



Monolithic Power Systems, Inc. (MPWR)

Updated August 5th, 2026, by Nikolaos Sismanis

Key Metrics

Current Price:	\$1,335	5 Year Annual Expected Total Return:	13.1%	Market Cap:	\$65.6 B
Fair Value Price:	\$784	5 Year Growth Estimate:	25.0%	Ex-Dividend Date:	09/30/26 ¹
% Fair Value:	170%	5 Year Valuation Multiple Estimate:	-10.1%	Dividend Payment Date:	10/15/26
Dividend Yield:	0.6%	5 Year Price Target	\$2,393	Years Of Dividend Growth:	9
Dividend Risk Score:	A	Sector:	Information Technology	Rating:	Hold

Overview & Current Events

Monolithic Power Systems is a leading semiconductor company that designs, develops, and markets high-performance power solutions. The company utilizes its deep system-level and applications expertise to develop highly integrated monolithic systems used in computing and storage, automotive, industrial, communications, and consumer applications industries. Its mission is to reduce total energy consumption in its customers' systems with green, practical, and compact solutions. Monolithic Power generated \$2.8 billion in revenues last year and is headquartered in Kirkland, Washington.

On July 30th, 2026, Monolithic Power Systems reported its Q2 results for the period ending June 30th, 2026. Second-quarter revenues rose by 47.6% year-over-year to \$980.6 million, marking another quarterly record. The increase was driven by strong growth across Enterprise Data (+164.3%), Communications (+78.3%), Industrial (+17.3%), Automotive (+8.2%), and Storage & Computing (+2.3%), partially offset by a decline in Consumer (-4.8%). Adjusted EPS came in at \$6.50, up 54.4% year-over-year.

For Q3, Monolithic expects revenues in the range of \$1.14 billion to \$1.16 billion, implying further strong sequential and year-over-year growth. The board also raised the company's share-repurchase authorization by \$500 million, bringing the total authorization to \$1.0 billion. Based on this estimate and the current market fundamentals, we now see FY2026 adjusted EPS of \$28.00. All past data shown in the table below are GAAP results as originally reported with the SEC.

Growth on a Per-Share Basis

Year	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2031
EPS	\$1.30	\$1.58	\$2.49	\$2.52	\$3.67	\$5.28	\$9.37	\$8.98	\$36.76	\$12.82	\$28.00	\$85.45
DPS	\$0.80	\$0.80	\$1.20	\$1.60	\$2.00	\$2.40	\$3.00	\$4.00	\$5.00	\$6.24	\$8.00	\$24.41
Shares²	40.4	41.4	42.2	43.2	44.8	45.8	46.7	47.6	48.6	48.0	49.3	60.0

Monolith has experienced a remarkable surge in EPS over the last decade, driven by a rising demand for highly efficient analog semiconductor solutions. Notably, the company boasts an impressive 10-year EPS CAGR of nearly 29%. Its robust EPS growth can be attributed to the high demand for Monolith's cutting-edge products, which have propelled rapid sales expansion. In 2023, the company saw a temporary slowdown in growth, following a period of exuberant growth in previous years.

However, we anticipate a return to acceleration in revenue and earnings growth in the medium-term. Our estimate is rooted in the strong growth projections of Monolith's integrated monolithic systems, whose demand is expected to continue to rise in the coming years, driven by the increasing adoption of artificial intelligence and the expansion of data centers. Our EPS growth estimate stands at 25% through 2031.

In 2014, Monolithic initiated its quarterly dividend, which has grown with each new EPS plateau following higher profitability. We expect DPS growth of around 25% in the medium-term, lower than the latest dividend hike of 28.2%, to be prudent. We assume that the company will retain a healthy payout ratio moving forward.

¹ Estimated dates based on past dividend dates.

² Share count is in millions.

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Valuation Analysis

Year	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	Now	2031
Avg. P/E	50.0	58.2	52.6	57.5	72.8	85.2	42.7	51.4	18.3	62.4	47.7	28.0
Avg. Yld.	1.2%	0.9%	0.9%	1.1%	0.7%	0.5%	0.8%	0.7%	0.7%	0.8%	0.6%	1.0%

Monolithic's historical P/E has averaged close to the mid-50s due to the company's constant rapid expansion. We think that the current valuation multiple is unreasonably high even when taking into account Monolithic's accelerated growth in recent years. We maintain our medium-term fair earnings multiple of 28. This is to account for potential headwinds caused by the cyclical nature of the semiconductor industry and the possibility for a slowdown in growth. Due to its rich valuation multiple, Monolithic's dividend payments have historically resulted in very low yields. Despite the likely rapid dividend growth, we expect dividends to remain a token of the total returns.

