July 31, 2026 01:24 AM GMT

E Ink Holdings Inc. | Asia Pacific

Read-across from Vusion's 2Q26 Results

Positive implications from Vusion's comments on new project wins and initiatives in retail media, although the market seems to be awaiting more data points to support E-Ink's full-year revenue growth expectations of 20-25% in 2026.

What's new:

Vusion (VU.PA, NC), a system integrator for electronic shelf label (ESL) systems, reported 2Q26 adjusted revenue of €545.4mn (+86% QoQ/+31% YoY). Of this, 80% came from Americas/APAC (+41% YoY) and 20% from EMEA (+3% YoY).

- North America and Asia Pacific: Management said growth was driven by the deployment of EdgeSense at Walmart in the US, with completion expected by end of the year. Other projects involving new solutions and geographies underway will continue to drive momentum.
- EMEA: Business activity remained solid and was evenly distributed across the region – particularly in France, the DACH region, the UK, Scandinavia, Spain and Turkey. Find more information on new deals: More Details
- Order intake was €365mn in 2Q26 (+16% QoQ/+7% YoY), with a book-to-bill (B/B) ratio of 0.67 (vs. 1.08 in 1Q26 and 0.82 in 2Q25). Management expects a stronger 2H26 vs. 1H26, to reach positive growth on a full-year basis, as it sees multiple deals converting later in the year and momentum carrying into 1H27. It also reaffirmed the 2027 ambition of reaching ~EUR2.2bn as achievable.

- Management's full year guidance was unchanged with revenue growth of 15-20% YoY, with ~40% YoY growth for VAS revenue.
- It announced acquirement of In-Store Media (ISM) to accelerate the creation of a platform for digital in-store retail media and advertising. ISM is headquartered in Barcelona, and has relationships with 90 retail banners and over 1,600 brands, with track record in 9 countries across EMEA, Americas and APAC. ISM generated ~€120mn of revenue in 2025, while the deal is expected to close by end of 2026.

Our view:

- We see positive implications for E-Ink from Vusion's new ESL details and more deployment in the retail media space, pointing to more opportunities beyond the Walmart project completion by end of 2026.
- For E-Ink's share price movement, we believe the market is awaiting more data points to support its 2026 full year revenue growth guidance of 20-25% (1H26 revenue +1% YoY), despite the lower base in 2H26.

MORGAN STANLEY TAIWAN LIMITED+

Derrick Yang
Equity Analyst
Derrick.Yang@morganstanley.com +886 2 2730-2862

Vivi Huang
Research Associate
Vivi.Huang@morganstanley.com +886 2 2730-2860

MORGAN STANLEY ASIA LIMITED+

Andy Meng, CFA
Equity Analyst
Andy.Meng@morganstanley.com +852 2239-7689

E Ink Holdings Inc. (8069.TWO, 8069 TT)

Greater China Technology Hardware | Taiwan

Stock Rating	**Overweight**
Industry View	**In-Line**
Price target	NT$250.00
Up/downside to price target (%)	37
Shr price, close (Jul 30, 2026)	NT$182.00
52-Week Range	NT$286.00-135.00
Sh out, dil, curr (mn)	1,150
Mkt cap, curr (mn)	NT$209,330
EV, curr (mn)	NT$214,888
Avg daily trading value (mn)	NT$1,385

Fiscal Year Ending	12/25	12/26e	12/27e	12/28e
EPS (NT$)**	9.14	11.37	13.07	15.67
EPS (NT$)§	10.09	12.01	14.31	16.14
Revenue, net (NT$ mn)	36,116	43,339	49,878	59,024
EBITDA (NT$ mn)	13,458	16,456	19,062	22,755
ModelWare net inc (NT$ mn)	10,515	13,077	15,037	18,027
P/E	21.7	16.0	13.9	11.6
P/BV	3.3	2.8	2.6	2.3
RNOA (%)	13.8	14.6	16.9	20.3
ROE (%)	18.2	18.7	19.7	21.8
EV/EBITDA	17.5	12.7	10.7	8.7
Div yld (%)	3.0	4.1	4.7	5.6
FCF yld ratio (%)**	4.2	5.8	6.7	7.9
Leverage (EOP) (%)	2.1	(4.9)	(11.1)	(17.5)

Unless otherwise noted, all metrics are based on Morgan Stanley ModelWare framework
§ = Consensus data is provided by Refinitiv Estimates
** = Based on consensus methodology
e = Morgan Stanley Research estimates

AlphaSignals Catalyst Event Reaction

Company / Catalyst	Date	Impact to thesis	Catalyst versus expectation
E Ink Holdings Inc. 8069.TWO			
Read-across from Vusion's 2Q26 Results	31 Jul 2026	Unchanged	↑ Modest upside surprise

Source:Company data, Morgan Stanley Research

More Details

- More color on Vusion's order intake from management:
  - The Carrefour project should begin rollout in 2H26 and accelerate into 2027-28.
  - The Walmart Mexico project, signed last month, should be included in 2Q26 order intake, with deployment across express stores and supercenters in 2026-27.
  - Extended partnership with JYSK, one of Europe's leading home furnishing retailers, in June, by upgrading 450 Nordic stores to the latest ESL technology, along with 750 additional stores across Europe and full migration to VusionCloud. The scale is expected to reach 2,500 stores by 2027 across the Nordics, DACH and Benelux regions.
  - Partnered with Gratis, one of the leading beauty and personal care retailers in Turkey, in June. 300 stores are expected to be deployed in 2026, with another 500 stores in 2027/2028. The agreement covers ~2mn ESLs across the 300 stores as part of the first phase of roll out.
  - Decathlon announced it had reached the 700-store milestone equipped with Vusion's digital solutions in 2Q26. The deployment now spans 54 countries across Europe, South America, and Asia-Pacific.

