Q. The PC market remains challenged for 2023, but trends are improving q/q through the end of the year. We model APH mobile devices revenue to rebound q/q in F3Q, benefitting from new product launch timing (phones), a resurgence of Huawei devices and from improving tablets/notebooks.

Growth rates conservative beyond 2023, PO moves to \$90

Our estimates for APH growth rates post-2023 remain above Street ests and we expect a combination of organic growth and M&A to drive consensus estimates higher. We also expect continued strong performance on incremental margins.

Estimates (Dec) (US\$)	2021A	2022A	2023E	2024E	2025E
EPS	2.47	3.01	2.93	3.19	3.49
GAAP EPS	2.51	3.07	2.95	3.19	3.49
EPS Change (YoY)	32.1%	21.9%	-2.7%	8.9%	9.4%
Consensus EPS (Bloomberg)			2.89	3.18	3.41
DPS	0.58	0.81	0.84	0.84	0.84
Valuation (Dec)					
P/E	32.8x	26.9x	27.7x	25.4x	23.2x
GAAP P/E	32.3x	26.4x	27.5x	25.4x	23.2x
Dividend Yield	0.7%	1.0%	1.0%	1.0%	1.0%
EV/EBITDA*	19.8x	17.0x	17.2x	16.1x	14.9x
Free Cash Flow Yield*	2.3%	3.6%	3.9%	3.5%	3.6%
* For full definitions of <i>iQ</i> method ^{5M} measures, see page 4.					

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Refer to important disclosures on page 4 to 7. Analyst Certification on page 3. Price Objective Basis/Risk on page 3.

Timestamp: 23 June 2023 12:30AM EDT

23 June 2023

Equity

Key Changes		
(US\$)	Previous	Current
Price Obj.	82.00	90.00
Price Obj.	82.00	90.00

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Stock Data

81.05 USD Price Objective 90.00 USD 22-Jun-2023 Date Established Investment Opinion B-1-7 52-Week Range 61.78 USD - 82.86 USD Mrkt Val (mn) / Shares Out 48,251 USD / 595.3 259.19 USD Average Daily Value (mn) BofA Ticker / Exchange APH / NYS Bloomberg / Reuters APH US / APH.N ROE (2023E) 24 0% Net Dbt to Eqty (Dec-2022A) 45.2% ESGMeter™

ESGMeter is not indicative of a company's future stock price performance and is not an investment recommendation or rating. ESGMeter is independent of BofA Global Research's equity investment rating, volatility risk rating, income rating, and price objective for that company. For full details, refer to "BofA ESGMeter Methodology".

