

Vishay Precision Group, Inc. (VPG – \$23.02*)

Technology: Electronic Components **Buy; \$28.50 PT; \$304.8M Market Cap**Opinion Upgrade

Thursday, February 13, 2025

Discovery Group =

2024 Was Challenging but Improving Order Trends Point to a Potential Early-Stage Recovery; Upgrading from Neutral to Buy, PT from \$24.50 to \$28.50

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STOCK DATA							
Market Cap (mil)	\$304.8						
52-Week Range	\$20.83-\$35.98						
3-Month ADTV	67,634						
Shares Outstanding (mil)	13.2						
Float (%)	92.5						
Short Interest	178,916						
Enterprise Val. (mil)	\$256.6						
Fiscal Year-End	December						

	FINANCIAL	DATA	
EPS (Pro Forma)	2024A	2025E	2026E
1Q	\$0.42	\$0.05	-
2Q	\$0.31	\$0.12	-
3Q	\$0.19	\$0.28	-
4Q	\$0.03	\$0.45	-
FY	\$0.95	\$0.90	\$1.27
EBITDA (mil)	2024A	2025E	2026E
1Q	\$12.3	\$5.5	-
2Q	\$10.2	\$6.8	-
3Q	\$8.1	\$9.9	-
4Q	\$5.1	\$12.9	-
FY	\$35.7	\$35.1	\$42.4
FY	2024A	2025E	2026E
FCF	\$10.7	\$16.0	\$18.8
FCF Yield	3.5%	5.2%	6.1%
Rev. (mil)	\$306.5	\$308.7	\$326.9
EV/Revenue	0.8x	0.8x	0.7x
EV/EBITDA	7.2x	7.0x	5.3x
EBITDA %	11.6%	11.4%	13.0%
P/E	24.2x	25.4x	18.1x
BV/Share	\$24.29	\$24.80	\$26.06

Accounts Receivable \$51.2 Inventories \$84.2 Accounts Payable \$48.2 Total Debt \$31.4	BALANCE SHEET DATA					
Accounts Receivable \$51.2 Inventories \$84.2 Accounts Payable \$48.2 Total Debt \$31.4 Shareholders' Equity \$321.9		4Q24				
Inventories \$84.2 Accounts Payable \$48.2 Total Debt \$31.4 Shareholders' Equity \$321.9	Cash & Equivalents	\$79.3				
Accounts Payable \$48.2 Total Debt \$31.4 Shareholders' Equity \$321.9	Accounts Receivable	\$51.2				
Total Debt \$31.4 Shareholders' Equity \$321.9	Inventories	\$84.2				
Shareholders' Equity \$321.9	Accounts Payable	\$48.2				
	Total Debt	\$31.4				
\$ in millions.	Shareholders' Equity	\$321.9				
	\$ in millions.					

Summary and Recommendation

We are upgrading Vishay Precision Group, Inc. (VPG) from Neutral to Buy and increasing our PT from \$24.50 to \$28.50. While 2024 was a challenging year and 4Q results were below expectations, the recent improvement in order activity indicates that an early-stage recovery could be underway and VPG is already trading below the company's book value of \$24+ per share. Pivoting back to the quarter, revenue of \$73M was -19% Y/Y and below our and consensus \$74M (guidance of \$70M-\$78M). EBITDA of \$5.1M (7.0% margin) also came in below consensus \$6.9M and our \$7.0M, including ~\$0.7M in one-time costs—primarily related to R&D projects and operational fixed costs. However, orders were +5.7% Q/Q, marking a return to sequential growth after six quarters, and book-to-bill improved Y/Y from 0.84x to 1.00x. The recent improvement in order activity has given us increased confidence that the company will be able to return to Y/Y growth in 2H25 against what we believe are easy comps. We are also optimistic about some of the company's newer markets, including humanoid robots. VPG generated \$18M of revenue from humanoid robotics and other new product categories in 2024 and is targeting \$100M of cumulative revenue from various new business initiatives through 2027/28. The sales outlook for 1Q of \$70M-\$76M (-9.6% Y/Y at the midpoint) was roughly in line with our prior \$74M estimate, and we maintain our 2025 sales projection of \$309M (+0.7% Y/Y). While it often takes a couple of quarters for order activity to flow through to revenue, we expect sales activity to improve throughout 2025 and believe shares are attractively priced at 7.0x 2025E EV/EBITDA.