Valuation Methodology and Risks

E Ink Holdings Inc. (8069.TWO)

Base case, 19x 2027e P/E. We believe this valuation methodology best captures E Ink's earnings growth momentum. We view our target multiple of 19x as fair, considering our estimated 20% earnings CAGR for 2025-28. The implied PEG of 1.0x is slightly higher than its typical level in 2020-25, when the stock was trading at an average P/E of 21x one-year forward consensus EPS with a 24% earnings CAGR.

Risks to Upside

- Firmer-than-expected ESL orders
- Stronger demand for e-readers and e-notes
- Better macro conditions
- Milder competition
- Brisker inventory digestion

Risks to Downside

- Softer-than-expected ESL orders
- Slower demand for e-readers and e-notes
- Macro headwinds
- Intensified competition
- More protracted inventory digestion

Disclosure Section

The information and opinions in Morgan Stanley Research were prepared or are disseminated by Morgan Stanley Asia Limited (which accepts the responsibility for its contents) and/or Morgan Stanley Asia (Singapore) Pte. (Registration number 199206298Z) and/or Morgan Stanley Asia (Singapore) Securities Pte Ltd (Registration number 200008434H), regulated by the Monetary Authority of Singapore (which accepts legal responsibility for its contents and should be contacted with respect to any matters arising from, or in connection with, Morgan Stanley Research), and/or Morgan Stanley Taiwan Limited and/or Morgan Stanley & Co International plc, Seoul Branch, and/or Morgan Stanley Australia Limited (A.B.N. 67 003 734 576, holder of Australian financial services license No. 233742, which accepts responsibility for its contents), and/or Morgan Stanley Wealth Management Australia Pty Ltd (A.B.N. 19 009 145 555, holder of Australian financial services license No. 240813, which accepts responsibility for its contents), and/or Morgan Stanley India Company Private Limited having Corporate Identification No (CIN) U22990MH1998PTC115305, regulated by the Securities and Exchange Board of India ("SEBI") and holder of licenses as a Research Analyst (SEBI Registration No. INH000001105); Stock Broker (SEBI Stock Broker Registration No. INZ000244438), Merchant Banker (SEBI Registration No. INM000011203), and depository participant with National Securities Depository Limited (SEBI Registration No. IN-DP-NSDL-567-2021) having registered office at Altimus, Level 39 & 40, Pandurang Budhkar Marg, Worli, Mumbai 400018, India; Telephone no. +91-22-61181000; Compliance Officer Details: Mr. Tejarshi Hardas, Tel. No.: +91-22-61181000 or Email: tejarshi.hardas@morganstanley.com; Grievance officer details: Mr. Tejarshi Hardas, Tel. No.: +91-22-61181000 or Email: msic-compliance@morganstanley.com which accepts the responsibility for its contents and should be contacted with respect to any matters arising from, or in connection with, Morgan Stanley Research, and their affiliates (collectively, "Morgan Stanley"). Morgan Stanley India Company Private Limited (MSICPL) may use AI tools in providing research services. All recommendations contained herein are made by the duly qualified research analysts.

For important disclosures, stock price charts and equity rating histories regarding companies that are the subject of this report, please see the Morgan Stanley Research Disclosure Website at www.morganstanley.com/eqr/disclosures/webapp/generalresearch, or contact your investment representative or Morgan Stanley Research at 1585 Broadway, (Attention: Research Management), New York, NY, 10036 USA.

For valuation methodology and risks associated with any recommendation, rating or price target referenced in this research report, please contact the Client Support Team as follows: US/Canada +1 800 303-2495; Hong Kong +852 2848-5999; Latin America +1 718 754-5444 (U.S.); London +44 (0)20-7425-8169; Singapore +65 6834-6860; Sydney +61 (0)2-9770-1505; Tokyo +81 (0)3-6836-9000. Alternatively you may contact your investment representative or Morgan Stanley Research at 1585 Broadway, (Attention: Research Management), New York, NY 10036 USA.

Analyst Certification

The following analysts hereby certify that their views about the companies and their securities discussed in this report are accurately expressed and that they have not received and will not receive direct or indirect compensation in exchange for expressing specific recommendations or views in this report: Andy Meng, CFA; Derrick Yang.

.

Global Research Conflict Management Policy

Morgan Stanley Research has been published in accordance with our conflict management policy, which is available at www.morganstanley.com/institutional/research/conflictpolicies. A Portuguese version of the policy can be found at www.morganstanley.com.br

Important Regulatory Disclosures on Subject Companies

As of June 30, 2026, Morgan Stanley beneficially owned 1% or more of a class of common equity securities of the following companies covered in Morgan Stanley Research: AAC Technologies Holdings, Accton Technology Corporation, AirTAC International, AU Optronics, Auras Technology Co Ltd, Bizlink, BOE Technology, Catcher Technology, Chenbro, Chroma Ate Inc., Compal Electronics, Delta Electronics Inc., **E Ink Holdings Inc.**, Eoptolink Technology Inc Ltd, Fositek Corp, Genius Electronic Optical Co. Ltd., Giga-Byte Technology Co. Ltd., Gold Circuit Electronics Ltd., Hiwin Technologies Corp., Innolux, LandMark Optoelectronics Corporation, Largan Precision, Lingyi Itech Guangdong Co, Lite-On Technology, Lotes Co. Ltd., Nan Ya PCB, Sunny Optical, Suzhou TFC Optical Communication Co Ltd., TCL Corp., Unimicron, Visual Photonics Epitaxy Co Ltd, Wistron Corporation, Wiwynn Corp, Xiaomi Corp, Yageo Corp., Zhejiang Crystal-Optech Co Ltd, Zhen Ding, Zhongji Innolight Co Ltd, ZTE Corporation.