iQprofile[™] Amphenol

(US\$ Millions)	2021A	2022A	2023E	2024E	2025
Return on Capital Employed	14.6%	15.8%	14.6%	14.7%	14.89
Return on Equity	26.2%	27.7%	24.0%	23.2%	22.59
Operating Margin	20.2%	20.7%	20.4%	20.5%	20.59
Free Cash Flow	1,131	1,740	1,888	1.688	1,71
rice cash low	1,131	1,7-10	1,000	1,000	1,7 1
Q method [™] – Quality of Earnings*					
(US\$ Millions)	2021A	2022A	2023E	2024E	2025
Cash Realization Ratio	1.0x	1.1x	1.3x	1.1x	1.0
Asset Replacement Ratio	0.9x	1.0x	0.9x	0.9x	0.9
Tax Rate	24.3%	24.4%	24.0%	24.0%	24.0
Net Debt-to-Equity Ratio	56.5%	45.2%	31.6%	21.5%	12.7
Interest Cover	18.8x	20.3x	17.6x	18.8x	20.3
Income Statement Data (Dec)					
(US\$ Millions)	2021A	2022A	2023E	2024E	202
Sales	10,876	12,623	12,335	13,212	14,15
% Change	26.5%	16.1%	-2.3%	7.1%	7.2
Gross Profit	3,402	4,028	3,928	4,192	4,4
% Change	27.7%	18.4%	-2.5%	6.7%	7.2
EBITDA	2,571	3.000	2,952	3,170	3,4
% Change	31.3%	16.7%	-1.6%	7.4%	7.4
Net Interest & Other Income	(116)	(119)	(127)	(127)	(12
		()	(/	(/	
Net Income (Adjusted)	1,548	1,866	1,805	1,942	
% Change	1,548 34.4%	1,866 20.6%	1,805 -3.3%	1,942 7.6%	2,09 8.1
% Change Free Cash Flow Data (Dec)	34.4%	20.6%	-3.3%	7.6%	8.1
% Change Free Cash Flow Data (Dec) (US\$ Millions)	34.4% 2021A	20.6% 2022A	-3.3% 2023E	7.6% 2024E	8.1 202
% Change Free Cash Flow Data (Dec) US\$ Millions) Net Income from Cont Operations (GAAP)	34.4% 2021A 1,548	20.6% 2022A 1,866	-3.3% 2023E 1,805	7.6% 2024E 1,942	202 2,0
% Change Free Cash Flow Data (Dec) US\$ Millions) Net Income from Cont Operations (GAAP) Depreciation & Amortization	2021A 1,548 396	20.6% 2022A 1,866 393	-3.3% 2023E 1,805 431	7.6% 2024E 1,942 468	202 2,0
% Change Free Cash Flow Data (Dec) US\$ Millions) Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital	2021A 1,548 396 (497)	20.6% 2022A 1,866 393 (193)	2023E 1,805 431 32	7.6% 2024E 1,942 468 (309)	202 2,0 4 (43
% Change Free Cash Flow Data (Dec) US\$ Millions) Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital Deferred Taxation Charge	2021A 1,548 396 (497) NA	20.6% 2022A 1,866 393 (193) NA	-3.3% 2023E 1,805 431 32 NA	7.6% 2024E 1,942 468 (309) NA	202 2,0 4 (43
% Change Free Cash Flow Data (Dec) US\$ Millions) Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net	2021A 1,548 396 (497) NA 45	20.6% 2022A 1,866 393 (193) NA 58	-3.3% 2023E 1,805 431 32 NA 17	7.6% 2024E 1,942 468 (309) NA 0	202 2,0 4 (43
% Change Free Cash Flow Data (Dec) US\$ Millions) Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net Capital Expenditure	2021A 1,548 396 (497) NA 45 (360)	20.6% 2022A 1,866 393 (193) NA 58 (384)	-3.3% 2023E 1,805 431 32 NA 17 (398)	7.6% 2024E 1,942 468 (309) NA 0 (413)	202 2,0 4 (43
% Change Free Cash Flow Data (Dec) US\$ Millions) Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net	2021A 1,548 396 (497) NA 45	20.6% 2022A 1,866 393 (193) NA 58	-3.3% 2023E 1,805 431 32 NA 17	7.6% 2024E 1,942 468 (309) NA 0	202 2,0 4 (43 1 (44 1,7
