



TAI-TECH Advanced Electronics Co., Ltd.

TAI-TECH

Magnetizing the Possibility

OTC Code **TAI-TECH 3357**

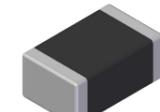
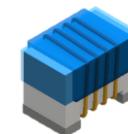
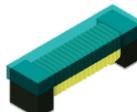
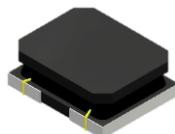
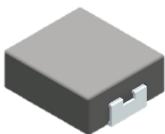
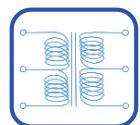
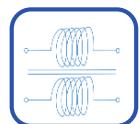
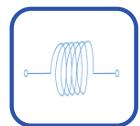
TAI-TECH Advanced Electronics Co., Ltd. **Investor Conference of OTC Market**

Q2, 2024

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Disclaimer

- This file and the financial information and forecast information are based on information obtained by the company from internal and external sources. The actual operating results and financial conditions of the company may differ from these predictive sets of information due to various uncontrollable factors.
- The viewpoints in this file reflects the company's opinion on the future by the current date. If there are any changes or adjustment in the future, the company is not responsible for notifying the reader or updating the content.



1975

Founded in 1975, until now, we have 49 years manufacturing experience

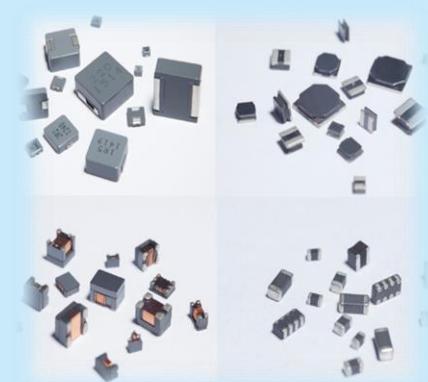
1980

3 facilities, including Taiwan, KunShan, and SiHong
TW-515, CN-1465



141M

2023 sales Revenue
USD 141 millions



21B

2023 Selling Quantity
21.24 Billion pcs

Timeline



NW E Established

Main Product: Ni-Zn Ferrite Core and material



TTA merged NW E

TAI-TECH merged NW E as TAI-TECH Advanced Electronics



TAIPAQ Established

Main Product: Molding Power Inductor



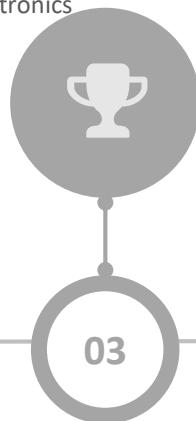
Invest southern east Asia Facility in 2024 (Malaysia)

2024~



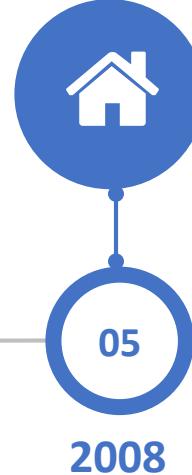
1992

02



2001

04



2021

06



To establish Taiwan 2nd Factory



TAI-TECH Established

Main Product: Multilayer Chip Bead/ Inductor

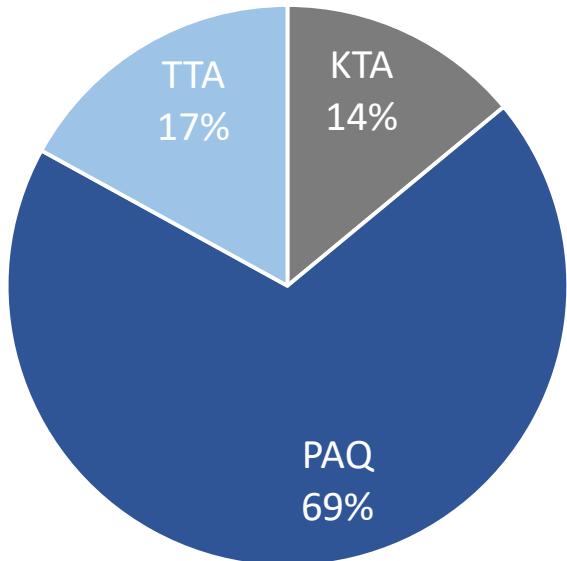


TT KunShan Established

Main Product: Multilayer Chip Bead/ Inductor, Common Mode Filter



Manufacturing Facilities



Tao-Yuan, Taiwan (Headquarter-TTA)



Est.: Oct, 1975
Employee: 515
ISO 9001
ISO 14001
ISO 45001
IATF 16949

Product :
Common Mode Filter/
LAN Transformer
Wirewound Inductor
Molding Power Inductor
Assembly Power Inductor
Multilayer Chip Bead
Ferrite Core / Powder

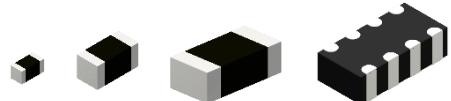


Kun-Shan, Jiang-Su (China-KTA)



Est.: Feb, 2001
Employee: 160
ISO 9001
ISO 14001
ISO 45001
IATF 16949

Product :
Multilayer Chip Bead
Multilayer Chip Inductor



Si-Hong, Jiang-Su (China-PAQ)



Est.: Nov, 2008
Employee: 1305
ISO 9001
ISO 14001
ISO 45001
IATF 16949

Product :
Multilayer Chip Bead
Common Mode Filter
Molding Power Inductor
Sealed Power Inductor
LAN Transformer Module