Key Points

- Order activity is improving. Revenue of \$72.7M was -18.8% Y/Y (Sensors -25%, Weighing Solutions -16%, and Measurement Systems -15%) and was slightly below the midpoint of management's \$70M-\$78M guidance. The gross margin of 38.2% was -480 bps Y/Y and includes a \$0.7M impact from unfavorable product mix as well as \$0.2M of one-time material adjustments. VPG's backlog of \$96M (4.0 months of sales) was -4.0% Q/Q from \$100M and -18.0% compared to \$117M in 4Q23. However, the book-to-bill ratio improved Q/Q from 0.91x to 1.0x and was also up from 0.84x in 4Q23—both the Sensors and Weighing solutions segments achieved a book-to-bill above 1.00x. Orders of \$72M were also +5.7% Q/Q, marking a return to sequential growth after six quarters, as improvements in Sensors and Weighing Solutions were partially offset by lower orders for Measurement Systems. EBITDA of \$5.1M (7.0% margin) declined Y/Y from \$16.5M (18.5% margin), GAAP EPS was \$0.06, and pro forma EPS came in at \$0.03—excluding \$1.9M of FX gains. VPG ended 2024 with \$79M in cash and \$31M of debt (net cash of \$48M or \$3.61/share) with FCF of \$4.6M during the quarter.
- Sensing a potential early-stage recovery. The Sensors business (36% of sales) was -24.7% Y/ Y to \$25.8M and was -8.5% Q/Q. The Y/Y decrease in revenues was primarily attributable to lower sales of precision resistors in the T&M market and lower sales of advanced sensors in other markets for consumer applications. The sequential decline primarily reflected lower sales in T&M and other markets. The gross profit margin for the sensors segment of 32.0% was -820 bps compared to 40.2% in 4Q23 due to lower sales volume and an unfavorable product mix, which was partially offset by improved manufacturing efficiencies. While sales and margins struggled, orders of \$26.9M were +7.2% sequentially to the highest levels in 2024 due to higher bookings for precision resistors, mainly in the semiconductor backend equipment. After ten consecutive quarters of book-to-bill below 1.00x, book-to-bill of 1.04x improved from 0.89x in 3Q24.

Analyst certification and important disclosures can be found on pages 5 - 8 of this report.