Within the last 12 months, Morgan Stanley managed or co-managed a public offering (or 144A offering) of securities of Unimicron, Wistron Corporation, Wiwynn Corp, Zhen Ding.

Within the last 12 months, Morgan Stanley has received compensation for investment banking services from Lenovo, Unimicron, Wistron Corporation, Wiwynn Corp, Xiaomi Corp, Yageo Corp., Zhen Ding, Zhongji Innolight Co Ltd.

In the next 3 months, Morgan Stanley expects to receive or intends to seek compensation for investment banking services from AAC Technologies Holdings, Accton Technology Corporation, Acer Inc., Advantech, AirTAC International, Asia Vital Components Co. Ltd., Asustek Computer Inc., AU Optronics, Bizlink, Catcher Technology, Chenbro, Compal Electronics, Delta Electronics Inc., **E Ink Holdings Inc.**, Ennostar Inc, Eoptolink Technology Inc Ltd, FIT Hon Teng Ltd, Giga-Byte Technology Co. Ltd., GoerTek Inc, Gold Circuit Electronics Ltd., Hon Hai Precision, Innolux, Lenovo, Lens Technology, Lingyi Itech Guangdong Co, Lite-On Technology, Luxshare Precision Industry Co., Ltd., Pegatron Corporation, Q Technology (Group) Company Ltd, Quanta Computer Inc., Shanghai Conant Optical Co Ltd, Shenzhen Transsion Holdings Co Ltd, Suzhou TFC Optical Communication Co Ltd., TCL Corp., Unimicron, Wistron Corporation, Wiwynn Corp, Xiaomi Corp, Yageo Corp., Yangtze Optical Fibre and Cable JSC Ltd, Zhen Ding, Zhongji Innolight Co Ltd.

Within the last 12 months, Morgan Stanley has received compensation for products and services other than investment banking services from AAC Technologies Holdings, Accton Technology Corporation, Acer Inc., Asustek Computer Inc., AU Optronics, BYD Electronics, Compal Electronics, **E Ink Holdings Inc.**, Eoptolink Technology Inc Ltd, Giga-Byte Technology Co. Ltd., GoerTek Inc, Hon Hai Precision, Innolux, Lenovo, Lingyi Itech Guangdong Co, Quanta Computer Inc., Xiaomi Corp, Yageo Corp..

Within the last 12 months, Morgan Stanley has provided or is providing investment banking services to, or has an investment banking client relationship with, the following company: AAC Technologies Holdings, Accton Technology Corporation, Acer Inc., Advantech, AirTAC International, Asia Vital Components Co. Ltd., Asustek Computer Inc., AU Optronics, Bizlink, Catcher Technology, Chenbro, Compal Electronics, Delta Electronics Inc., **E Ink Holdings Inc.**, Ennostar Inc, Eoptolink Technology Inc Ltd, FIT Hon Teng Ltd, Giga-Byte Technology Co. Ltd., GoerTek Inc, Gold Circuit Electronics Ltd., Hon Hai Precision, Innolux, Lenovo, Lens Technology, Lingyi Itech Guangdong Co, Lite-On Technology, Luxshare Precision Industry Co., Ltd., Pegatron Corporation, Q Technology (Group) Company Ltd, Quanta Computer Inc., Shanghai Conant Optical Co Ltd, Shenzhen Transsion Holdings Co Ltd, Suzhou TFC Optical Communication Co Ltd., TCL Corp., Unimicron, Wistron Corporation, Wiwynn Corp, Xiaomi Corp, Yageo Corp., Yangtze Optical Fibre and Cable JSC Ltd, Zhen Ding, Zhongji Innolight Co Ltd.

Within the last 12 months, Morgan Stanley has either provided or is providing non-investment banking, securities-related services to and/or in the past has entered into an agreement to provide services or has a client relationship with the following company: AAC Technologies Holdings, Accton Technology Corporation, Acer Inc., Asustek Computer Inc., AU Optronics, BYD Electronics, Compal Electronics, **E Ink Holdings Inc.**, Eoptolink Technology Inc Ltd, Giga-Byte Technology Co. Ltd., GoerTek Inc, Hon Hai Precision, Innolux, Lenovo, Lingyi Itech Guangdong Co, Quanta Computer Inc., Xiaomi Corp, Yageo Corp., Zhen Ding.

The equity research analysts or strategists principally responsible for the preparation of Morgan Stanley Research have received compensation based upon various factors, including quality of research, investor client feedback, stock picking, competitive factors, firm revenues and overall investment banking revenues. Equity Research analysts' or strategists' compensation is not linked to investment banking or capital markets transactions performed by Morgan Stanley or the profitability or revenues of particular trading desks.

Morgan Stanley and its affiliates do business that relates to companies/instruments covered in Morgan Stanley Research, including market making, providing liquidity, fund management, commercial banking, extension of credit, investment services and investment banking. Morgan Stanley sells to and buys from customers the securities/instruments of companies covered in Morgan Stanley Research on a principal basis. Morgan Stanley may have a position in the debt of the Company or instruments discussed in this report. Morgan Stanley trades or may trade as principal in the debt securities (or in related derivatives) that are the subject of the debt research report.
Certain disclosures listed above are also for compliance with applicable regulations in non-US jurisdictions.