Main Products & Sales Ratio

Multilayer Chip Bead / Inductor

Beads: FCB/FCM/HCB/HFZ

Size(mm): 1005 ~ 4532

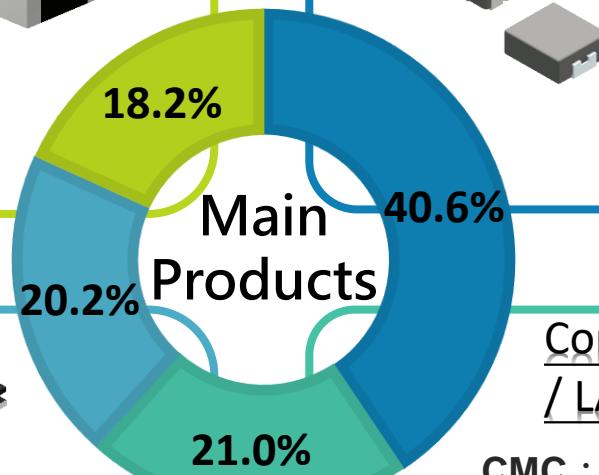
Competitors:
 Murata(JP),
 TDK(JP), YAGEO/Chilisin(TW)



Inductors: FCI/FCH/HCI/CPI

Size(mm): 1005 ~ 3216

Competitors: Murata(JP),
 TY(JP), YAGEO/Chilisin(TW)

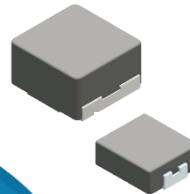


Molding Power Inductor

Molding: TMPC/TMPA/TMPF/TMPV/

TBMA/AWP/TMIM

Size(mm): 2.0x1.6 ~ 23x23



Competitors:
 VISHAY(US)

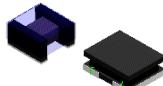
DELTA/Cyntec(TW)

Coilcraft(US), Murata(JP)

Wirewound Inductor / Power Inductor

Wirewound: SWI/SWF/PAS/APO

Size(mm): 1608 ~ 1225



Competitors:
 Murata(JP), CoilCraft(US),
 TDK(JP)

Power: HPC/DFP/AHP / SL/SEPI / TLVR

Size(mm): 1608 ~ 8x8, 4x4~11x5

Competitors: TY(JP), Murata(JP), TDK(JP)

Common Mode Filter / LAN Filter / LAN Module

CMC : WCM/HDMI/HSF/ACM/BCM

Size(mm): 1210 ~ 9152



Competitors:

Murata(JP), TDK(JP)

