

Nan Ya Printed Circuit Board Corp (8046 TT)

 Target price: **TWD1,444.00** (from TWD1,222.00)

 Share price (22 Jun): **TWD864.00** | Up/downside: **+67.1%**

5 4 3 2 1

 **Buy**
(unchanged)

Stronger-than-expected margin profile

- Margin set to beat expectations on cost inflation and capacity shortage
- Likely no meaningful capacity expansion until end-2028
- Reaffirming our Buy (1) rating; raising 12M TP to TWD1,444

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What's new: ABF substrate QTD price levels are tracking stronger than our estimates, leading us to adjust up our gross margins accordingly.

What's the impact: Stronger-than-expected price hike for substrate in 2Q26E. Based on the feedback from the supply chain, we believe the ABF/BT substrate shortage has turned more fierce over the past 3 months given the resilient AI server demand and the rising demand from general-purpose server demand since early-2026 driven by agentic AI. In 2026E, the components will likely see the highest shortage levels within the supply chain should remain high-end foundry capacity, memory, substrate, and PCB, based on the feedback within our coverage. Besides, we highlight the AI data centre outlook has turned more promising given recent positive developments at AI companies. Compute providers believe they can lease all computing power they build to end customers in the near term, which we believe will trigger strong inflation in key component prices over our forecast horizon. We believe substrates will be one of the sectors to ride on this mega cost inflation trend. One of NYPCB's key competitors stated it plans to hike prices quarterly by 7-8% in 2H26 (vs. previous comment of 5-8%). We believe this supports our view that the pricing environment has recently turned more positive vs. our original expectation. We believe NYPCB has room to hike its ASP more than this competitor, supported by its business strategy. Based on our analysis, NYPCB likely won't significantly expand its capacity before 2028, and we note NYPCB's client base is broader than its global peers (ie, revenue derived more from smaller clients vs. peers). As such, we forecast its price hikes for ABF/BT substrate will be larger than its competitors over 2026-28E. If we look back to previous substrate upcycles when ABF/BT substrate gross margins hit c.50/30% levels, the historical record could be broken this time considering two sequential price hikes in 2026E. The first was triggered by component shortages, and the second will likely be driven by substrate capacity shortage from 2H26. As such, we lift our GM assumptions over our forecast period by 2.6-5.3pp to factor in the favourable pricing trend. GM in 2Q26E should come in at 21.3%, higher than the market consensus of 18-20%.

What we recommend: We raise our 2026-28E EPS by 11-49% to factor in higher-than-expected price hikes from both raw materials and substrates. We reaffirm our Buy (1) call and raise our 12-month TP to TWD1,444 (from TWD1,222), based on an unchanged target PER multiple of 49x applied to our 1-year-forward EPS. We view our target PER multiple as undemanding as 2026-28E PEG (EPS CAGR at 120%) comes in at only 0.4x. Downside risks: weaker-than-expected demand for switches/PCs/smartphones.

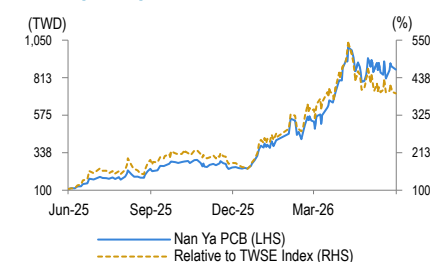
How we differ: Our 2026-28E EPS are 16-57% higher than Bloomberg consensus due likely to our more bullish view on the ABF/BT ASP increase.

Forecast revisions (%)

Year to 31 Dec	26E	27E	28E
Revenue change	(1.9)	19.8	30.1
Net profit change	10.8	32.5	49.1
Core EPS (FD) change	10.8	32.5	49.1

Source: Daiwa forecasts

Share price performance



12-month range	107.50-1,005.00
Market cap (USDbn)	17.70
3m avg daily turnover (USDm)	482.70
Shares outstanding (m)	646
Major shareholder	Nan Ya Plastics Corp (67.0%)

Financial summary (TWD)

Year to 31 Dec	26E	27E	28E
Revenue (m)	58,494	102,461	138,301
Operating profit (m)	12,367	36,180	62,239
Net profit (m)	10,600	29,979	51,319
Core EPS (fully-diluted)	16.405	46.395	79.421
EPS change (%)	444.5	182.8	71.2
Daiwa vs Cons. EPS (%)	16.1	44.6	57.3
PER (x)	52.7	18.6	10.9
Dividend yield (%)	0.9	2.7	4.6
DPS	8.2	23.2	39.7
PBR (x)	10.0	7.0	4.8
EV/EBITDA (x)	27.8	12.3	7.2
ROE (%)	20.8	44.2	52.2