STOCK RATINGS

Morgan Stanley uses a relative rating system using terms such as Overweight, Equal-weight, Not-Rated or Underweight (see definitions below). Morgan Stanley does not assign ratings of Buy, Hold or Sell to the stocks we cover. Overweight, Equal-weight, Not-Rated and Underweight are not the equivalent of buy, hold and sell. Investors should carefully read the definitions of all ratings used in Morgan Stanley Research. In addition, since Morgan Stanley Research contains more complete information concerning the analyst's views, investors should carefully read Morgan Stanley Research, in its entirety, and not infer the contents from the rating alone. In any case, ratings (or research) should not be used or relied upon as investment advice. An investor's decision to buy or sell a stock should depend on individual circumstances (such as the investor's existing holdings) and other considerations.

Global Stock Ratings Distribution

(as of June 30, 2026)
The Stock Ratings described below apply to Morgan Stanley's Fundamental Equity Research and do not apply to Debt Research produced by the Firm.
For disclosure purposes only (in accordance with FINRA requirements), we include the category headings of Buy, Hold, and Sell alongside our ratings of Overweight, Equal-weight, Not-Rated and Underweight. Morgan Stanley does not assign ratings of Buy, Hold or Sell to the stocks we cover. Overweight, Equal-weight, Not-Rated and Underweight are not the equivalent of buy, hold, and sell but represent recommended relative weightings (see definitions below). To satisfy regulatory requirements, we correspond Overweight, our most positive stock rating, with a buy recommendation; we correspond Equal-weight and Not-Rated to hold and Underweight to sell recommendations, respectively.

	Coverage Universe		Investment Banking Clients (IBC)			Other Material Investment Services Clients (MISC)	
Stock Rating Category	Count	% of Total	Count	% of Total IBC	% of Rating Category	Count	% of Total Other MISC
Overweight/Buy	1544	42%	453	49%	29%	757	44%
Equal-weight/Hold	1577	43%	390	42%	25%	769	44%
Not-Rated/Hold	3	0%	1	0%	33%	1	0%
Underweight/Sell	544	15%	89	10%	16%	204	12%
Total	3,668		933			1731	

Data include common stock and ADRs currently assigned ratings. Investment Banking Clients are companies from whom Morgan Stanley received investment banking compensation in the last 12 months. Due to rounding off of decimals, the percentages provided in the "% of total" column may not add up to exactly 100 percent.

Analyst Stock Ratings

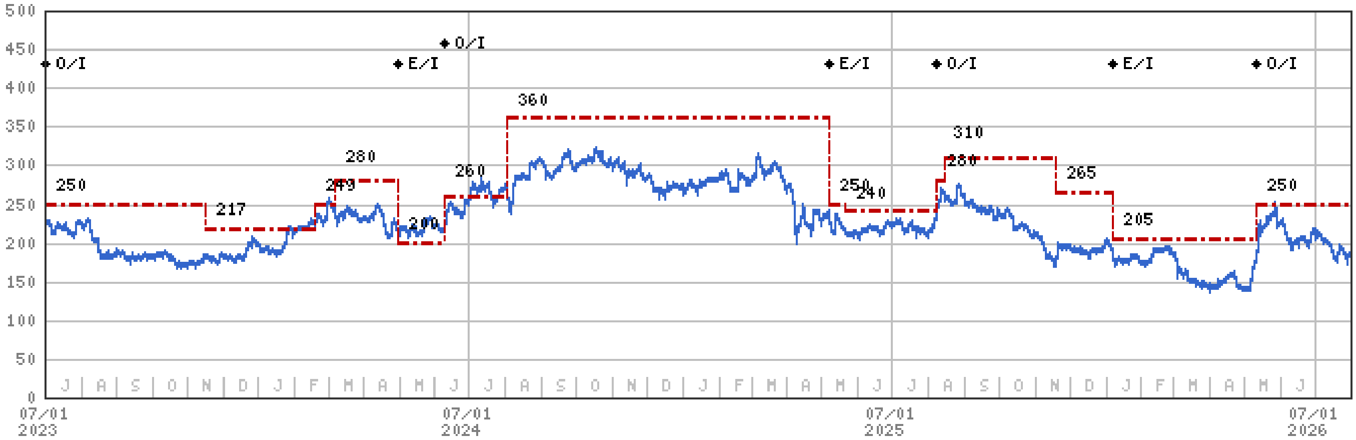
Overweight (O). The stock's total return is expected to exceed the average total return of the analyst's industry (or industry team's) coverage universe, on a risk-adjusted basis, over the next 12-18 months.
Equal-weight (E). The stock's total return is expected to be in line with the average total return of the analyst's industry (or industry team's) coverage universe, on a risk-adjusted basis, over the next 12-18 months.
Not-Rated (NR). Currently the analyst does not have adequate conviction about the stock's total return relative to the average total return of the analyst's industry (or industry team's) coverage universe, on a risk-adjusted basis, over the next 12-18 months.
Underweight (U). The stock's total return is expected to be below the average total return of the analyst's industry (or industry team's) coverage universe, on a risk-adjusted basis, over the next 12-18 months.
Unless otherwise specified, the time frame for price targets included in Morgan Stanley Research is 12 to 18 months.