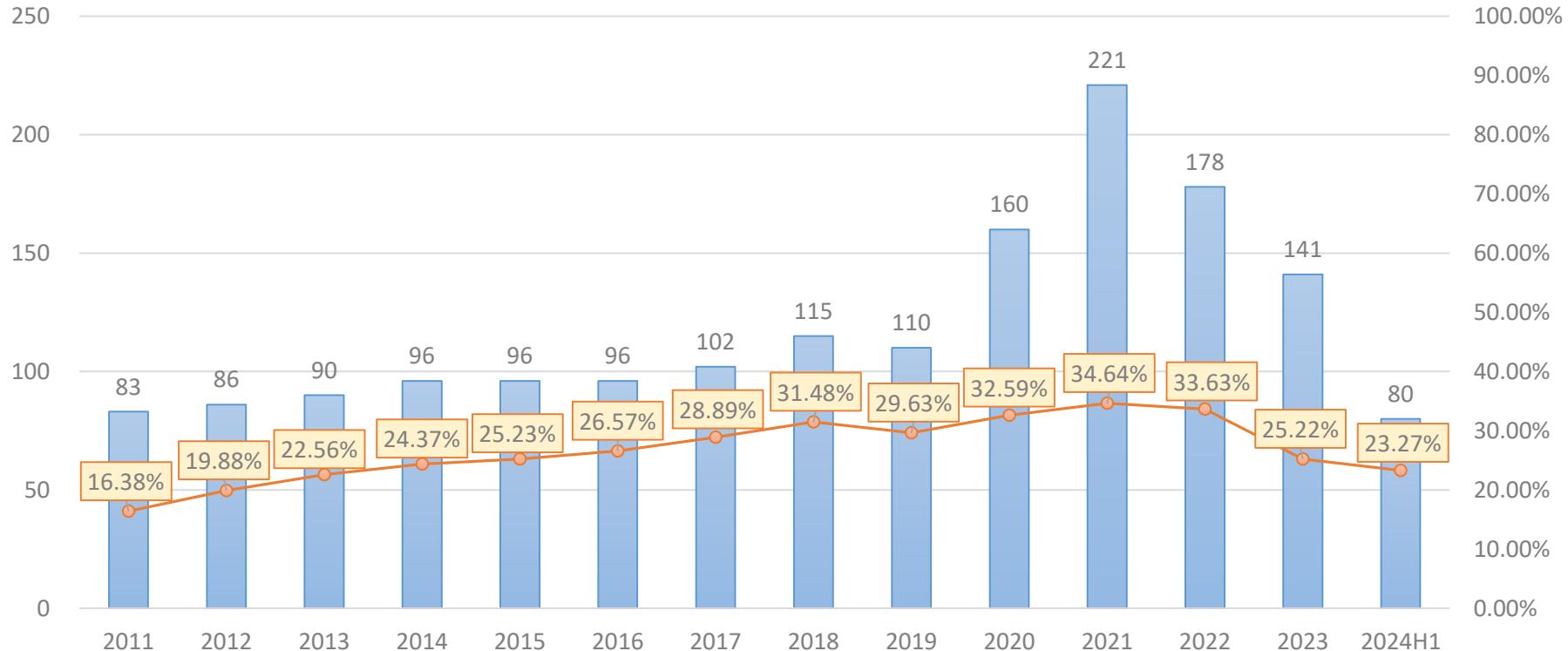
LAN: TXF/DCM, LAN

Size(mm): 3216~5645

PCB Layout and evaluation module available

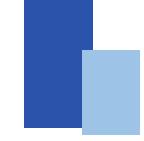
Sales Revenue

US\$ Million

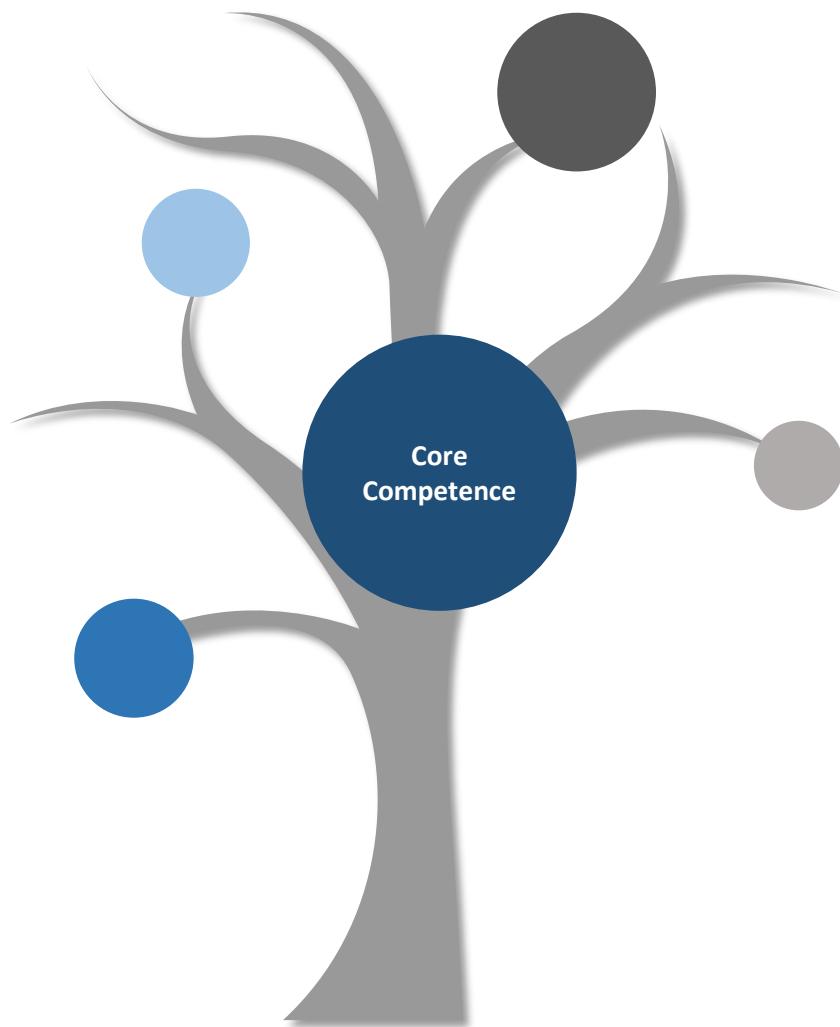


EPS	0.72	0.42	2.23	3.04	3.35	3.10	3.36	5.50	4.83	8.07	12.08	10.11	5.82	3.37
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Revenue 
Gross Profit Margin 



Core Competence



Vertical Integration

Vertical integration manufacturing process from ferrite recipe to multilayer, wirewound, and molding process to assure the steady quality and cost.

Design Capabilities

Developing from ferrite core design to assure new products with excellent performance and easy to overcome any mass production issues.

Flexibilities

Multiple process such as multilayer, wirewound, molding, assembly can be applied on the required custom products to find out the best process and solutions.

Material Technology

Ferrite, alloy, ceramic materials with over 40 recipes can be chosen to achieve best electrical performance.

2024 Q2 Consolidated Income Sheet

Unit : NT\$ in k

	2024, Q2	2024, Q1	2023, Q2	QoQ	YoY
Operating Revenue	1,369,214	1,171,733	1,093,980	16.9%	25.2%
Gross Profit	326,871	264,410	255,886	23.6%	27.7%
(%)	23.9%	22.6%	23.4%	(+1.3ppt)	(+0.5ppt)
Operating Expenses	181,831	172,728	167,094	5.3%	8.8%
(%)	13.3%	14.7%	15.3%	(-1.5ppt)	(-2.0ppt)
Net Operating Income	145,040	91,682	88,792	58.2%	63.3%
(%)	10.6%	7.8%	8.1%	(+2.8ppt)	(+2.5ppt)
Non-operating Income & Expenses	94,467	73,878	115,836	27.9%	-18.4%
Profit of the year (Tax Paid)	198,662	144,679	169,508	37.3%	17.2%
(%)	14.5%	12.3%	15.5%	(+2.2ppt)	(-1.0ppt)
EPS	1.95	1.42	1.66		

Remark 1: The quarter financial statement are the figures after audit by accountants

Remark 2: Express in thousands of New Taiwan dollars, except EPS in New Taiwan dollars

2024H1 Consolidated Income Sheet

Unit : NT\$ in k

	2024H1	2023H1	YoY
Operating Revenue	2,540,947	2,269,848	11.9%
Gross Profit (%)	591,281 23.3%	616,440 27.2%	-4.1% (-3.9ppt)
Operating Expenses (%)	354,559 14.0%	324,303 14.3%	9.3% (-0.3ppt)
Net Operating Income (%)	236,722 9.3%	292,137 12.9%	-19.0% (-3.6ppt)
Non-operating Income & Expenses	168,345	125,365	34.3%
Profit of the year (Tax Paid) (%)	343,341 13.5%	347,096 15.3%	-1.1% (-1.8ppt)
EPS	3.37	3.40	

Remark 1: The financial statement are the figures after audit by accountants

Remark 2: Express in thousands of New Taiwan dollars, except EPS in New Taiwan dollars

2024Q2 Consolidated Balance Sheet

Consolidated Balance Sheet and Important Financial Indicator

Unit: NT\$ in k

Accounting Title	Jun. 30, 2024		Jun. 30, 2023	
	Amount	%	Amount	%
Cash and cash equivalents	1,949,107	17	1,458,584	14
Accounts receivable	2,130,766	19	1,723,375	26
Inventory	856,061	7	852,370	8
Long-term investment	2,105,773	18	1,970,714	19
Property, plant and equipment	4,048,512	35	4,211,446	40
Total Assets	11,497,372	100	10,467,630	100
Current Liabilities	1,828,872	16	2,340,199	22
Non-current portion of non-current borrowings	2,474,915	22	1,523,579	15
Total Liabilities	4,590,145	40	4,131,269	39
Total Equity	6,907,227	60	6,336,361	61
Important Financial Indicator				
Return on equity(%)	10.1		10.8	
Return on assets(%)	6.4		7.2	
EPS(NTD)	3.37		3.40	11

