

# TAI-TECH Advanced Electronics Co., Ltd.

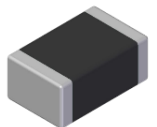
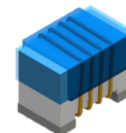
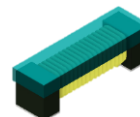
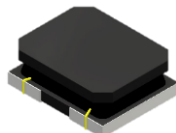
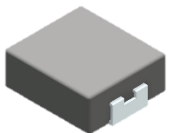
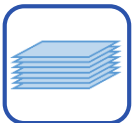
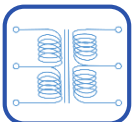
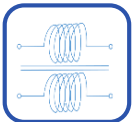
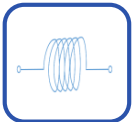
## Investor Conference of OTC Market

Q2, 2024

Investor Contact Window:

TEL: (03) 4641148 Ext.1203 (Ms. Chang)

E-Mail: [invest@tai-tech.com.tw](mailto:invest@tai-tech.com.tw)



# 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.

# ABOUT



## 1975

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

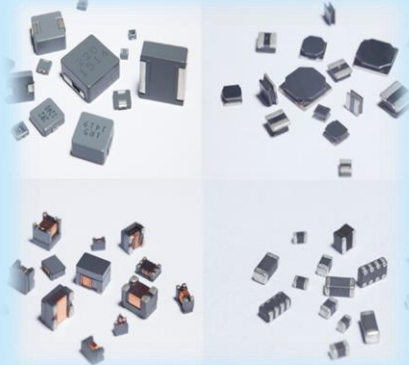
## 1980

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

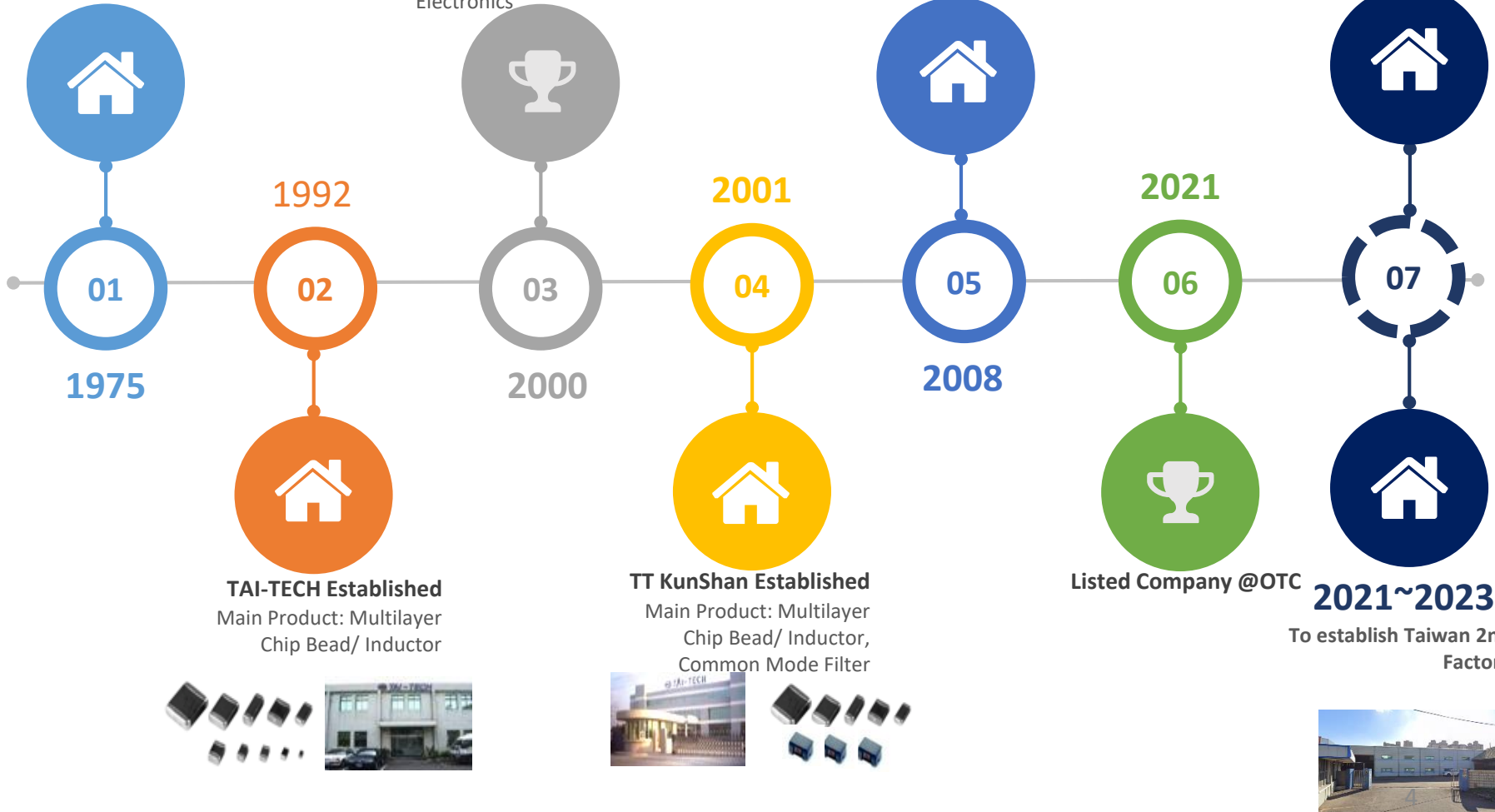


## TAIPAQ Established

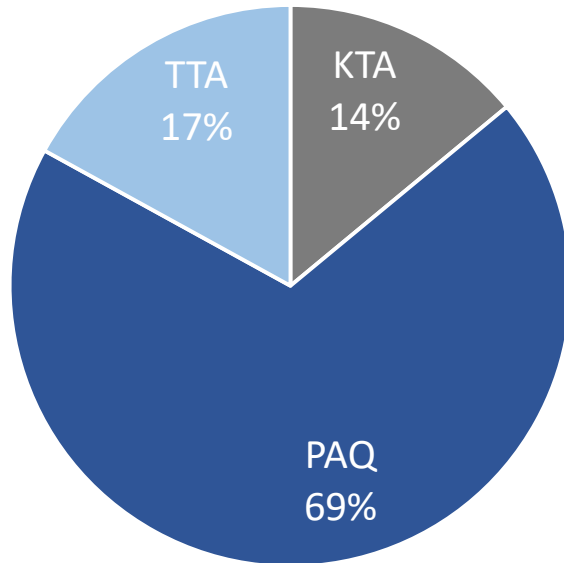
Main Product: Molding  
Power Inductor