- Weighing Solutions. Weighing Solutions revenue was -15.6% Y/Y to \$25.7M (35% of sales) but was +2.1% Q/Q. The Y/Y decrease in revenue was attributable to lower revenues in other markets from OEM customers for precision agriculture and construction applications and lower revenues in the transportation and general Industrial markets. The sequential increase in revenues reflected higher revenue in the industrial weighing market and other markets, which offset lower revenue in the transportation market. The gross margin for Weighing Solutions was -140 bps Y/Y to 34.2% due to lower volume. Orders of \$28.9M were +14.7% Q/Q to the highest level in 2024 amid strength in transportation and other markets (namely medical and construction) and resulted in a book-to-bill of 1.12x compared to 1.00x in 3Q24.
- Measurement Systems. The Measurement Systems business was -14.6% Y/Y to \$21.2M (29% of sales) and was -5.2% Q/Q, as \$5M of orders were pushed to 2025, \$2M of which is expected to be booked in 1Q25. The Y/Y decline was primarily attributable to lower sales of Dynamic Systems Inc. (DSI) and Diversified Technical Systems, Inc. (DTS) products. The sequential decline in revenue was primarily attributable to lower sales of DSI products, which was partially offset by the added revenue related to the acquisition of Nokra Optische Prüftechnik und Automation (Nokra) on 9/30/2024. Gross margin for Measurement Systems was -520 bps Y/Y to 50.8% due to a favorable product mix, which offset the impact from lower volume. Orders of \$18.2M were -16.9% Q/Q, primarily due to lower volume. Book-tobill was 0.78x as orders of \$16.6M were -8.8% Q/Q. This reflected lower bookings of DSI to the steel market and lower DTS orders to the AMS and transportation markets.
- Industrial production improvement. The U.S. Manufacturing Purchasing Managers' Index (PMI) has improved for the past three quarters with the January reading of 50.9 up from 49.2 in December as economic activity in the manufacturing sector expanded for the first time after 26 consecutive months of contraction, which we believe could lead to a more sustainable recovery this year.
- Emerging business opportunities. We believe VPG's long-term secular tailwinds remain intact and are pleased to see ongoing progress in newer markets including humanoid robots, where VPG is now in the pre-production phase with one customer and is providing prototypes to other customers. While the total prototype revenue that VPG has received to date is ~\$1.5M, we believe this could become a more meaningful market in the future as potentially thousands of robots are deployed in customer factories over the next two to three years. In this regard, we believe that if VPG successfully moves into the production phase for humanoid robots, initial customers would prefer to sole-source the entire system from VPG—including sensors and associated higher-value modules that hold the sensors. Altogether, VPG generated \$18M of revenue from this and other new product opportunities in 2024, and the company is targeting a cumulative total of at least \$30M in 2025. By 2027 or 2028, VPG expects to have added an aggregate of \$100M in revenue from new business initiatives, which could include new customers, new applications, and/or new products.
- Model updates. As for our model, our 1Q revenue estimate is reduced by \$1M to \$73M (vs. guidance of \$70M-\$76M), while our 1Q EBITDA estimate comes in from \$7.7M to \$5.5M as gross margin expectations tick down from 40.5% to 39.6% in the quarter. However, we leave our 2025 revenue projection unchanged at \$309M (+0.7% Y/Y) given the recent improvement in ordering patterns as we continue to expect VPG to return to Y/Y growth in 2H. We also introduce our 2026 projections with sales +5.9% Y/Y and EBITDA margin expanding 160 bps to 13.0%, although we believe these initial projections could prove to be quite conservative depending on how quickly the company can replenish its backlog.

1Q25							20	25		2026			
Estimates		Old		New	Guidance		Old		New	Old		New	
Revenues (M)	\$	74	\$	73	\$70-\$76		\$ 309	\$	309	NA	\$	327	
EBITDA (M)	\$	7.7	\$	5.5			\$ 38.0	\$	35.1	NA	\$	42.4	
GAAP EPS	\$	0.15	\$	0.03			\$ 0.99	\$	0.83	NA	\$	1.19	
Pro forma EPS	\$	0.17	\$	0.05			\$ 1.06	\$	0.90	NA	\$	1.27	

Valuation

Our new Buy rating (upgraded from Neutral) and increased \$28.50 PT (up from \$24.50) PT is based on a 9x 2025E EV/EBITDA valuation methodology (previously 7x), as order activity is showing signs of improvement that give us increasing confidence that the company is positioned for a return to Y/Y growth in 2H25 against easy comps. Shares are also already trading below the company's book value of \$24+ per share and management is pursuing new business development activities for high-value applications (e.g., electrification, industrial automation, and AMS) that could support sales and gross margin expansion.

Risks

M&A integration. VPG has historically been, and may continue to be, highly acquisitive. If the company is unable to successfully integrate future acquisitions, the business could be negatively affected.

Execution risk. There is the risk that management may not execute well on its restructuring efforts as it allocates capital and human resources toward acquisitions and related integration, possibly resulting in lower margins and cash flow than expected.

Competition. VPG maintains a significant share of the foil resistor and foil strain gage markets it serves. Should competitors succeed in developing and introducing superior products, VPG's operating results could be negatively affected.