Source: FactSet, Daiwa forecasts

NYPCB: Daiwa revenue and earnings forecasts revisions vs. the consensus

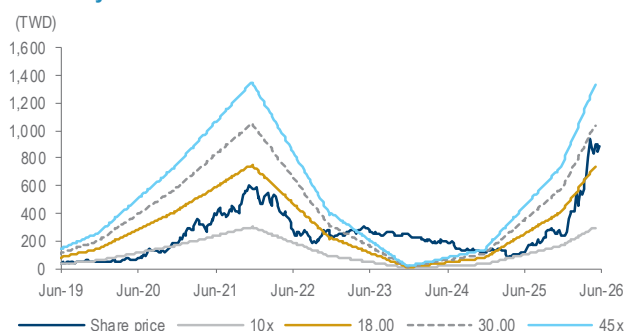
(TWDm)	2026E			2027E			2028E		
	Previous	New	Consensus	Previous	New	Consensus	Previous	New	Consensus
Revenue	59,652	58,494	58,299	85,536	102,461	85,543	106,264	138,301	118,941
Diff (%)		-1.9%	0.3%		19.8%	19.8%		30.1%	16.3%
Gross Margin (%)	21.5%	24.0%	20.6%	34.0%	37.1%	29.0%	41.1%	46.4%	30.5%
Operating profit	11,104	12,367	10,059	27,199	36,180	23,431	41,597	62,239	38,656
Op Margin (%)	18.6%	21.1%	17.3%	31.8%	35.3%	27.4%	39.1%	45.0%	32.5%
Net profit	9,566	10,600	9,128	22,624	29,979	20,735	34,417	51,319	32,620
EPS (TWD)	14.80	16.41	14.13	35.01	46.39	32.09	53.26	79.42	50.48
Diff (%)		10.8%	16.1%		32.5%	44.6%		49.1%	57.3%

Source: Bloomberg, Daiwa forecasts

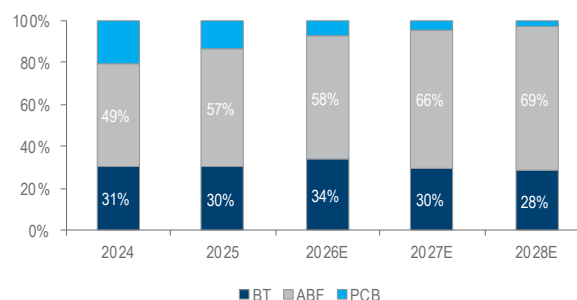
NYPCB: quarterly and annual P&L statement

(TWDm)	2026E				2027E				2025	2026E	2027E	2028E
	1Q	2QE	3QE	4QE	1QE	2QE	3QE	4QE				
Net revenue	11,177	13,083	16,203	18,032	19,723	23,764	28,977	29,996	40,173	58,494	102,461	138,301
COGS	(9,406)	(10,290)	(11,899)	(12,833)	(13,340)	(15,296)	(18,095)	(17,730)	(36,526)	(44,428)	(64,461)	(74,123)
Gross profit	1,771	2,793	4,303	5,199	6,383	8,468	10,883	12,267	3,647	14,066	38,000	64,179
Operating expenses	(419)	(425)	(425)	(430)	(440)	(450)	(460)	(470)	1,665	1,699	1,820	1,940
Operating profit	1,352	2,368	3,878	4,769	5,943	8,018	10,423	11,797	1,982	12,367	36,180	62,239
Non-operating profit	246	112	110	111	106	106	108	111	363	579	432	436
Pre-tax profit	1,598	2,480	3,988	4,880	6,049	8,125	10,531	11,908	2,346	12,946	36,612	62,675
Net profit	1,309	2,030	3,266	3,996	4,953	6,653	8,623	9,750	1,947	10,600	29,979	51,319
Net EPS (TWD)	2.03	3.14	5.05	6.18	7.67	10.30	13.34	15.09	3.0	16.4	46.4	79.4
Operating Ratios												
Gross margin	15.8%	21.3%	26.6%	28.8%	32.4%	35.6%	37.6%	40.9%	9.1%	24.0%	37.1%	46.4%
Operating margin	12.1%	18.1%	23.9%	26.4%	30.1%	33.7%	36.0%	39.3%	4.9%	21.1%	35.3%	45.0%
Pre-tax margin	14.3%	19.0%	24.6%	27.1%	30.7%	34.2%	36.3%	39.7%	5.8%	22.1%	35.7%	45.3%
Net margin	11.7%	15.5%	20.2%	22.2%	25.1%	28.0%	29.8%	32.5%	4.8%	18.1%	29.3%	37.1%
YoY (%)												
Net revenue	32%	37%	48%	62%	76%	82%	79%	66%	24%	46%	75%	35%
Gross profit	312%	263%	310%	272%	260%	203%	153%	136%	920%	286%	170%	69%
Operating profit	3986%	547%	525%	395%	339%	239%	169%	147%	-257%	524%	193%	72%
Pre-tax profit	524%	-1194%	340%	246%	278%	228%	164%	144%	1338%	452%	183%	71%
Net profit	531%	-1183%	351%	232%	278%	228%	164%	144%	856%	445%	183%	71%
QoQ (%)												
Net revenue	0%	17%	24%	11%	9%	20%	22%	4%				
Gross profit	27%	58%	54%	21%	23%	33%	29%	13%				
Operating profit	40%	75%	64%	23%	25%	35%	30%	13%				
Pre-tax profit	13%	55%	61%	22%	24%	34%	30%	13%				
Net profit	9%	55%	61%	22%	24%	34%	30%	13%				