Analyst Industry Views

Attractive (A): The analyst expects the performance of his or her industry coverage universe over the next 12-18 months to be attractive vs. the relevant broad market benchmark, as indicated below.
In-Line (I): The analyst expects the performance of his or her industry coverage universe over the next 12-18 months to be in line with the relevant broad market benchmark, as indicated below.
Cautious (C): The analyst views the performance of his or her industry coverage universe over the next 12-18 months with caution vs. the relevant broad market benchmark, as indicated below.
Benchmarks for each region are as follows: North America - S&P 500; Latin America - relevant MSCI country index or MSCI Latin America Index; Europe - MSCI Europe; Japan - TOPIX; Asia - relevant MSCI country index or MSCI sub-regional index or MSCI AC Asia Pacific ex Japan Index.

Stock Price, Price Target and Rating History (See Rating Definitions)

E Ink Holdings Inc. (8069.TWO) - As of 07/31/26 GMT in TWD
Industry : Greater China Technology Hardware



Stock Rating History: 8/1/21 : NA/I; 6/23/22 : O/I; 11/15/22 : E/I; 5/17/23 : O/I; 4/30/24 : E/I; 6/10/24 : O/I; 5/8/25 : E/I; 8/8/25 : O/I; 1/7/26 : E/I; 5/11/26 : O/I

Price Target History: 6/23/22 : 275; 8/17/22 : 280; 11/15/22 : 200; 3/9/23 : 185; 5/17/23 : 250; 11/16/23 : 217; 2/19/24 : 249; 3/7/24 : 280; 4/30/24 : 200; 6/10/24 : 260; 8/2/24 : 360; 5/8/25 : 250; 5/22/25 : 240; 8/8/25 : 280; 8/14/25 : 310; 11/19/25 : 265; 1/7/26 : 205; 5/11/26 : 250

Source: Morgan Stanley Research Date Format : MM/DD/YY Price Target -- No Price Target Assigned (NA)
Stock Price (Not Covered by Current Analyst) Stock Price (Covered by Current Analyst)
Stock and Industry Ratings (abbreviations below) appear as ♦ Stock Rating/Industry View
Stock Ratings: Overweight (O) Equal-weight (E) Underweight (U) Not-Rated (NR) No Rating Available (NA)
Industry View: Attractive (A) In-line (I) Cautious (C) No Rating (NR)

Effective January 13, 2014, the stocks covered by Morgan Stanley Asia Pacific will be rated relative to the analyst's industry (or industry team's) coverage.

Effective January 13, 2014, the industry view benchmarks for Morgan Stanley Asia Pacific are as follows: relevant MSCI country index or MSCI sub-regional index or MSCI AC Asia Pacific ex Japan Index.

Important Disclosures for Morgan Stanley Smith Barney LLC Customers

Important disclosures regarding any material conflict of interest that can reasonably be expected to have influenced Morgan Stanley Smith Barney LLC's choice of a third-party research provider or the subject company of a third-party research report, are available on the Morgan Stanley Wealth Management disclosure website at www.morganstanley.com/online/researchdisclosures. For Morgan Stanley specific disclosures, you may refer to https://www.morganstanley.com/eqr/disclosures/webapp/generalresearch.

Each Morgan Stanley research report is reviewed and approved on behalf of Morgan Stanley Smith Barney LLC. This review and approval is conducted by the same person who reviews the research report on behalf of Morgan Stanley. This could create a conflict of interest.

Other Important Disclosures

As of July 29, 2026, Morgan Stanley beneficially owned a net long position exceeding 0.5% of the total issued share capital of the following companies covered in Morgan Stanley Research: Lingyi Itech Guangdong Co.

Morgan Stanley Research policy is to update research reports as and when the Research Analyst and Research Management deem appropriate, based on developments with the issuer, the sector, or the market that may have a material impact on the research views or opinions stated therein. In addition, certain Research publications are intended to be updated on a regular periodic basis (weekly/monthly/quarterly/annual) and will ordinarily be updated with that frequency, unless the Research Analyst and Research Management determine that a different publication schedule is appropriate based on current conditions.

Morgan Stanley is not acting as a municipal advisor and the opinions or views contained herein are not intended to be, and do not constitute, advice within the meaning of Section 975 of the Dodd-Frank Wall Street Reform and Consumer Protection Act.

Morgan Stanley produces an equity research product called a "Tactical Idea." Views contained in a "Tactical Idea" on a particular stock may be contrary to the recommendations or views expressed in research on the same stock. This may be the result of differing time horizons, methodologies, market events, or other factors. For all research available on a particular stock, please contact your sales representative or go to Matrix at http://www.morganstanley.com/matrix.

Morgan Stanley Research is provided to our clients through our proprietary research portal on Matrix and also distributed electronically by Morgan Stanley to clients. Certain, but not all, Morgan Stanley Research products are also made available to clients through third-party vendors or redistributed to clients through alternate electronic means as a convenience. For access to all available Morgan Stanley Research, please contact your sales representative or go to Matrix at http://www.morganstanley.com/matrix.

Any access and/or use of Morgan Stanley Research is subject to Morgan Stanley's Terms of Use (http://www.morganstanley.com/terms.html). By accessing and/or using Morgan Stanley Research, you are indicating that you have read and agree to be bound by our Terms of Use (http://www.morganstanley.com/terms.html). In addition you consent to Morgan Stanley processing your personal data and using cookies in accordance with our Privacy Policy and our Global Cookies Policy (http://www.morganstanley.com/privacy_pledge.html), including for the purposes of setting your preferences and to collect readership data so that we can deliver better and more personalized service and products to you. To find out more information about how Morgan Stanley processes personal data, how we use cookies and how to reject cookies see our Privacy Policy and our Global Cookies Policy (http://www.morganstanley.com/privacy_pledge.html). Please use the provided link to review the Terms and Conditions and Most Important Terms and Conditions for Morgan Stanley India Company Private Limited (https://www.morganstanley.com/assets/pdfs/about-us-global-offices/india/Terms_and_conditions.pdf) and the following link to review the audit report (https://ny.matrix.ms.com/eqr/research/webapp/researchdocs/

MSICPL_Morgan_Stanley_Research_Audit_Report.pdf).