Safety, Quality, Competitive Advantage, & Recession Resiliency

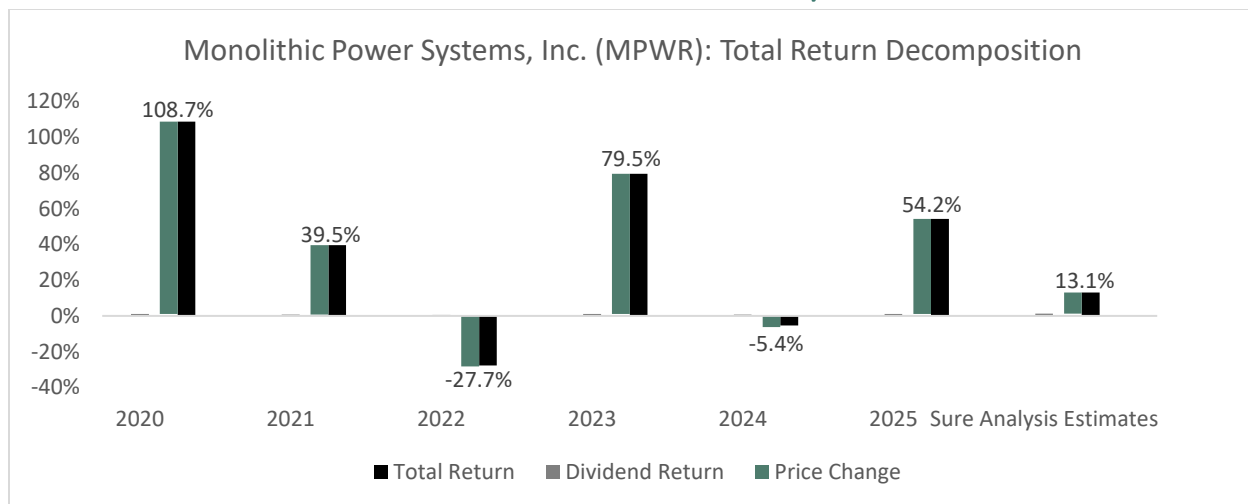
Year	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2031
Payout	62%	51%	48%	63%	54%	45%	32%	45%	14%	49%	29%	29%

Monolithic's dividend is securely positioned, backed by a prudent payout ratio below 40% of our anticipated adjusted EPS and impressive profitability growth expectations. The company boasts strong attributes, including outstanding margins, zero long-term debt, and robust investments in R&D that secure its competitive edge. The highly competitive nature of the analog and mixed-signal semiconductor industry should be noted, nonetheless. Strong rivals like Analog Devices, Infineon Technologies, Maxim Integrated Products, and NXP Semiconductors are likely to pose a perpetual challenge. Thus, continuous innovation will be crucial to fend off potential market share threats. On a positive note, Monolithic has proven its recession resilience, posting robust sales during the Great Financial Crisis and accelerated growth during the COVID-19 pandemic.

Final Thoughts & Recommendation

Monolithic Power Systems has rewarded its shareholders with fabulous returns over the past decade, powered by spectacular top- and bottom-line growth. The rapid revenue growth should be sustained based on the current market trends for years to come. Therefore, we remain optimistic about its medium-term earnings growth potential. We see an annualized total return of 13.1% through 2031, supported by a 25% annual projected EPS growth and the starting 0.6% dividend yield, partially tempered by potential valuation pressures. MPWR earns a hold rating. Note that small fluxes in Monolithic's growth rates can wildly swing total return estimates either way.

Total Return Breakdown by Year



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Income Statement Metrics

Year	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Revenue	389	471	582	628	844	1,208	1,794	1,821	2,207	2,790
Gross Profit	211	258	323	346	466	685	1,049	1,021	1,221	1,540
Gross Margin	54.3%	54.8%	55.4%	55.2%	55.2%	56.7%	58.5%	56.1%	55.3%	55.2%
SG&A Exp.	83	97	114	134	162	226	274	276	357	429
D&A Exp.	15	16	12	15	19	29	37	40	36	53
Operating Profit	54	79	115	105	167	269	535	482	539	729
Operating Margin	13.9%	16.7%	19.8%	16.7%	19.7%	22.3%	29.8%	26.5%	24.4%	26.1%
Net Profit	53	65	105	109	164	242	438	427	1,787	621
Net Margin	13.6%	13.8%	18.1%	17.3%	19.5%	20.0%	24.4%	23.4%	81.0%	22.3%
Free Cash Flow	71	68	119	120	212	225	188	581	642	663
Income Tax	5	18	13	4	5	30	87	78	(1,214)	145

Balance Sheet Metrics

Year	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Total Assets	511	653	793	956	1,208	1,589	2,059	2,434	3,617	4,194
Cash & Equivalents	113	83	173	173	335	189	289	528	692	1,257
Accounts Receivable	34	38	55	53	67	105	183	180	173	256
Inventories	71	99	136	128	157	259	447	384	420	565
Goodwill & Int. Ass.	10	8	7	7	7	6.6	6.6	6.6	36	35
Total Liabilities	80	131	153	183	242	342	390	384	471	663
Accounts Payable	17	23	23	27	38	83	61	63	103	138
Long-Term Debt	-	-	-	-	-	-	-	-	-	20
Shareholder's Equity	431	522	640	773	967	1,244	1,669	2,050	3,164	3,531
LTD/E Ratio	-	-	-	-	-	-	-	-	-	0.01

Profitability & Per Share Metrics

Year	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Return on Assets	11.2%	11.2%	14.6%	12.4%	15.2%	17.3%	24.0%	19.0%	59.1%	16.1%
Return on Equity	13.2%	13.7%	18.1%	15.4%	18.9%	21.9%	30.1%	23.0%	68.8%	19.2%
ROIC	13.2%	13.7%	18.1%	15.4%	18.9%	21.9%	30.1%	23.0%	68.8%	19.1%
Shares Out.	40.4	41.4	42.2	43.2	44.8	47.9	48.4	49	48.8	48.3
Revenue/Share	9.27	10.81	13.06	13.72	17.96	25.22	37.10	37.34	45.20	57.76
FCF/Share	1.69	1.56	2.67	2.61	4.51	4.69	3.88	11.91	13.15	13.73

Note: All figures in millions of U.S. Dollars unless per share or indicated otherwise.

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