2024Q2 Consolidated Statement of Cash Flow



Unit: NT\$ in k

Cash Flows	Jun. 30, 2024	Jun. 30, 2023
	Amount	Amount
Opening Cash	2,152,634	1,528,877
Cash inflow from operating activities	312,619	603,814
Capital expenditures	(216,983)	(165,580)
Cash Dividend	(459,153)	0
Short-term borrowings	50,000	500,00
Long-term borrowings	(18,866)	435,134
Investment and others	128,856	(1,443,661)
Closing Cash	1,949,107	1,458,584
Free cash flow	95,636	438,234

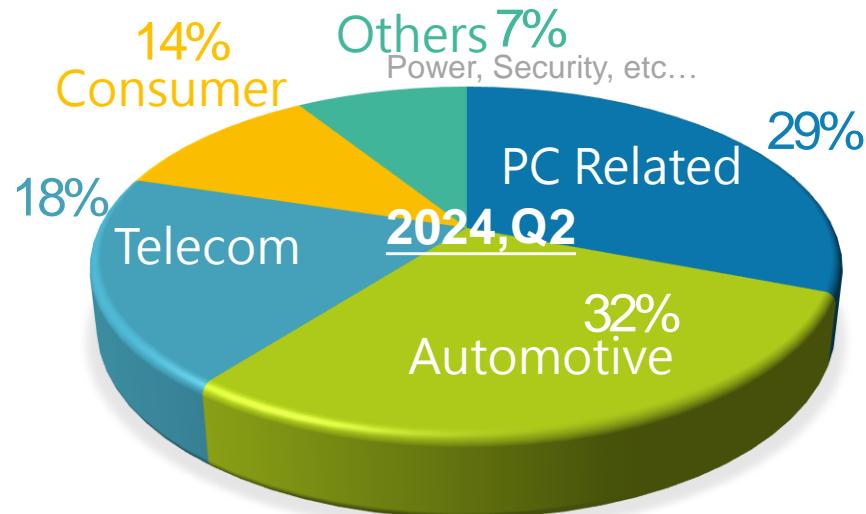
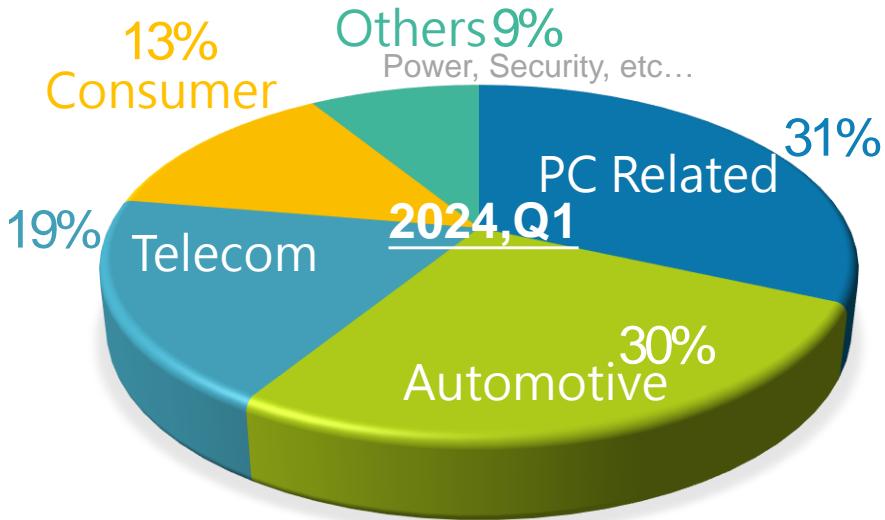
Remark: Free cash flow = Cash inflow from operating activities – Capital expenditures

2023 Dividend Policy

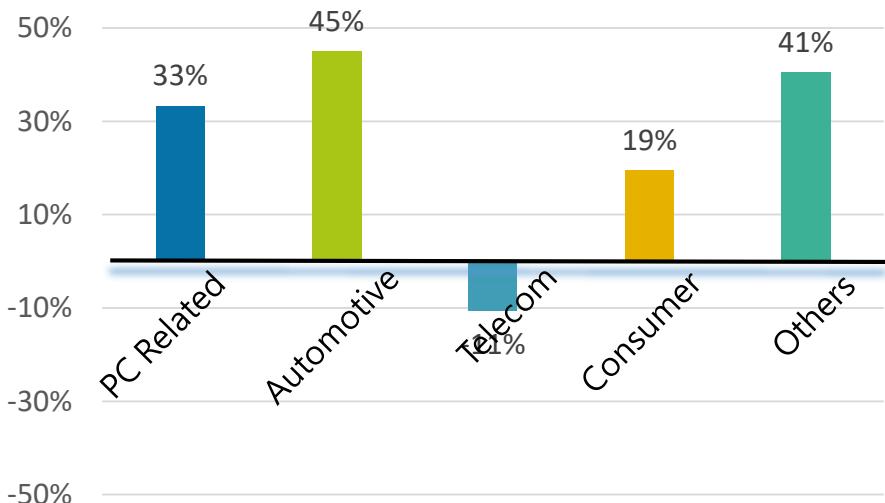
Unit: NT\$ in k

Dividend Distribution	2023 Amount	2022 Amount	2021 Amount
Operating income	4,431,789	5,291,333	6,165,281
Operating Margin	463,144	1,019,017	1,330,196
Net Profit before Tax	669,225	1,236,960	1,391,313
Net Profit for the period	593,383	1,038,537	1,197,065
EPS	5.82	10.11	12.08
Dividend per share	4.50	6.00	7.00
Cash dividend	459,153	612,204	721,938
Payout ratio	77.4%	58.9%	60.3%
Capital expenditures	260,973	746,848	2,069,631
Depreciation and amortization	517,299	498,342	392,586
R&D Costs	155,250	157,741	142,012