Invest southern east Asia Facility  
in 2024 (Malaysia)  
**2024~**



# 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



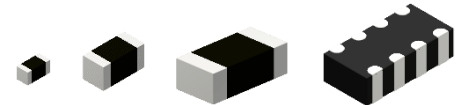
## Kun-Shan, Jiang-Su (China-KTA)



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



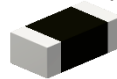
# Main Products & Sales Ratio

## 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**

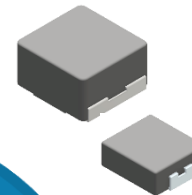
**Size(mm): 1005 ~ 3216**

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

## Molding Power Inductor

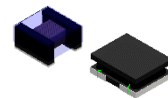
**Molding: TMPC/TMPA/TMPF/TMPV/  
TBMA/AWP/TMIM**

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



Competitors:  
VISHAY(US)  
DELTA/Cyntec(TW)  
Coilcraft(US), Murata(JP)

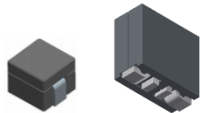
## Wirewound Inductor / Power Inductor



**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**

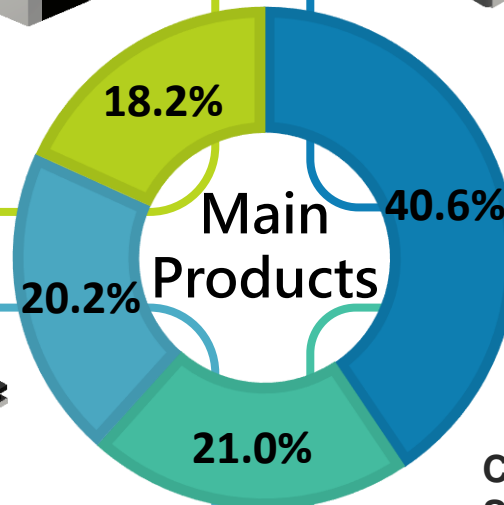
Competitors:  
Murata(JP), TDK(JP)