% Change Free Cash Flow Data (Dec) US\$ Millions) Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net Capital Expenditure Free Cash Flow % Change	2021A 1,548 396 (497) NA 45 (360) 1,131	20.6% 2022A 1,866 393 (193) NA 58 (384) 1,740	-3.3% 2023E 1,805 431 32 NA 17 (398) 1,888	7.6% 2024E 1,942 468 (309) NA 0 (413) 1,688	8.1
% Change Free Cash Flow Data (Dec) US\$ Millions) Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net Capital Expenditure Free Cash Flow % Change Balance Sheet Data (Dec)	2021A 1,548 396 (497) NA 45 (360) 1,131 - 9.8%	20.6% 2022A 1,866 393 (193) NA 58 (384) 1,740 53.9%	-3.3% 2023E 1,805 431 32 NA 17 (398) 1,888 8.5%	7.6% 2024E 1,942 468 (309) NA 0 (413) 1,688 -10.6%	202 2,0 4 (43 1 (44 1,7
% Change Free Cash Flow Data (Dec) US\$ Millions) Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net Capital Expenditure Free Cash Flow % Change Balance Sheet Data (Dec) US\$ Millions)	2021A 1,548 396 (497) NA 45 (360) 1,131 -9.8%	20.6% 2022A 1,866 393 (193) NA 58 (384) 1,740 53.9%	-3.3% 2023E 1,805 431 32 NA 17 (398) 1,888 8.5%	7.6% 2024E 1,942 468 (309) NA 0 (413) 1,688 -10.6%	202 2,0 4 (43 1 (44 1,7 1.7
% Change Free Cash Flow Data (Dec) US\$ Millions) Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net Capital Expenditure Free Cash Flow % Change Balance Sheet Data (Dec) US\$ Millions) Cash & Equivalents	2021A 1,548 396 (497) NA 45 (360) 1,131 -9.8% 2021A 1,197	20.6% 2022A 1,866 393 (193) NA 58 (384) 1,740 53.9% 2022A 1,373	-3.3% 2023E 1,805 431 32 NA 17 (398) 1,888 8.5% 2023E 2,049	7.6% 2024E 1,942 468 (309) NA 0 (413) 1,688 -10.6% 2024E 2,665	202 2,0 4 (43 1 (44 1,7 1.7
% Change Free Cash Flow Data (Dec) US\$ Millions) Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net Capital Expenditure Free Cash Flow % Change Balance Sheet Data (Dec) US\$ Millions)	2021A 1,548 396 (497) NA 45 (360) 1,131 -9.8% 2021A 1,197 2,455	20.6% 2022A 1,866 393 (193) NA 58 (384) 1,740 53.9% 2022A 1,373 2,631	-3.3% 2023E 1,805 431 32 NA 17 (398) 1,888 8.5% 2023E 2,049 2,416	7.6% 2024E 1,942 468 (309) NA 0 (413) 1,688 -10.6% 2024E 2,665 2,570	202 2,0 4 (43 1 (44 1,7 1.7 202 3,3 2,6
% Change Free Cash Flow Data (Dec) US\$ Millions) Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net Capital Expenditure Free Cash Flow % Change Balance Sheet Data (Dec) US\$ Millions) Cash & Equivalents Trade Receivables Other Current Assets	2021A 1,548 396 (497) NA 45 (360) 1,131 -9.8% 2021A 1,197 2,455 2,306	20.6% 2022A 1,866 393 (193) NA 58 (384) 1,740 53.9% 2022A 1,373 2,631 2,475	-3.3% 2023E 1,805 431 32 NA 17 (398) 1,888 8.5% 2023E 2,049 2,416 2,544	7.6% 2024E 1,942 468 (309) NA 0 (413) 1,688 -10.6% 2024E 2,665 2,570 2,749	202 2,0 4 (43 1,7 1.7 202 3,3 2,6 3,1