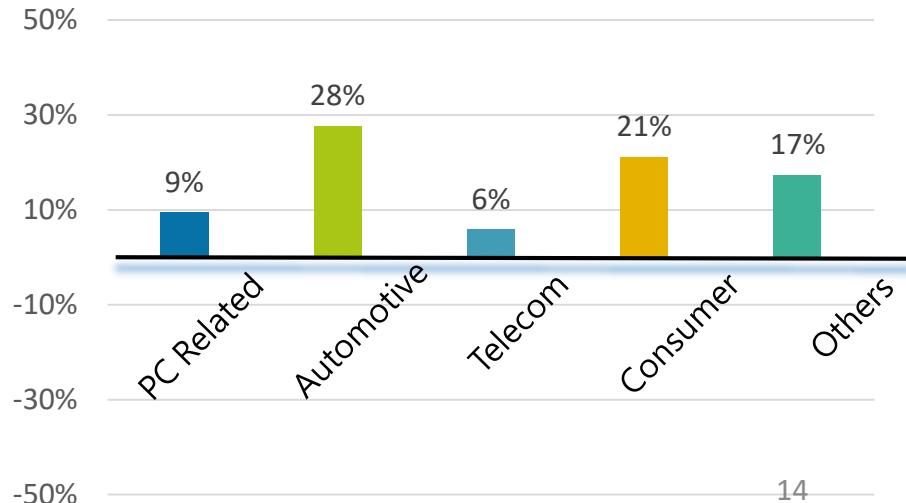
Main Customers



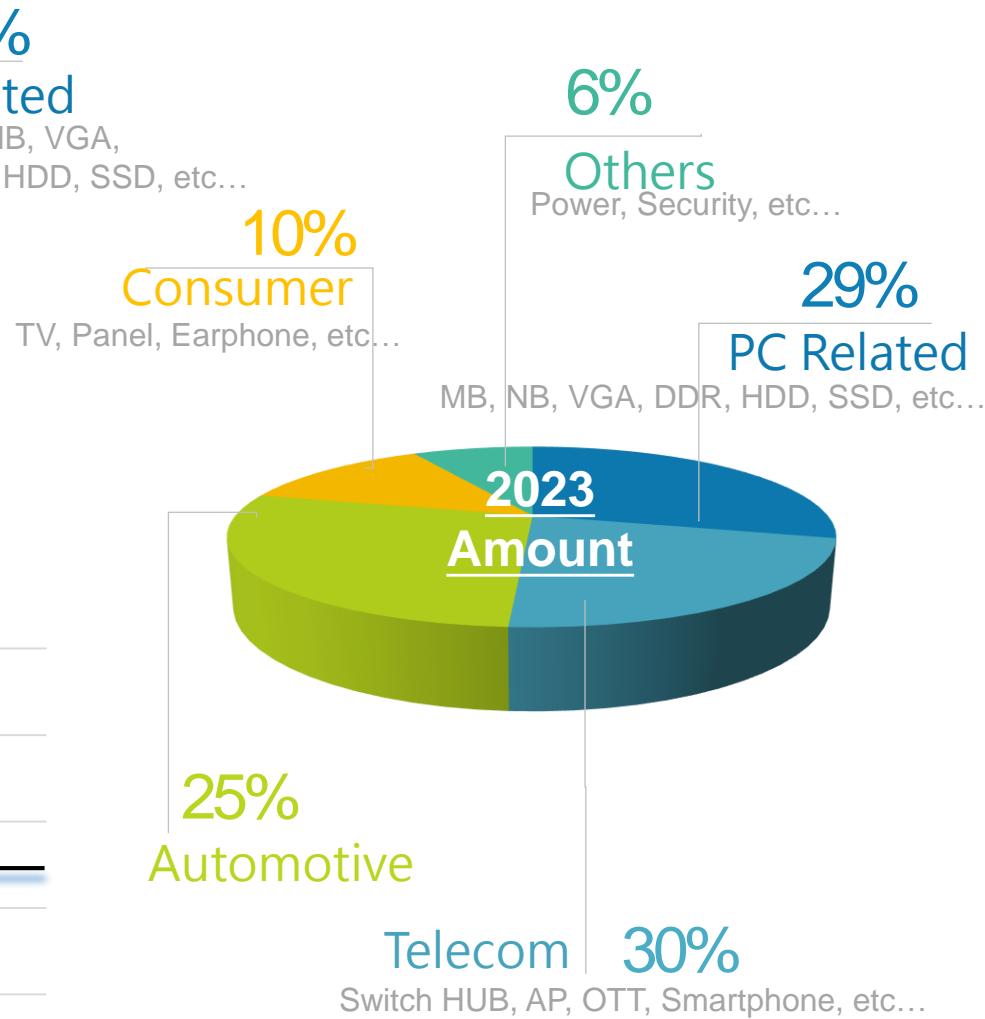
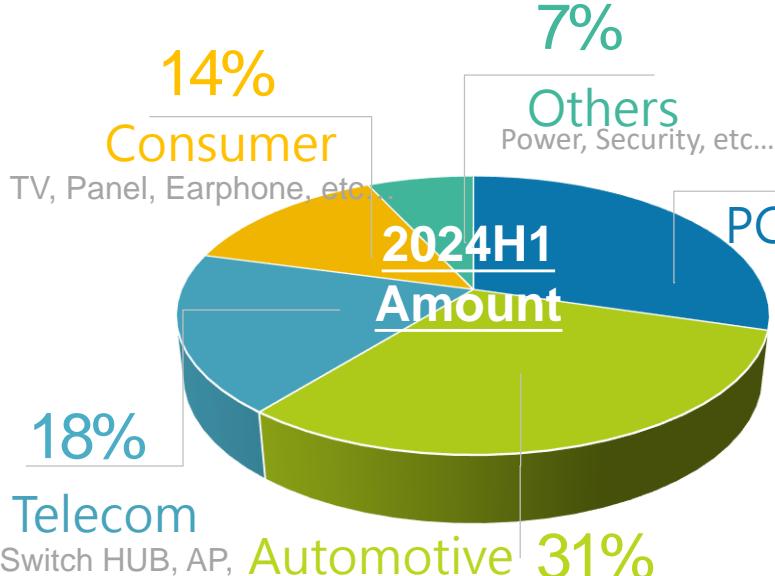
YoY (112Q2)