If you do not agree to our Terms of Use and/or if you do not wish to provide your consent to Morgan Stanley processing your personal data or using cookies please do not access our research.

Morgan Stanley Research does not provide individually tailored investment advice. Morgan Stanley Research has been prepared without regard to the circumstances and objectives of those who receive it. Morgan Stanley recommends that investors independently evaluate particular investments and strategies, and encourages investors to seek the advice of a financial adviser. The appropriateness of an investment or strategy will depend on an investor's circumstances and objectives. The securities, instruments, or strategies discussed in Morgan Stanley Research may not be suitable for all investors, and certain investors may not be eligible to purchase or participate in some or all of them. Morgan Stanley Research is not an offer to buy or sell or the solicitation of an offer to buy or sell any security/instrument or to participate in any particular trading strategy. The value of and income from your investments may vary because of changes in interest rates, foreign exchange rates, default rates, prepayment rates, securities/instruments prices, market indexes, operational or financial conditions of companies or other factors. There may be time limitations on the exercise of options or other rights in securities/instruments transactions. Past performance is not necessarily a guide to future performance. Estimates of future performance are based on assumptions that may not be realized. If provided, and unless otherwise stated, the closing price on the cover page is that of the primary exchange for the subject company's securities/instruments.

The fixed income research analysts, strategists or economists principally responsible for the preparation of Morgan Stanley Research have received compensation based upon various factors, including quality, accuracy and value of research, firm profitability or revenues (which include fixed income trading and capital markets profitability or revenues), client feedback and competitive factors. Fixed Income Research analysts', strategists' or economists' compensation is not linked to investment banking or capital markets transactions performed by Morgan Stanley or the profitability or revenues of particular trading desks.

The "Important Regulatory Disclosures on Subject Companies" section in Morgan Stanley Research lists all companies mentioned where Morgan Stanley owns 1% or more of a class of common equity securities of the companies. For all other companies mentioned in Morgan Stanley Research, Morgan Stanley may have an investment of less than 1% in securities/instruments or derivatives of securities/instruments of companies and may trade them in ways different from those discussed in Morgan Stanley Research. Employees of Morgan Stanley not involved in the preparation of Morgan Stanley Research may have investments in securities/instruments or derivatives of securities/instruments of companies mentioned and may trade them in ways different from those discussed in Morgan Stanley Research. Derivatives may be issued by Morgan Stanley or associated persons.

With the exception of information regarding Morgan Stanley, Morgan Stanley Research is based on public information. Morgan Stanley makes every effort to use reliable, comprehensive information, but we make no representation that it is accurate or complete. We have no obligation to tell you when opinions or information in Morgan Stanley Research change apart from when we intend to discontinue equity research coverage of a subject company. Facts and views presented in Morgan Stanley Research have not been reviewed by, and may not reflect information known to, professionals in other Morgan Stanley business areas, including investment banking personnel.

Morgan Stanley Research personnel may participate in company events such as site visits and are generally prohibited from accepting payment by the company of associated expenses unless pre-approved by authorized members of Research management.

Morgan Stanley may make investment decisions that are inconsistent with the recommendations or views in this report.

To our readers based in Taiwan or trading in Taiwan securities/instruments: Information on securities/instruments that trade in Taiwan is distributed by Morgan Stanley Taiwan Limited ("MSTL"). Such information is for your reference only. The reader should independently evaluate the investment risks and is solely responsible for their investment decisions. Morgan Stanley Research may not be distributed to the public media or quoted or used by the public media without the express written consent of Morgan Stanley. Any non-customer reader within the scope of Article 7-1 of the Taiwan Stock Exchange Recommendation Regulations accessing and/or receiving Morgan Stanley Research is not permitted to provide Morgan Stanley Research to any third party (including but not limited to related parties, affiliated companies and any other third parties) or engage in any activities regarding Morgan Stanley Research which may create or give the appearance of creating a conflict of interest. Information on securities/instruments that do not trade in Taiwan is for informational purposes only and is not to be construed as a recommendation or a solicitation to trade in such securities/instruments. MSTL may not execute transactions for clients in these securities/instruments.

Certain information in Morgan Stanley Research was sourced by employees of the Shanghai Representative Office of Morgan Stanley Asia Limited for the use of Morgan Stanley Asia Limited. Morgan Stanley is not incorporated under PRC law and the research in relation to this report is conducted outside the PRC. Morgan Stanley Research does not constitute an offer to sell or the solicitation of an offer to buy any securities in the PRC. PRC investors shall have the relevant qualifications to invest in such securities and shall be responsible for obtaining all relevant approvals, licenses, verifications and/or registrations from the relevant governmental authorities themselves. Neither this report nor any part of it is intended as, or shall constitute, provision of any consultancy or advisory service of securities investment as defined under PRC law. Such information is provided for your reference only.