% Change Free Cash Flow Data (Dec) US\$ Millions) Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net Capital Expenditure Free Cash Flow % Change Balance Sheet Data (Dec) US\$ Millions) Cash & Equivalents Trade Receivables Other Current Assets Property, Plant & Equipment	2021A 1,548 396 (497) NA 45 (360) 1,131 -9.8% 2021A 1,197 2,455 2,306 1,175	20.6% 2022A 1,866 393 (193) NA 58 (384) 1,740 53.9% 2022A 1,373 2,631 2,475 1,204	-3.3% 2023E 1,805 431 32 NA 17 (398) 1,888 8.5% 2023E 2,049 2,416 2,544 1,209	7.6% 2024E 1,942 468 (309) NA 0 (413) 1,688 -10.6% 2024E 2,665 2,570 2,749 1,154	202 2,0 4 (43 1,7 1.7 202 3,3 2,6 3,1 1,1
% Change Free Cash Flow Data (Dec) US\$ Millions) Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net Capital Expenditure Free Cash Flow % Change Balance Sheet Data (Dec) US\$ Millions) Cash & Equivalents Trade Receivables Other Current Assets	2021A 1,548 396 (497) NA 45 (360) 1,131 -9.8% 2021A 1,197 2,455 2,306	20.6% 2022A 1,866 393 (193) NA 58 (384) 1,740 53.9% 2022A 1,373 2,631 2,475	-3.3% 2023E 1,805 431 32 NA 17 (398) 1,888 8.5% 2023E 2,049 2,416 2,544 1,209 7,744	7.6% 2024E 1,942 468 (309) NA 0 (413) 1,688 -10.6% 2024E 2,665 2,570 2,749	202 2,0 4 (43 1,7 1.7 202 3,3 2,6 3,1 1,1 7,7
% Change Free Cash Flow Data (Dec) US\$ Millions) Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net Capital Expenditure Free Cash Flow % Change Balance Sheet Data (Dec) US\$ Millions) Cash & Equivalents Trade Receivables Other Current Assets Property, Plant & Equipment Other Non-Current Assets Total Assets	2021A 1,548 396 (497) NA 45 (360) 1,131 -9.8% 2021A 1,197 2,455 2,306 1,175 7,545	20.6% 2022A 1,866 393 (193) NA 58 (384) 1,740 53.9% 2022A 1,373 2,631 2,475 1,204 7,643	-3.3% 2023E 1,805 431 32 NA 17 (398) 1,888 8.5% 2023E 2,049 2,416 2,544 1,209	7.6% 2024E 1,942 468 (309) NA 0 (413) 1,688 -10.6% 2024E 2,665 2,570 2,749 1,154 7,744	202 2,0 4 (43 1,7 1.7 202 3,3 2,6 3,1 1,1
% Change Free Cash Flow Data (Dec) US\$ Millions) Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net Capital Expenditure Free Cash Flow % Change Balance Sheet Data (Dec) US\$ Millions) Cash & Equivalents Trade Receivables Other Current Assets Property, Plant & Equipment Other Non-Current Assets Total Assets Short-Term Debt	34.4% 2021A 1,548 396 (497) NA 45 (360) 1,131 -9.8% 2021A 1,197 2,455 2,306 1,175 7,545 14,678 4	20.6% 2022A 1,866 393 (193) NA 58 (384) 1,740 53.9% 2022A 1,373 2,631 2,475 1,204 7,643 15,326 3	-3.3% 2023E 1,805 431 32 NA 17 (398) 1,888 8.5% 2023E 2,049 2,416 2,544 1,209 7,744 15,961 3	7.6% 2024E 1,942 468 (309) NA 0 (413) 1,688 -10.6% 2024E 2,665 2,570 2,749 1,154 7,744 16,881 3	202 2,0 4 (4 ³ 1,7' 1.7 202 3,3 2,6 3,1 1,1 7,7 17,90
% Change Free Cash Flow Data (Dec) US\$ Millions) Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net Capital Expenditure Free Cash Flow % Change Balance Sheet Data (Dec) US\$ Millions) Cash & Equivalents Trade Receivables Other Current Assets Property, Plant & Equipment Other Non-Current Assets Total Assets Short-Term Debt Other Current Liabilities	34.4% 2021A 1,548 396 (497) NA 45 (360) 1,131 -9.8% 2021A 1,197 2,455 2,306 1,175 7,545 14,678 4 2,443	20.6% 2022A 1,866 393 (193) NA 58 (384) 1,740 53.9% 2022A 1,373 2,631 2,475 1,204 7,643 15,326 3 2,673	-3.3% 2023E 1,805 431 32 NA 17 (398) 1,888 8.5% 2023E 2,049 2,416 2,544 1,209 7,744 15,961 3 2,436	7.6% 2024E 1,942 468 (309) NA 0 (413) 1,688 -10.6% 2024E 2,665 2,570 2,749 1,154 7,744 16,881 3 2,486	202 2,0 4 (43 1,7 1.7 202 3,3 2,6 3,1 1,1 7,7 17,90