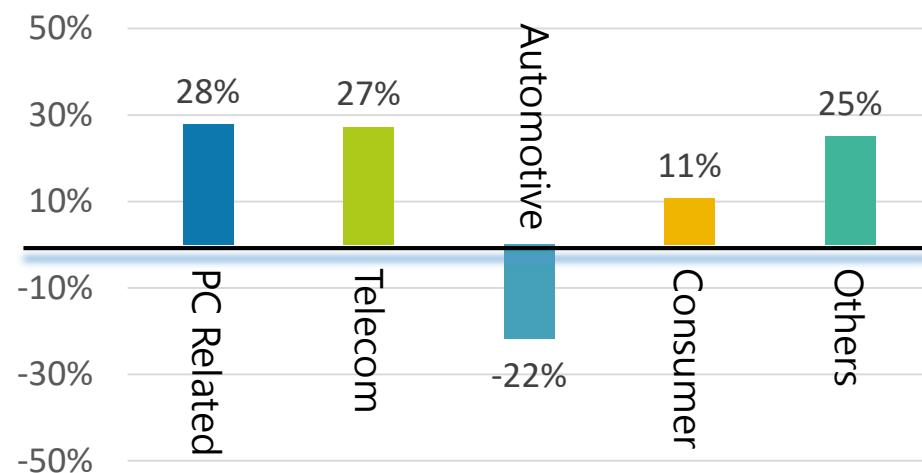
QoQ



Main Customers



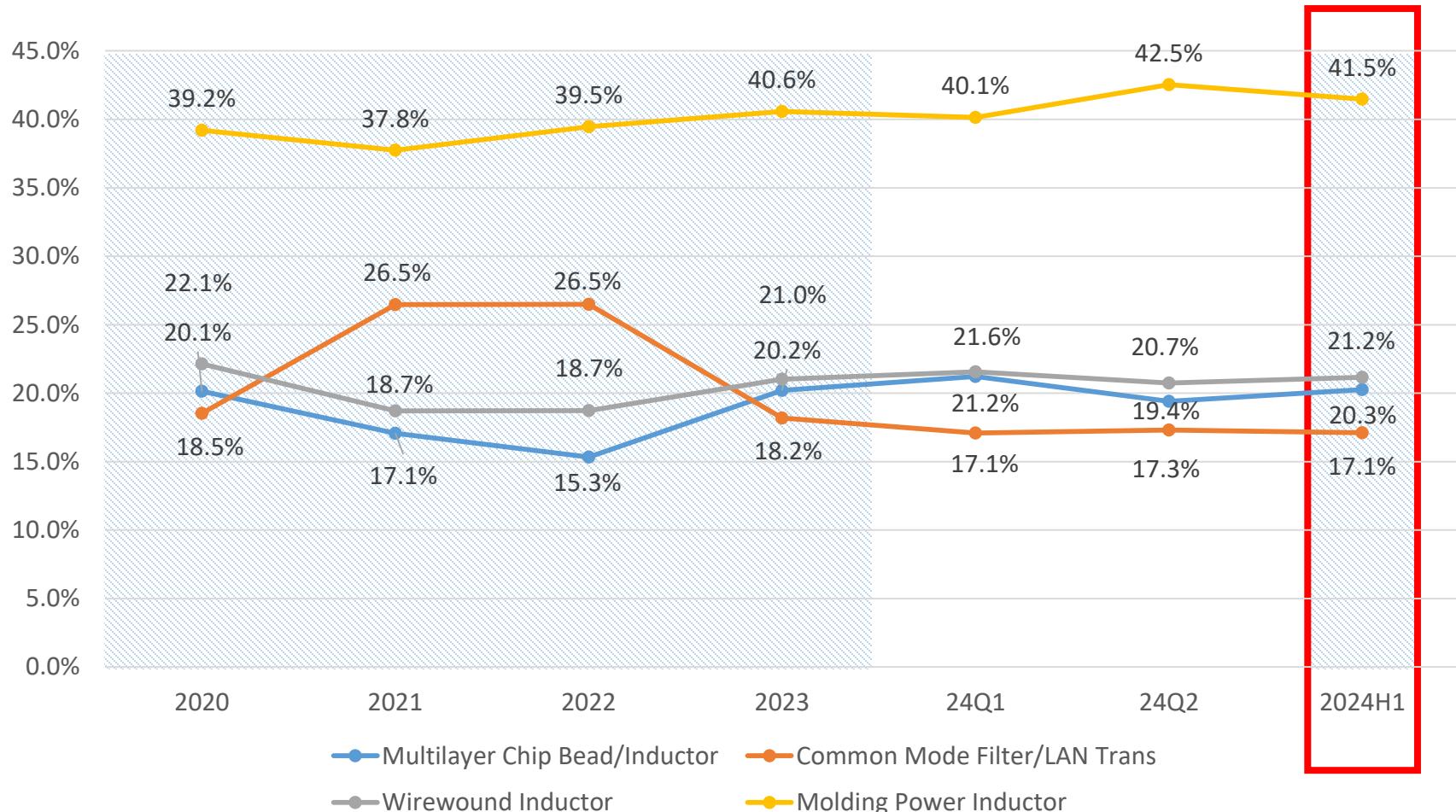
YoY(H1)



Products Sales Ratio & Profit Margin (2024)