Dual class structure. The company has two classes of common stock; holders of VPG common stock are entitled to one vote per share, while holders of VPG Class B common stock are entitled to 10 votes per share, and the shares are convertible to common stock on a one-for-one basis. The ownership of Class B convertible common stock represents ~45% of the total voting power of VPG.

Intellectual property rights. VPG relies on applicable patent, trademark, copyright, and trade secret laws, as well as nondisclosure and confidentiality arrangements, to protect the rights to its technology. There can be no assurance that the protection of VPG's IP will be enough to deter misappropriation or misuse.

International exposure. The company generates significant revenue from international customers and has manufacturing operations in foreign countries, exposing the company to a variety of risks, including foreign currency translation risk.

Loss of key personnel. We believe that the current management team will be instrumental in executing the company's growth strategy. The resignation of a key member of management could have a negative impact on the company.

Economy. A decline in economic growth or economic disruptions may have a negative impact on operating results.

Cyclicality. Certain end markets that VPG serves have historically shown varying degrees of cyclicality; cyclical downturns in these markets, domestically or abroad, may lead to a material deterioration in the company's results.

Sales cycle. VPG dedicates significant resources to obtain design wins without assurance that it will be successful. Additionally, customers often require a lengthy period of on-site testing before committing to purchase products or systems. The sales cycle could lengthen beyond what is normal, which may negatively affect operating results.

Third-party suppliers. VPG sources raw materials from several third-party vendors, but certain materials are available only from a limited number of suppliers. Any future delays or price increases from these third parties could negatively impact operating results.

Commodity price fluctuations. VPG relies on obtaining certain raw materials for its products; price increases for raw materials could have negative impacts on operating results if VPG is unable to pass on increased costs to customers. Declining prices for raw materials could also result in inventory write-downs, as the company records inventory at the lower of cost or market.

Leverage. VPG's debt may adversely affect the company's financial condition if sufficient cash flow cannot be generated to service the debt or if the company fails to comply with related covenant restrictions.

Trading volume. Positions in VPG may be difficult to accumulate or exit, as the average daily trading volume is relatively low.