% Change Free Cash Flow Data (Dec) (US\$ Millions) Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net Capital Expenditure Free Cash Flow % Change Balance Sheet Data (Dec) (US\$ Millions) Cash & Equivalents Trade Receivables Other Current Assets Property, Plant & Equipment Other Non-Current Assets Total Assets Short-Term Debt Other Current Debt Other Current Debt	34.4% 2021A 1,548 396 (497) NA 45 (360) 1,131 -9.8% 2021A 1,197 2,455 2,306 1,175 7,545 14,678 4 2,443 4,796	20.6% 2022A 1,866 393 (193) NA 58 (384) 1,740 53.9% 2022A 1,373 2,631 2,475 1,204 7,643 15,326 3 2,673 4,575	-3.3% 2023E 1,805 431 32 NA 17 (398) 1,888 8.5% 2023E 2,049 2,416 2,544 1,209 7,744 15,961 3 2,436 4,561	7.6% 2024E 1,942 468 (309) NA 0 (413) 1,688 -10.6% 2024E 2,665 2,570 2,749 1,154 7,744 16,881 3 2,486 4,561	202 2,0 4 (4 ² 1,7' 1.7 202 3,3 2,6 3,1 1,1 7,7 17,90
% Change Free Cash Flow Data (Dec) (US\$ Millions) Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net Capital Expenditure Free Cash Flow % Change Balance Sheet Data (Dec) (US\$ Millions) Cash & Equivalents Trade Receivables Other Current Assets Property, Plant & Equipment Other Non-Current Assets Short-Term Debt Other Current Liabilities Long-Term Debt Other Non-Current Liabilities	34.4% 2021A 1,548 396 (497) NA 45 (360) 1,131 -9.8% 2021A 1,197 2,455 2,306 1,175 7,545 14,678 4 2,443 4,796 1,056	20.6% 2022A 1,866 393 (193) NA 58 (384) 1,740 53.9% 2022A 1,373 2,631 2,475 1,204 7,643 15,326 3 2,673 4,575 981	-3.3% 2023E 1,805 431 32 NA 17 (398) 1,888 8.5% 2023E 2,049 2,416 2,544 1,209 7,744 15,961 3 2,436 4,561 1,008	7.6% 2024E 1,942 468 (309) NA 0 (413) 1,688 -10.6% 2024E 2,665 2,570 2,749 1,154 7,744 16,881 3 2,486 4,561 1,008	202 2,0 4 (43 1,7 1.7 202 3,3 2,6 6 3,1 1,1 7,7 17,90 2,5 4,5
% Change Free Cash Flow Data (Dec) (US\$ Millions) Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net Capital Expenditure Free Cash Flow % Change Balance Sheet Data (Dec) (US\$ Millions) Cash & Equivalents Trade Receivables Other Current Assets Property, Plant & Equipment Other Non-Current Assets Total Assets Short-Term Debt Other Current Debt Other Current Debt	34.4% 2021A 1,548 396 (497) NA 45 (360) 1,131 -9.8% 2021A 1,197 2,455 2,306 1,175 7,545 14,678 4 2,443 4,796	20.6% 2022A 1,866 393 (193) NA 58 (384) 1,740 53.9% 2022A 1,373 2,631 2,475 1,204 7,643 15,326 3 2,673 4,575	-3.3% 2023E 1,805 431 32 NA 17 (398) 1,888 8.5% 2023E 2,049 2,416 2,544 1,209 7,744 15,961 3 2,436 4,561	7.6% 2024E 1,942 468 (309) NA 0 (413) 1,688 -10.6% 2024E 2,665 2,570 2,749 1,154 7,744 16,881 3 2,486 4,561	202 2,0 4 (42 1,7 1.7 202 3,3 2,6 3,1 1,1 7,7 17,90 2,5 4,5