Morgan Stanley Research is disseminated in Brazil by Morgan Stanley C.T.V.M. S.A. located at Av. Brigadeiro Faria Lima, 3600, 6th floor, São Paulo - SP, Brazil; and is regulated by the Comissão de Valores Mobiliários; in Mexico by Morgan Stanley México, Casa de Bolsa, S.A. de C.V which is regulated by Comision Nacional Bancaria y de Valores. Paseo de los Tamarindos 90, Torre 1, Col. Bosques de las Lomas Floor 29, 05120 Mexico City; in Japan by Morgan Stanley MUFG Securities Co., Ltd. and, for Commodities related research reports only, Morgan Stanley Capital Group Japan Co., Ltd; in Hong Kong by Morgan Stanley Asia Limited (which accepts responsibility for its contents) and by Morgan Stanley Bank Asia Limited; in Singapore by Morgan Stanley Asia (Singapore) Pte. (Registration number 199206298Z) and/or Morgan Stanley Asia (Singapore) Securities Pte Ltd (Registration number 200008434H), regulated by the Monetary Authority of Singapore (which accepts legal responsibility for its contents and should be contacted with respect to any matters arising from, or in connection with, Morgan Stanley Research) and by Morgan Stanley Bank Asia Limited, Singapore Branch (Registration number T14FC0118J); in Australia to "wholesale clients" within the meaning of the Australian Corporations Act by Morgan Stanley Australia Limited A.B.N. 67 003 734 576, holder of Australian financial services license No. 233742, which accepts responsibility for its contents; in Australia to "wholesale clients" and "retail clients" within the meaning of the Australian Corporations Act by Morgan Stanley Wealth Management Australia Pty Ltd (A.B.N. 19 009 145 555, holder of Australian financial services license No. 240813, which accepts responsibility for its contents; in Korea by Morgan Stanley & Co International plc, Seoul Branch; in India by Morgan Stanley India Company Private Limited having Corporate Identification No (CIN) U22990MH1998PTC115305, regulated by the Securities and Exchange Board of India ("SEBI") and holder of licenses as a Research Analyst (SEBI Registration No. INH000001105); Stock Broker (SEBI Stock Broker Registration No. INZ000244438), Merchant Banker (SEBI Registration No. INM000011203), and depository participant with National Securities Depository Limited (SEBI Registration No. IN-DP-NSDL-567-2021) having registered office at Altimus, Level 39 & 40, Pandurang Budhkar Marg, Worli, Mumbai 400018, India; Telephone no. +91-22-61181000; Compliance Officer Details: Mr. Tejarshi Hardas, Tel. No.: +91-22-61181000 or Email: tejarshi.hardas@morganstanley.com; Grievance officer details: Mr. Tejarshi Hardas, Tel. No.: +91-22-61181000 or Email: msic-compliance@morganstanley.com. Morgan Stanley India Company Private Limited (MSICPL) may use AI tools in providing research services. All recommendations contained herein are made by the duly qualified research analysts; in Canada by Morgan Stanley Canada Limited; in Germany and the European Economic Area where required by Morgan Stanley Europe S.E., authorised and regulated by Bundesanstalt fuer Finanzdienstleistungsaufsicht (BaFin) under the reference number 149169; in the US by Morgan Stanley & Co. LLC, which accepts responsibility for its contents. Morgan Stanley & Co. International plc, authorized by the Prudential Regulation Authority and regulated by the Financial Conduct Authority and the Prudential Regulation Authority, disseminates in the UK research that it has prepared, and research which has been prepared by any of its affiliates, only to persons who (i) are investment professionals falling within Article 19(5) of the Financial Services and Markets Act 2000 (Financial Promotion) Order 2005 (as amended, the "Order"); (ii) are persons who are high net worth entities falling within Article 49(2)(a) to (d) of the Order; or (iii) are persons to whom an invitation or inducement to engage in investment activity (within the meaning of section 21 of the Financial Services and Markets Act 2000, as amended) may otherwise lawfully be communicated or caused to be communicated. RMB Morgan Stanley Proprietary Limited is a member

INDUSTRY COVERAGE: Greater China Technology Hardware

COMPANY (TICKER)	RATING (AS OF)	PRICE* (07/30/2026)
Andy Meng, CFA		
AAC Technologies Holdings (2018.HK)	O (01/29/2024)	HK$37.94
Accelink Technologies Co. Ltd. (002281.SZ)	U (05/12/2022)	Rmb152.33
BYD Electronics (0285.HK)	O (04/28/2023)	HK$24.02
China TransInfo Technology Co Ltd (002373.SZ)	E (07/18/2023)	Rmb7.75
Dahua Technology Co. Ltd. (002236.SZ)	E (12/12/2024)	Rmb16.16
Eoptolink Technology Inc Ltd (300502.SZ)	O (02/27/2026)	Rmb371.10
Genius Electronic Optical Co. Ltd. (3406.TW)	E (04/23/2025)	NT$447.50
GoerTek Inc (002241.SZ)	U (04/23/2025)	Rmb23.06
Gosuncn Technology Group Co Ltd (300098.SZ)	U (11/07/2022)	Rmb4.54
HIKVision Digital Technology (002415.SZ)	E (12/12/2024)	Rmb35.62
Largan Precision (3008.TW)	O (07/10/2026)	NT$3,715.00
LianChuang Electronic Technology Co Ltd (002036.SZ)	U (06/12/2024)	Rmb6.88
Lingyi Itech Guangdong Co (002600.SZ)	U (04/23/2025)	Rmb12.21
Luxshare Precision Industry Co., Ltd. (002475.SZ)	O (10/24/2016)	Rmb58.35
OFILM Group Co Ltd (002456.SZ)	U (06/12/2024)	Rmb7.03
Q Technology (Group) Company Ltd (1478.HK)	U (03/23/2026)	HK$6.70
Quectel Wireless Solutions Co Ltd (603236.SS)	E (10/09/2024)	Rmb45.41
Shanghai Conant Optical Co Ltd (2276.HK)	O (04/10/2026)	HK$31.00
Shenzhen Transsion Holdings Co Ltd (688036.SS)	E (03/23/2026)	Rmb65.75
Sunny Optical (2382.HK)	E (03/23/2026)	HK$57.20
Suzhou TFC Optical Communication Co Ltd. (300394.SZ)	E (11/06/2025)	Rmb160.10
Wingtech Technology Co Ltd (600745.SS)	U (05/18/2026)	Rmb16.01
Xiaomi Corp (1810.HK)	O (04/14/2021)	HK$31.04
Yangtze Optical Fibre and Cable JSC Ltd (601869.SS)	U (10/13/2021)	Rmb262.66