ishay Precision Group Model - VPG																		
B. Riley Securities	2024	2022	Mar	Jun On-	Sep	Dec	2022	Mar	Jun	Sep	Dec	2024	Mar	Jun	Sep	Dec	2025	2020
(\$000's) Revenue:	<u>2021</u>	<u>2022</u>	<u>Q1a</u>	<u>Q2a</u>	<u>Q3a</u>	<u>Q4a</u>	<u>2023</u>	<u>Q1a</u>	<u>Q2a</u>	<u>Q3a</u>	<u>Q4a</u>	2024	<u>Q1e</u>	Q2e	<u>Q3e</u>	Q4e	<u>2025</u>	<u>2026</u>
Net Revenue	317,919	362,580	88,864	90,802	85,854	89,528	355,048	80,783	77,359	75,727	72,653	306,522	73,102	74,302	78,277	82,974	308,655	326,946
Cost of products sold	192,777	212,978	51,665	52,090	49,919	51,032	204,706	45,689	44,952	45,467	44,882	180,990	44,154	44,284	45,322	46,797	180,557	190,261
Gross profit	125,142	149,602	37,199	38,712	35,935	38,496	150,342	35,094	32,407	30,260	27,771	125,532	28,948	30,018	32,955	36,177	128,098	136,685
Selling, general, and administrative expenses	95,273	104,285	27,159	26,755	26,558	26,356	106,828	27,394	26,501	26,337	27,273	107,505	27,528	27,403	27,303	27,403	109,637	111,777
Impairment, restructuring and other costs EBIT	2,497 27,372	1,518 43,799	9,924	162 11,795	1,153 8,224	129 12,011	1,560 41,954	782 6,918	<u>-</u> 5,906	82 3,841	299 199	1,163 16,864	250 1,170	250 2,365	250 5,402	250 8,524	1,000 17,461	1,000 23,908
	21,312	43,799	9,924	11,793	0,224	12,011	41,934	0,510	3,900			10,004	•	2,303	3,402	·	17,401	23,906
Nonrecurring, noncash, or unusual items Operating income	27,372	43,799	9,924	11,795	8,224	12,011	41,954	6,918	5,906	3,841	199	16,864	1,170	2,365	5,402	8,524	17,461	23,908
Interest expense	1,230	2,269	997	1,079	1,119	779	3,974	628	649	648	587	2,512	609	589	569	549	2,315	1,995
Other income (expense)	(230)	3,558	275	1,019	1,671	(2,509)	456	1,860	1,701	(2,646)	2,297	3,212						
Income before provision for income taxes Income tax expense (benefit)	25,912 5,469	45,088 8,535	9,202 2,220	11,735 3,384	8,776 2,419	8,723 4,403	38,436 12,426	8,150 2,318	6,958 2,316	546 1,874	1,910 1,222	17,564 7,730	562 152	1,776 480	4,833 1,305	7,975 2,153	15,145 4,089	21,913 5,917
Income from continuing operations	20,443	36,553	6,982	8,351	6,357	4,320	26,010	5,832	4,642	(1,328)	688	9,834	410	1,297	3,528	5,822	11,056	15,996
Less: Net income attributable to non-controlling intere	222	490	18	115	77	93	303	(59)	39	23	(80)	(77)	<u> </u>	<u>-</u>	<u>-</u> _	-		
Net income attributable to shareholders	20,221	36,063	6,964	8,236	6,280	4,227	25,707	5,891	4,603	(1,351)	768	9,911	410	1,297	3,528	5,822	11,056	15,996
Suppl Disc: Pro-forma net income	25,606	35,883	7,035	7,957	6,441	8,235	29,668	5,669	4,150	2,482	400	12,701	660	1,547	3,778	6,072	12,056	16,996
Earnings per share: Pro-forma EPS	1.87	2.62	0.52	0.58	0.47	0.61	2.17	0.42	0.31	0.19	0.03	0.95	0.05	0.12	0.28	0.45	0.90	1.27
GAAP	1.48	2.62	0.52 0.51	0.60	0.47 0.46	0.81	1.88	0.42	0.31	(0.19)	0.03	0.95	0.03	0.12	0 .28 0.27	0.43	0.90	1.19