Source: Company, Daiwa forecasts

NYPCB: 1-year-forward PER bands


Source: TEJ, Daiwa forecasts

NYPCB: revenue breakdown by product


Source: Company, Daiwa forecasts

Financial summary

Key assumptions

Year to 31 Dec	2021	2022	2023	2024	2025	2026E	2027E	2028E
Global PC shipment (m)	361	301	260	263	287	244	244	244
Regular server shipment (m)	14	15	12	14	16	18	22	26
Global smartphone shipment (m)	1,655	1,437	1,380	1,437	1,429	1,249	1,255	1,300

Profit and loss (TWDm)

Year to 31 Dec	2021	2022	2023	2024	2025	2026E	2027E	2028E
ABF	25,805	38,250	25,758	15,797	22,701	34,164	67,645	94,844
BT	15,987	16,905	9,393	9,880	12,153	19,901	30,475	39,203
Other Revenue	10,437	9,492	7,101	6,606	5,320	4,429	4,341	4,254
Total Revenue	52,228	64,647	42,253	32,283	40,173	58,494	102,461	138,301
Other income	0	0	0	0	0	0	0	0
COGS	(37,346)	(38,779)	(34,075)	(31,926)	(36,526)	(44,428)	(64,461)	(74,123)
SG&A	(2,012)	(2,293)	(1,847)	(1,624)	(1,665)	(1,699)	(1,820)	(1,940)
Other op.expenses	0	0	0	0	0	0	0	0
Operating profit	12,871	23,575	6,330	(1,267)	1,982	12,367	36,180	62,239
Net-interest inc./(exp.)	(32)	(22)	(19)	(18)	(14)	(15)	(15)	(15)
Assoc/forex/extraord./others	257	1,809	796	1,447	377	594	446	451
Pre-tax profit	13,095	25,362	7,107	163	2,346	12,946	36,612	62,675
Tax	(2,514)	(5,946)	(1,290)	41	(399)	(2,346)	(6,634)	(11,356)
Min. int./pref. div./others	0	0	0	0	0	0	0	0
Net profit (reported)	10,582	19,416	5,817	204	1,947	10,600	29,979	51,319
Net profit (adjusted)	10,582	19,416	5,817	204	1,947	10,600	29,979	51,319
EPS (reported)(TWD)	16.376	30.047	9.002	0.315	3.013	16.405	46.395	79.421
EPS (adjusted)(TWD)	16.376	30.047	9.002	0.315	3.013	16.405	46.395	79.421
EPS (adjusted fully-diluted)(TWD)	16.376	30.047	9.002	0.315	3.013	16.405	46.395	79.421
DPS (TWD)	10.000	18.000	5.500	1.000	1.000	8.203	23.197	39.711
EBIT	12,871	23,575	6,330	(1,267)	1,982	12,367	36,180	62,239
EBITDA	16,505	27,919	12,226	5,193	8,876	19,468	42,571	67,990

Cash flow (TWDm)