**LAN: TXF/DCM, LAN**

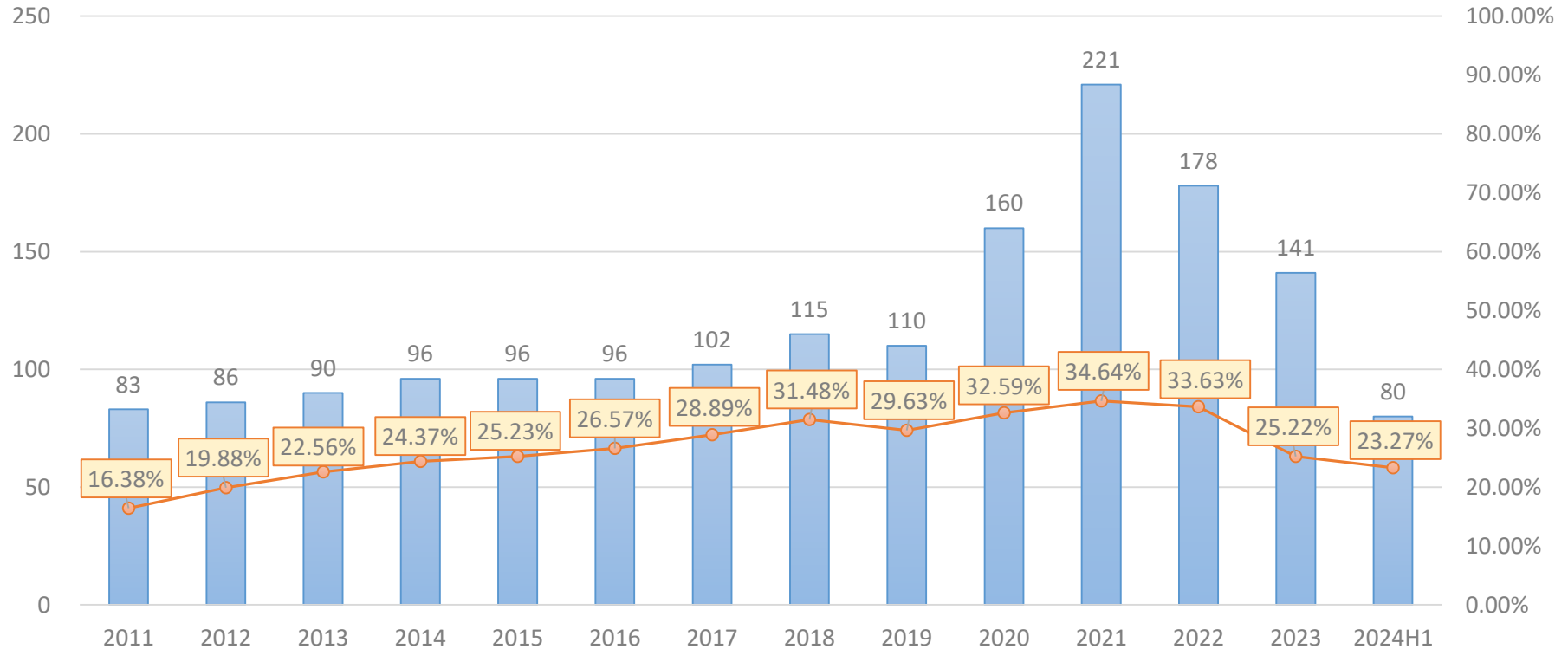
**Size(mm): 3216~5645**

**PCB Layout and evaluation module  
available**





# Sales Revenue

US\$ Million



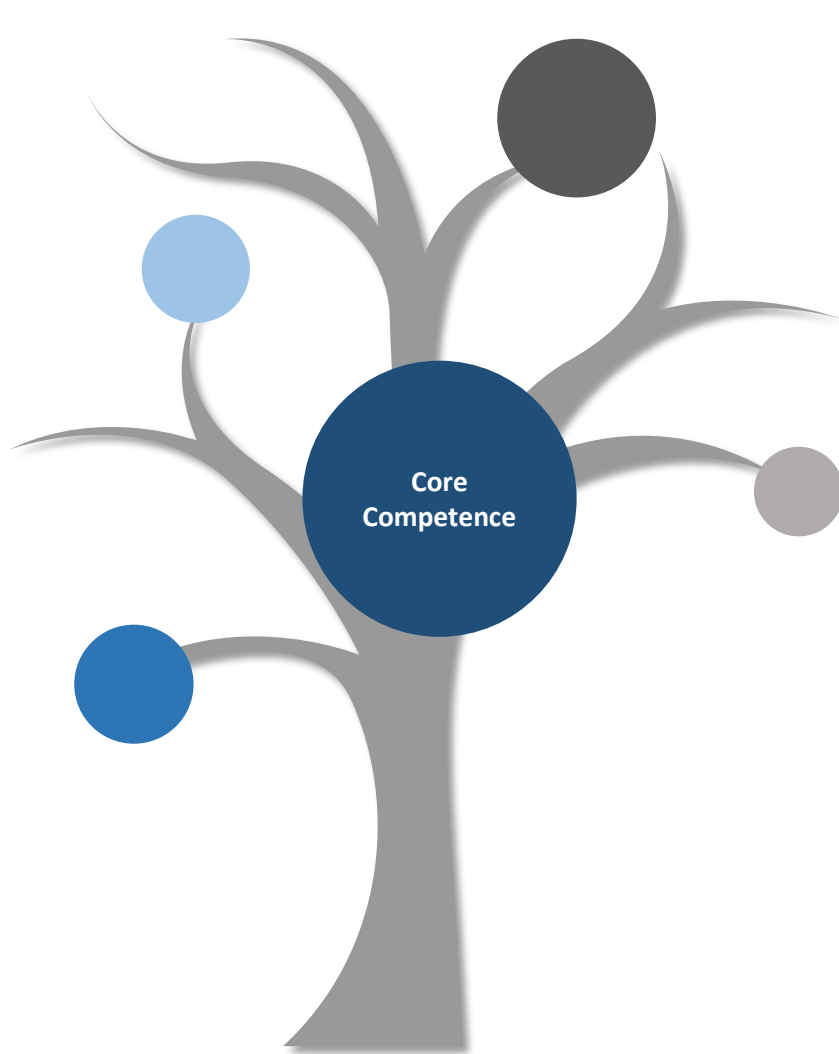
EPS

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
------	------	------	------	------	------	------	------	------	------	-------	-------	------	------

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%	<b>(-1.5ppt)</b>	<b>(-2.0ppt)</b>
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%	<b>-18.4%</b>
Profit of the year (Tax Paid)	198,662	144,679	169,508	37.3%	17.2%
(%)	14.5%	12.3%	15.5%	(+2.2ppt)	<b>(-1.0ppt)</b>