Diluted shares outstanding	13,657	13,688	13,652	13,670	13,686	13,604	13,653	13,468	13,389	13,254	13,252	13,385	13,272	13,405	13,292	13,425	13,349	13,417
Common Size:																		
Gross margin	39.4%	41.3%	41.9%	42.6%	41.9%	43.0%	42.3%	43.4%	41.9%	40.0%	38.2%	41.0%	39.6%	40.4%	42.1%	43.6%	41.5%	41.8%
SG&A expense EBIT margin	30.0% 8.6%	28.8% 12.1%	30.6% 11.2%	29.5% 13.0%	30.9% 9.6%	29.4% 13.4%	30.1% 11.8%	33.9% 8.6%	34.3% 7.6%	34.8% 5.1%	37.5% 0.3%	35.1% 5.5%	37.7% 1.6%	36.9% 3.2%	34.9% 6.9%	33.0% 10.3%	35.5% 5.7%	34.2% 7.3%
EBITDA margin	15.7%	17.1%	15.9%	17.6%	16.0%	18.5%	17.0%	15.3%	13.2%	10.7%	7.0%	11.6%	7.6%	9.1%	12.6%	15.6%	11.4%	13.0%
Tax rate	21.1%	18.9%	24.1%	28.8%	27.6%	50.5%	32.3%	28.4%	33.3%	343.2%	64.0%	44.0%	27.0%	27.0%	27.0%	27.0%	27.0%	27.0%
Pro-forma tax rate	31.1%	18.8%	24.5%	26.2%	26.7%	40.3%	29.1%	25.5%	21.3%	189.6%	2.9%	26.5%	27.0%	27.0%	27.0%	27.0%	27.0%	27.0%
Growth Y-O-Y Net sales	17.8%	14.0%	1.4%	2.5%	-4.7%	-7.0%	-2.1%	-9.1%	-14.8%	-11.8%	-18.8%	-13.7%	-9.5%	-4.0%	3.4%	14.2%	0.7%	5.9%
EBIT	20.8%	60.0%	19.4%	11.8%	-30.8%	-8.0%	-4.2%	-30.3%	-49.9%	-53.3%	-98.3%	-59.8%	-83.1%	-60.0%	40.6%	4183.2%	3.5%	36.9%
EBITDA	31.4%	24.2%	12.1%	1.3%	-14.9%	-5.4%	-2.6%	-12.9%	-36.2%	-41.2%	-69.3%	-40.9%	-55.1%	-33.5%	22.1%	155.0%	-1.5%	20.8%
FCF	33.3% 89.3%	-28.7% 78.8%	-208.0% 4.5%	41.6% -23.2%	17.8% -37.4%	99.0% -51.1%	161.8% -28.8%	-15.6% -16.5%	-23.9% -44.4%	-150.1% -120.9%	-66.0% -84.1%	-65.3% -62.2%	42.2% -93.0%	-71.6% -72.1%	-202.6% -365.7%	22.6% 746.2%	50.0% 12.4%	17.4% 44.7%
Net income EPS	42.1%	39.8%	6.0%	-23.2% -14.6%	-37.4%	-20.6%	-26.6%	-18.3%	-44.4% -46.8%	-60.2%	-64.1% -95.0%	-56.3%	-93.0% -88.2%	-72.1% -62.8%	-363.7 % 51.8%	1398.3%	-4.8%	40.3%
Selected Financial Information																		
Price	\$ 23.02	\$ 23.02	\$ 23.02 \$	23.02			\$ 23.02	\$ 23.02 \$	23.02 \$	23.02 \$		\$ 23.02 \$	23.02 \$	23.02 \$	23.02 \$		\$ 23.02	\$ 23.02
Market cap	315,075	314,845	314,269	314,683	315,052	313,164	313,164	310,033	308,215	305,107	305,061	305,061	305,521	308,583	305,982	309,044	309,044	308,203
Cash & investments Debt, short and long-term	84,335 60,714	88,562 60,799	93,281 60,803	98,521 60,799	95,632 53,827	83,965 31,856	83,965 31,856	83,016 31,885	84,128 31,914	81,077 31,383	79,272 31,441	79,272 31,441	84,207 30,441	84,589 29,441	86,632 28,441	91,246 27,441	91,246 27,441	106,000 23,441
Enterprise value	291,454	287,082	281,791	276,961	273,247	261,055	261,055	258,902	256,001	255,413	257,230	257,230	251,756	253,435	247,791	245,239	245,239	225,644
Sales (LTM)	317,919	362,580	363,779	365,963	361,760	355,048	355,048	346,967	333,524	323,397	306,522	306,522	298,841	295,784	298,334	308,655	308,655	326,946