Year to 31 Dec	2021	2022	2023	2024	2025	2026E	2027E	2028E
Profit before tax	13,095	25,362	7,107	163	2,346	12,946	36,612	62,675
Depreciation and amortisation	3,634	4,344	5,896	6,460	6,894	7,101	6,391	5,752
Tax paid	(2,514)	(5,946)	(1,290)	41	(399)	(2,346)	(6,634)	(11,356)
Change in working capital	(2,337)	(2,805)	7,510	(1,779)	(3,218)	(6,153)	(10,845)	(5,594)
Other operational CF items	4,050	11,352	(2,709)	(2,725)	(2,596)	0	0	0
Cash flow from operations	15,929	32,307	16,513	2,160	3,027	11,548	25,524	51,477
Capex	(8,451)	(16,922)	(11,779)	(2,379)	(2,422)	(2,543)	(2,416)	(2,295)
Net (acquisitions)/disposals	0	0	0	0	0	0	0	0
Other investing CF items	3,061	53	(471)	(223)	700	7	24	15
Cash flow from investing	(5,391)	(16,869)	(12,251)	(2,602)	(1,723)	(2,537)	(2,393)	(2,280)
Change in debt	983	(1,981)	0	0	0	0	0	0
Net share issues/(repurchases)	0	0	0	0	0	0	0	0
Dividends paid	(2,197)	(6,462)	(11,631)	(3,554)	(646)	(646)	(5,300)	(14,989)
Other financing CF items	(1,678)	(222)	(180)	(289)	(241)	(413)	0	0
Cash flow from financing	(2,892)	(8,665)	(11,811)	(3,843)	(887)	(1,059)	(5,300)	(14,989)
Forex effect/others	(25)	76	(166)	436	(309)	(72)	(76)	(85)
Change in cash	7,621	6,850	(7,714)	(3,849)	109	7,881	17,755	34,122
Free cash flow	7,478	15,386	4,734	(219)	605	9,005	23,108	49,181

Source: FactSet, Daiwa forecasts

Financial summary continued ...

Balance sheet (TWDm)

Year to 31 Dec	2021	2022	2023	2024	2025	2026E	2027E	2028E
Cash & short-term investment	13,194	20,044	12,567	8,587	8,706	16,587	34,342	68,465
Inventory	5,348	5,803	3,896	4,101	5,068	6,680	9,214	9,435
Accounts receivable	11,062	14,893	6,898	6,996	9,552	15,729	25,915	31,598
Other current assets	572	570	1,113	991	296	296	296	296
Total current assets	30,176	41,310	24,474	20,675	23,623	39,292	69,768	109,794
Fixed assets	25,668	39,926	45,476	41,804	37,085	32,527	28,553	25,097
Goodwill & intangibles	0	0	0	0	0	0	0	0
Other non-current assets	502	514	487	460	500	494	470	455
Total assets	56,345	81,750	70,437	62,938	61,207	72,313	98,791	135,346
Short-term debt	1,669	0	0	0	0	0	0	0
Accounts payable	6,710	8,895	5,808	3,672	3,979	5,614	7,490	7,800
Other current liabilities	2,137	4,794	3,292	2,992	3,210	3,210	3,210	3,210
Total current liabilities	10,516	13,689	9,100	6,664	7,189	8,825	10,700	11,010
Long-term debt	227	0	0	0	0	0	0	0
Other non-current liabilities	5,123	14,339	13,429	10,824	7,896	7,896	7,896	7,896
Total liabilities	15,866	28,028	22,530	17,488	15,085	16,720	18,596	18,906
Share capital	6,462	6,462	6,462	6,462	6,462	6,462	6,462	6,462
Reserves/R.E./others	34,017	47,261	41,446	38,989	39,661	49,131	73,733	109,979
Shareholders' equity	40,479	53,723	47,908	45,450	46,123	55,593	80,195	116,440
Minority interests	0	0	0	0	0	0	0	0
Total equity & liabilities	56,345	81,750	70,437	62,938	61,207	72,313	98,791	135,346
EV	546,990	538,243	545,720	549,700	549,581	541,700	523,945	489,823
Net debt/(cash)	(11,298)	(20,044)	(12,567)	(8,587)	(8,706)	(16,587)	(34,342)	(68,465)
BVPS (TWD)	62.645	83.141	74.142	70.339	71.379	86.035	124.109	180.202

Key ratios (%)