Company Sector

Connectors, Passive Components & Distribution

Company Description

Amphenol (APH) is the world's second-largest maker of electronic and electrical connectors. APH is the world's leader in high-performance environmental connectors (mainly for military and commercial aircraft). APH has expanded its communications offering to include interconnect products for handsets and communications infrastructure. APH is the world's second-largest producer of coaxial cable used in the cable television (CATV) industry.

Investment Rationale

Amphenol is a leader in the connector industry with a track record of consistent execution, high ROIC and operating margins (20%+) that approaches the low end of software companies despite very conservative accounting standards. We expect strong organic growth over the next few years, primarily driven by high-single to low-double-digit growth in Auto and Industrial, augmented by M&A and subsequent operating leverage.

Stock Data		

Average Daily Volume 3,197,962

Quarterly Earnings Estimates

	2022	2023
Q1	0.67A	0.69A
Q2	0.75A	0.68E
Q3	0.80A	0.76E
04	0.78Δ	0.80F

Price objective basis & risk

Amphenol (APH)

Our \$90 PO for the shares of APH assumes the stock trades to 28x our C2024E EPS. A 28x multiple compares to the historical range of 17x to 29x, with the average being 21x. In our opinion, APH deserves a premium multiple relative to peers given its very conservative accounting. We think the company should continue to generate cash flow from operations (by targeting L/T incremental margins of 25% or more) on a consistent basis that it could use for further acquisitions, debt pay down, or to repurchase stock. Without completing any acquisitions, we believe debt would continue to decline as a percentage of capital.

Downside risks to achieving our PO are a slower recovery of end markets (although APH's diverse customer base and product set provides an offset), slower military spending , and slower recovery in the demand for high-end information technology. Raw materials also remain a risk as APH consumes a significant amount of gold, copper and resin.

Analyst Certification

I, Wamsi Mohan, hereby certify that the views expressed in this research report accurately reflect my personal views about the subject securities and issuers. I also certify that no part of my compensation was, is, or will be, directly or indirectly, related to the specific recommendations or view expressed in this research report.

US - IT Hardware and Technology Supply Chain Coverage Cluster

Investment rating	Company	Bof A Ticker	Bloomberg symbol	Analyst
BUY				
	Amphenol	APH	APH US	Wamsi Mohan
	Concentrix Corporation	CNXC	CNXC US	Ruplu Bhattacharya
	Corning Inc.	GLW	GLW US	Wamsi Mohan
	Dell Technologies Inc.	DELL	DELL US	Wamsi Mohan
	DigitalOcean	DOCN	DOCN US	Wamsi Mohan
	Flex Ltd.	FLEX	FLEX US	Ruplu Bhattacharya
	International Business Machines Corp.	IBM	IBM US	Wamsi Mohan
	Jabil Inc.	JBL	JBL US	Ruplu Bhattacharya
	Roku, Inc.	ROKU	ROKU US	Ruplu Bhattacharya
	Seagate Technology	STX	STX US	Wamsi Mohan
	Sensata Technologies Holdings Plc	ST	ST US	Wamsi Mohan
	TD Synnex Corp	SNX	SNX US	Ruplu Bhattacharya
	TE Connectivity Ltd.	TEL	TEL US	Wamsi Mohan
	Teradata Corporation	TDC	TDC US	Wamsi Mohan
	Vizio	VZIO	VZIO US	Wamsi Mohan
	Western Digital Corporation	WDC	WDC US	Wamsi Mohan
NEUTRAL				
120.1012	Apple Inc.	AAPL	AAPL US	Wamsi Mohan
	Arrow Electronics Inc.	ARW	ARW US	Ruplu Bhattacharya
	Avnet Inc.	AVT	AVT US	Ruplu Bhattacharya
	CDW Corp	CDW	CDW US	Ruplu Bhattacharya
	Hewlett-Packard Enterprise	HPE	HPE US	Wamsi Mohan
	Nutanix Inc	NTNX	NTNX US	Wamsi Mohan
	Pure Storage	PSTG	PSTG US	Wamsi Mohan
UNDERPERFORM		. 2. 0		
UNDERPERFURM	HP Inc.	HPO	HPQ US	Wamsi Mohan
		1 11 Q	111 Q 03	Trains World



US - IT Hardware and Technology Supply Chain Coverage Cluster

Investment rating	Company	Bof A Ticker	Bloomberg symbol	Analyst
	NetApp Inc.	NTAP	NTAP US	Wamsi Mohan
	Vishay Intertechnology, Inc.	VSH	VSH US	Ruplu Bhattacharya
RVW				
	Latch Inc.	LTCH	LTCH US	Wamsi Mohan