Product Line	Product Name	2024H1 Revenue	2024H1 Profit	2023 Revenue	2023 Profit
Multilayer	Multilayer Chip Bead	20.3%		20.2%	
	Multilayer Chip Inductor				
Single Wirewound	Wirewound Inductor	21.2%		21.0%	
Molding	Molding Power Inductor	41.5%	23.3%	40.6%	25.2%
Dual and Multiple Wirewound	Common Mode Filter	10.0%		8.9%	
	LAN Transformer	7.1%			

Last 5 Years Main Products Sales Ratio



2023 Monthly Revenue

Y2023 Monthly Revenue



2022 Revenue

5,291,333

2023 Revenue

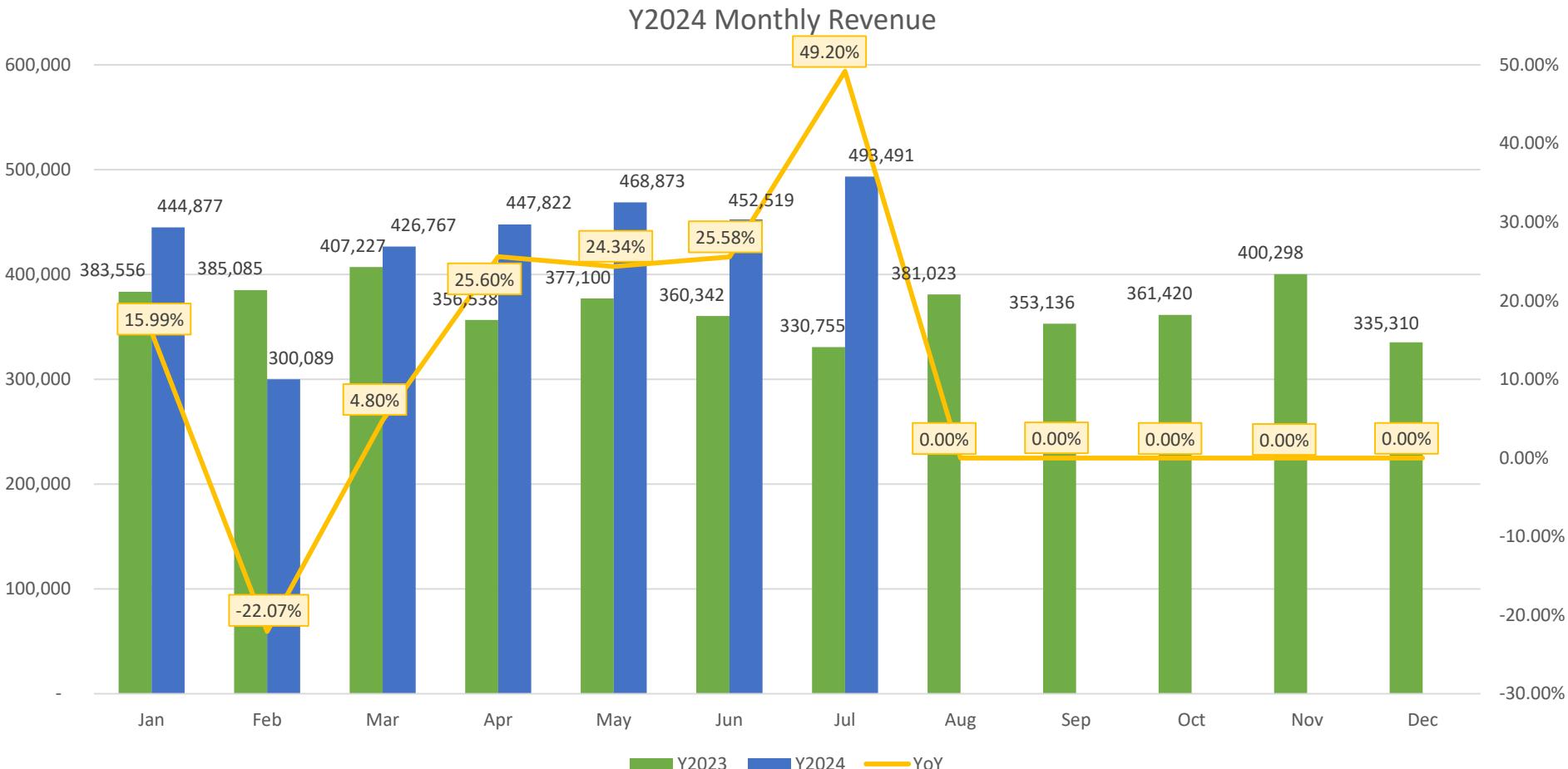
4,431,789

YoY

- 16.24%

Unit : NT\$ in k

2024 Monthly Revenue


2023 Revenue

4,431,789

2023, Jan.-Jul.

2,600,602

2024, Jan.-Jul.

3,034,438

YoY

+ 16.68%

Unit : NT\$ in k

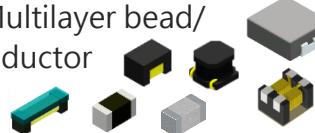
Future Focused Market & What's next



Automotive

- ADAS**
(Camera, Radar)
- IVI**
(Cluster, Infotainment)
- Body Sys,**
(BCM, LED Lighting)
- EV/HV**
(EV/HV, BMS)
- Comfort**
(EPS, Start-stop)

- ✓ Common mode filter
- ✓ TPMS Low-freq. antenna
- ✓ Molding power inductor
- ✓ Sealed power inductor
- ✓ Multilayer bead/ inductor



Telecom

- Switch HUB
- AP Router
- HUB
- 5G Base Station
- IoT

- ✓ Common mode filter
- ✓ Molding power inductor
- ✓ Sealed power inductor
- ✓ Multilayer bead/ IND.
- ✓ Wirewound IND.
- ✓ LAN Transformer



HPC

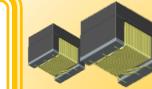
- High Performance Computing

- Cloud Computing
- AI Server
- New Gen. Memory (DDR5)

- ✓ Common mode filter
- ✓ Molding power inductor
- ✓ Sealed power inductor
- ✓ Multilayer bead/IND.
- ✓ LAN Transformer



Power Over Coaxial (POC)



- Multiple Spec Ready to be chosen
(Direct cross to TDK, Murata, CoilCraft)

Automotive CMC



- Car Ethernet
- Automotive Domain Control

High Efficiency



- Hot press molding
achieve miniature, energy saving

Discrete LAN Transformer



- Combo Discrete Chip LAN



- Discrete Chip LAN Array (2in1)

LAN Transformer Module



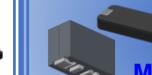
- Function add LAN Module

DDR5 Memory



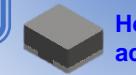
- High eff. Power IND. For next Gen.