EV/Sales (LTM)	0.9x 14,996	0.8x 15,353	0.8x 3,858	0.8x 3,867	0.8x 3,834	0.7x 3,991	0.7x 15,550	0.7x 3,943	0.8x 3,916	0.8x 3,912	0.8x 4,034	0.8x 15,805	0.8x 4,116	0.9x 4,166	0.8x 4,216	0.8x 4,166	0.8x 16,665	0.7x 17,525
Depreciation & Amortization Share-based compensation	2,244	2,439	5,656 681	5,667 548	5,654 656	405	2,290	3,943 661	292	107	4,034 (89)	971	4,116	4,100	4,216	4,166	1,815	2,659
EBITDA	49,897	61,997	14,142	15,975	13,736	16,521	60,374	12,320	10,196	8,079	5,075	35,668	5,537	6,781	9,868	12,940	35,126	42,433
EBITDA (LTM)	49,897	61,997	63,524	63,727	61,325	60,374	60,374	58,552	52,773	47,116	35,670	35,670	28,887	25,472	27,261	35,126	35,126	42,433
EV/EBITDA (LTM) ratio	5.8x	4.6x	4.4x	4.3x	4.5x	4.3x	4.3x	4.4x	4.9x	5.4x	7.2x	7.2x	8.7x	9.9x	9.1x	7.0x	7.0x	5.3x
Capital expenditures A/R	17,061 58,265	21,288 60,068	3,501 59,347	3,373 60,548	2,974 57,240	5,306 56,438	15,154 56,438	2,232 52,184	2,599 49,926	2,134 52,821	2,198 51,200	9,163 51,200	3,087 44,673	3,087 45,407	3,087 47,836	3,087 50,706	12,346 50,706	13,078 52,219
DSOs, (A/R*90 / Qrev)	67	60	60	60	60	57	58	58	58	63	63	61	55	55	55	55	60	58
Inventory	76,427	84,660	87,431	89,418	90,408	88,139	88,139	89,666	90,096	88,302	84,160	84,160	85,660	86,310	86,860	87,110	87,110	90,060
Inventory turnover	2.8x	2.6x	2.5x	2.5x	2.4x	2.4x	2.4x	2.2x	2.1x	2.1x	2.1x	2.1x	2.0x	2.0x	2.0x	2.1x	2.1x	2.1x
Accounts payable plus accrued expenses DPOs, (A/P*90 / COGS)	60,854 115	60,272 103	55,252 96	54,426 94	54,121 98	53,096 94	53,096 95	51,770 102	50,474 101	49,794 99	48,161 97	48,161 97	47,379 97	47,519 97	48,634 97	50,216 97	50,216 102	51,989 100
Free cash flow	16,476	11,741	4,942	6,396	5,924	13,477	30,739	4,173	4,866	(2,965)	4,578	10,652	5, 93 5	1,383	3,043	5,614	15,974	18,754
FCF (LTM)	16,476	11,741	21,259	23,138	24,033	30,739	30,739	29,970	28,440	19,551	10,652	10,652	12,414	8,930	14,938	15,974	15,974	18,754
EV/FCF (LTM) ratio	17.7x	24.5x	13.3x	12.0x	11.4x	8.5x	8.5x	8.6x	9.0x	13.1x	24.1x	24.1x	20.3x	28.4x	16.6x	15.4x	15.4x	12.0x
FCF (LTM)/Market cap	5.2%	3.7%	1.6%	2.0%	1.9%	4.3%	9.8%	1.3%	1.6%	-1.0%	1.5%	3.5%	1.9%	0.4%	1.0%	1.8%	5.2%	6.1%
Shareholders' equity Price/book	277,099 1.1x	306,547 1.0x	314,893 1.0x	321,603 1.0x	324,157 1.0x	329,925 0.9x	329,925 0.9x	327,868 0.9x	327,034 0.9x	330,621 0.9x	321,860 0.9x	321,860 0.9x	322,270 0.9x	323,567 1.0x	327,095 0.9x	332,916 0.9x	332,916 0.9x	348,913 0.9x
Book value per share	\$ 20.25		\$ 23.07 \$	23.53	\$ 23.69	24.25		\$ 24.34 \$	24.43 \$	24.94 \$	24.29	\$ 24.29 \$	24.28 \$	24.14 \$		24.80	\$ 24.80	\$ 26.06
P/E	12.3x	8.8x	8.7x	9.0x	9.9x	10.6x	10.6x	11.1x	12.7x	15.1x	24.3x	24.3x	39.9x	60.2x	48.0x	25.5x	25.5x	18.2x

*Closing price of last trading day immediately prior to the date of this publication unless otherwise indicated.

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