Pmethod ^{su} Measures Definitions

Business Performance	Numerator	Denominator
Return On Capital Employed	NOPAT = (EBIT + Interest Income) \times (1 – Tax Rate) + Goodwill Amortization	Total Assets — Current Liabilities + ST Debt + Accumulated Goodwill Amortization
Return On Equity	Net Income	Shareholders' Equity
Operating Margin	Operating Profit	Sales
Earnings Growth	Expected 5 Year CAGR From Latest Actual	N/A
Free Cash Flow	Cash Flow From Operations – Total Capex	N/A
Quality of Earnings	Numerator	Denominator
Cash Realization Ratio	Cash Flow From Operations	Net Income
Asset Replacement Ratio	Capex	Depreciation
Tax Rate	Tax Charge	Pre-Tax Income
Net Debt-To-Equity Ratio	Net Debt = Total Debt — Cash & Equivalents	Total Equity
Interest Cover	EBIT	Interest Expense
Valuation Toolkit	Numerator	Denominator
Price / Earnings Ratio	Current Share Price	Diluted Earnings Per Share (Basis As Specified)
Price / Book Value	Current Share Price	Shareholders' Equity / Current Basic Shares
Dividend Yield	Annualised Declared Cash Dividend	Current Share Price
Free Cash Flow Yield	Cash Flow From Operations – Total Capex	Market Cap = Current Share Price × Current Basic Shares
Enterprise Value / Sales	EV = Current Share Price × Current Shares + Minority Equity + Net Debt + Other LT Liabilities	Sales
	Other LT Liabilities	

Manthod so is the set of BofA Global Research standard measures that serve to maintain global consistency under three broad headings: Business Performance, Quality of Earnings, and validations. The key features of iQmethod are: A consistently structured, detailed, and transparent methodology. Guidelines to maximize the effectiveness of the comparative valuation process, and to identify some common pitfalls.

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Basic EBIT + Depreciation + Amortization

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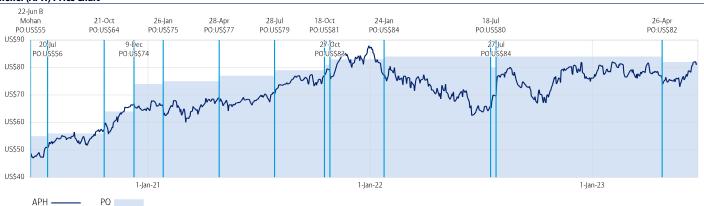
Enterprise Value

Disclosures

EV / EBITDA

Important Disclosures

Amphenol (APH) Price Chart



B: Buy, N: Neutral, U: Underperform, PO: Price Objective, NA: No longer valid, NR: No Rating

The Investment Opinion System is contained at the end of the report under the heading 'Fundamental Equity Opinion Key'. Dark grey shading indicates the security is restricted with the opinion suspended. Medium grey shading indicates the security is under review with the opinion withdrawn. Light grey shading indicates the security is not covered. Chart is current as of a date no more than one trading day prior to the date of the report.



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Equity Investment Rating Distribution: Electronics Group (as of 31 Mar 2023)

Coverage Universe	Count	Percent	Inv. Banking Relationships ^{R1}	Count	Percent
Buy	38	63.33%	Buy	15	39.47%
Hold	9	15.00%	Hold	3	33.33%
Sell	13	21.67%	Sell	3	23.08%

Equity Investment Rating Distribution: Global Group (as of 31 Mar 2023)

Coverage Universe	Count	Percent	Inv. Banking Relationships R1	Count	Percent
Buy	1869	53.01%	Buy	1030	55.11%
Hold	827	23.45%	Hold	476	57.56%
Sell	830	23.54%	Sell	389	46.87%

RI Issuers that were investment banking dients of BofA Securities or one of its affiliates within the past 12 months. For purposes of this Investment Rating Distribution, the coverage universe includes only stocks. A stock rated Neutral is included as a Hold. and a stock rated Underperform is included as a Sell.

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Investment rating Total return expectation (within 12-month period of date of initial rating) Ratings dispersion guidelines for coverage cluster^{R2}

Buy	≥ 10%	≤ 70%
Neutral	≥ 0%	≤ 30%
Jnderperform	N/A	≥ 20%

Ratings dispersions may vary from time to time where BofA Global Research believes it better reflects the investment prospects of stocks in a Coverage Cluster.

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