Year to 31 Dec	2021	2022	2023	2024	2025	2026E	2027E	2028E
Sales (YoY)	35.6	23.8	(34.6)	(23.6)	24.4	45.6	75.2	35.0
EBITDA (YoY)	134.4	69.2	(56.2)	(57.5)	70.9	119.3	118.7	59.7
Operating profit (YoY)	213.3	83.2	(73.1)	n.a.	n.a.	523.8	192.6	72.0
Net profit (YoY)	188.6	83.5	(70.0)	(96.5)	855.6	444.5	182.8	71.2
Core EPS (fully-diluted) (YoY)	188.6	83.5	(70.0)	(96.5)	855.6	444.5	182.8	71.2
Gross-profit margin	28.5	40.0	19.4	1.1	9.1	24.0	37.1	46.4
EBITDA margin	31.6	43.2	28.9	16.1	22.1	33.3	41.5	49.2
Operating-profit margin	24.6	36.5	15.0	n.a.	4.9	21.1	35.3	45.0
Net profit margin	20.3	30.0	13.8	0.6	4.8	18.1	29.3	37.1
ROAE	29.1	41.2	11.4	0.4	4.3	20.8	44.2	52.2
ROAA	21.0	28.1	7.6	0.3	3.1	15.9	35.0	43.8
ROCE	34.0	49.1	12.5	n.a.	4.3	24.3	53.3	63.3
ROIC	36.6	57.4	15.0	n.a.	4.4	26.5	69.8	n.a.
Net debt to equity	net cash	net cash	net cash	net cash	net cash	net cash	net cash	net cash
Effective tax rate	19.2	23.4	18.2	0.0	17.0	18.1	18.1	18.1
Accounts receivable (days)	70.7	73.3	94.1	78.5	75.2	78.9	74.2	75.9
Current ratio (x)	2.9	3.0	2.7	3.1	3.3	4.5	6.5	10.0
Net interest cover (x)	406.2	1,128.2	367.9	10.3	170.8	852.3	2,522.4	4,252.9
Net dividend payout	61.1	59.9	61.2	n.a.	33.2	50.0	50.0	50.0
Free cash flow yield	1.3	2.8	0.8	n.a.	0.1	1.6	4.1	8.8

Source: FactSet, Daiwa forecasts

Company profile

Nan Ya PCB originated as one of the business divisions of Nan Ya Plastics Corporation before transforming into a subsidiary in 1997, specialising in the manufacturing of printed circuit boards (PCBs) and integrated circuit (IC) substrates. The company's primary end applications include networking (c.50%), PCs (c.20%), consumer electronics (c.10%), automotive (c.10%) and other sectors. Its manufacturing facilities are located in Taiwan and China.

ESG analysis

ESG risks

Risks	Management	Analyst comments	
G	Executive/board quality	2	Nan Ya PCB's board of directors (BoD) is responsible for overseeing the company's operations and ensuring adherence to corporate governance principles. The board comprises individuals with diverse expertise, contributing to effective decision-making and strategic planning. The company emphasizes the importance of corporate governance as a set of processes, customs, policies, laws, and institutions affecting the way the corporation is directed, administered, or controlled. Principal stakeholders include stockholders, management, and the board of directors, among others.
	Capital management	2	Nan Ya PCB maintains a prudent approach to capital management, ensuring financial stability and the availability of resources necessary for operational and strategic initiatives. The company's financial statements reflect a solid capital structure, supporting its growth and sustainability objectives.
	Related party & transaction	1	The company adheres to strict policies regarding related party transactions to maintain transparency and fairness. Such transactions are conducted under terms comparable to those with independent third parties and are disclosed in financial reports to ensure compliance with regulatory standards and corporate governance best practices. For example, the company's consolidated financial statements provide details on transactions with related parties, ensuring transparency and accountability.
S	Supply chain management	1	Nan Ya PCB is committed to sustainable supply chain management, emphasizing environmental protection, procurement policies, and social responsibility. The company has established a comprehensive procurement policy that integrates sustainability considerations, ensuring that suppliers adhere to ethical standards and environmental regulations. This commitment is part of the company's broader sustainable responsibility policy, which includes areas such as corporate governance, environmental protection, and social welfare.
E	Data security	1	While specific details on Nan Ya PCB's data security measures are not extensively disclosed in the available sources, the company recognizes the importance of information security in its operations. As part of its corporate governance framework, Nan Ya PCB is likely to implement standard data protection practices to safeguard sensitive information and ensure compliance with relevant regulations. Stakeholders are encouraged to consult the company's official communications or contact the company directly for detailed information on data security policies.

Note: Management score represents a company's ability to manage/benefit from certain ESG topics. The scores range from 1 to 3, with 1 being the strongest.

Update Date: 7 May 2026

Source: Daiwa, Company

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Disclosure of investment ratings

Rating	Percentage of total
Buy*	73.51%
Hold**	19.39%
Sell***	7.10%

Source: Daiwa

Notes: data is for single-branded Daiwa research in Asia (ex Japan) and correct as of 31 March 2026.

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* The amount of the trading commission cannot be stated here in advance because it will be determined between our company and you based on current market conditions and the content of each transaction etc.

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