Yangtze Optical Fibre and Cable JSC Ltd (6869.HK)	O (07/15/2026)	HK$92.00
Yongxin Optics Co Ltd (603297.SS)	E (11/15/2022)	Rmb86.40
Zhejiang Crystal-Optech Co Ltd (002273.SZ)	O (11/15/2022)	Rmb24.69
Zhongji Innolight Co Ltd (300308.SZ)	++	Rmb864.00
ZTE Corporation (0763.HK)	O (06/04/2026)	HK$24.34
ZTE Corporation (000063.SZ)	E (06/04/2026)	Rmb33.30
Derrick Yang		
Accton Technology Corporation (2345.TW)	O (06/06/2024)	NT$1,935.00
Advantech (2395.TW)	O (01/20/2021)	NT$547.00
AirTAC International (1590.TW)	O (04/16/2025)	NT$1,340.00
Asia Vital Components Co. Ltd. (3017.TW)	O (07/30/2024)	NT$2,110.00
AU Optronics (2409.TW)	E (02/10/2026)	NT$22.20
Auras Technology Co Ltd (3324.TWO)	E (05/04/2023)	NT$820.00
Bizlink (3665.TW)	O (03/10/2025)	NT$1,910.00
BOE Technology (000725.SZ)	O (09/06/2019)	Rmb5.36
Chenbro (8210.TW)	O (07/23/2025)	NT$951.00
Chroma Ate Inc. (2360.TW)	O (10/05/2021)	NT$1,910.00
Delta Electronics Inc. (2308.TW)	O (07/13/2017)	NT$1,530.00
E Ink Holdings Inc. (8069.TWO)	O (05/11/2026)	NT$182.00
Ennostar Inc (3714.TW)	U (09/23/2022)	NT$45.55
Fositek Corp (6805.TW)	O (06/25/2025)	NT$1,230.00
Hiwin Technologies Corp. (2049.TW)	O (03/30/2026)	NT$283.00
Innolux (3481.TW)	E (04/07/2025)	NT$41.40
King Slide Works Co. Ltd. (2059.TW)	O (11/08/2023)	NT$7,140.00
Lens Technology (300433.SZ)	E (07/22/2020)	Rmb30.83
Lite-On Technology (2301.TW)	E (01/15/2025)	NT$190.00
TCL Corp. (000100.SZ)	E (04/07/2025)	Rmb4.72
Tianma Microelectronics (000050.SZ)	U (01/24/2018)	Rmb6.45
Wuhan Jingce Electronic Group Co Ltd (300567.SZ)	E (11/26/2021)	Rmb180.19
Howard Kao		
Acer Inc. (2353.TW)	U (04/23/2025)	NT$27.90
Asustek Computer Inc. (2357.TW)	U (11/16/2025)	NT$737.00
Catcher Technology (2474.TW)	U (11/17/2025)	NT$178.50
Compal Electronics (2324.TW)	U (04/23/2025)	NT$33.75
FIT Hon Teng Ltd (6088.HK)	O (11/03/2025)	HK$4.50
Foxconn Industrial Internet Co. Ltd. (601138.SS)	O (07/10/2019)	Rmb53.80
Giga-Byte Technology Co. Ltd. (2376.TW)	E (11/16/2025)	NT$318.50
Gold Circuit Electronics Ltd. (2368.TW)	O (10/06/2022)	NT$721.00
Hon Hai Precision (2317.TW)	O (03/15/2024)	NT$229.50
Inspur Electronic Information (000977.SZ)	E (08/28/2023)	Rmb69.08
LandMark Optoelectronics Corporation (3081.TWO)	E (03/26/2026)	NT$1,485.00
Lenovo (0992.HK)	O (07/10/2026)	HK$21.74
Lotes Co. Ltd. (3533.TW)	E (05/12/2025)	NT$1,690.00
Nan Ya PCB (8046.TW)	O (02/23/2026)	NT$837.00
Pegatron Corporation (4938.TW)	E (03/25/2026)	NT$80.50
Quanta Computer Inc. (2382.TW)	O (05/01/2023)	NT$279.00
Shengyi Technology Co Ltd. (600183.SS)	E (05/26/2022)	Rmb100.08
Shennan Circuits Co Ltd (002916.SZ)	E (08/24/2023)	Rmb284.50
Unimicron (3037.TW)	O (02/23/2026)	NT$716.00
Visual Photonics Epitaxy Co Ltd (2455.TW)	E (09/11/2023)	NT$265.50
Wistron Corporation (3231.TW)	O (07/12/2023)	NT$160.00
Wiwynn Corp (6669.TW)	O (11/10/2025)	NT$4,900.00
Yageo Corp. (2327.TW)	O (10/28/2025)	NT$456.50
Zhen Ding (4958.TW)	O (05/18/2026)	NT$376.00

Stock Ratings are subject to change. Please see latest research for each company.

* Historical prices are not split adjusted.