TLVR Application



- Miniature
- Combo

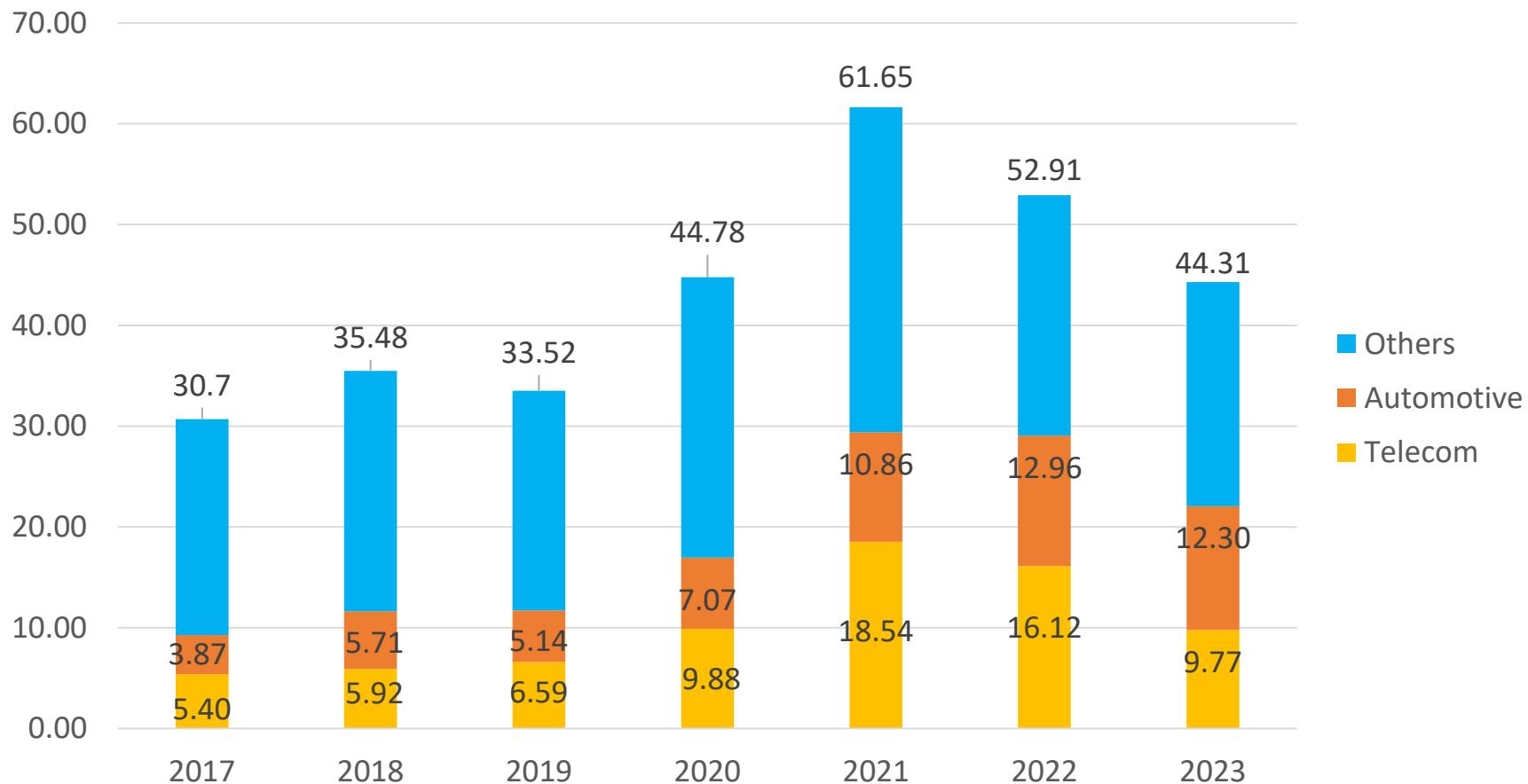
High Efficiency



- Hot press molding
achieve miniature, energy saving

Telecom & Automotive Revenue

NTD/ 100M



Corporate Sustainability

Environmental

TAI-TECH actively implements environmental responsibilities, regularly publishes corporate sustainability reports, and records environmental performance. Develop a carbon footprint verification plan to assess and monitor carbon footprints. Efforts are made to take various measures to reduce energy consumption, reduce carbon emissions, improve energy efficiency, implement energy-saving actions, and adopt renewable energy to reduce environmental impact and pursue sustainable development of the environment.



Social

The social strategies of TAI-TECH are "like-minded, symbiotic, co-prosperous, and local." For a long time, in addition to cultivating local community activities, we have also become cooperative partners with all parties. While fully safeguarding and respecting labor rights and interests, we also actively evaluate and invest in various public welfare activities to support local economic and social development. Realize the long-term goal of common prosperity and implement the spirit of sustainability.

Govenance

TAI-TECH adheres to the core value of "mutual respect, unity, and creation of development". Adhere to compliance with laws and regulations, attach importance to the rights and interests of shareholders, and respect the rights of stakeholders. An excellent corporate governance structure has been established to ensure a visible decision-making mechanism and strict responsibility system. Efficient team leaders ensure that the company's strategy is consistent with ESG goals, continue to promote innovation, and maintain employee well-being and social contributions. Our long-term success is the result of this culture of positive corporate governance.

THANK YOU

OTC Code TAI-TECH 3357