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	616,440	-4.1%
(%)	23.3%	27.2%	(-3.9ppt)
Operating Expenses	354,559	324,303	9.3%
(%)	14.0%	14.3%	(-0.3ppt)
Net Operating Income	236,722	292,137	-19.0%
(%)	9.3%	12.9%	(-3.6ppt)
Non-operating Income & Expenses	168,345	125,365	34.3%
Profit of the year (Tax Paid)	343,341	347,096	-1.1%
(%)	13.5%	15.3%	(-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
<b>Inventory</b>	<b>856,061</b>	<b>7</b>	<b>852,370</b>	<b>8</b>
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	

# 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

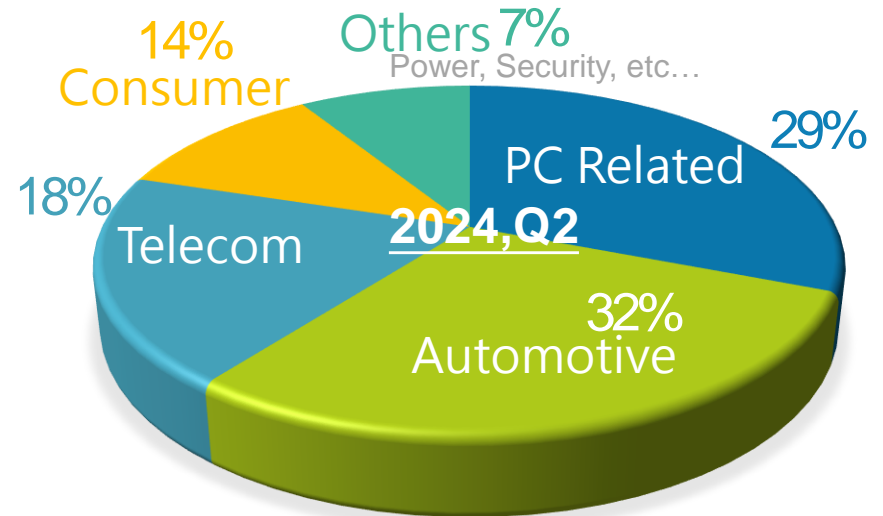
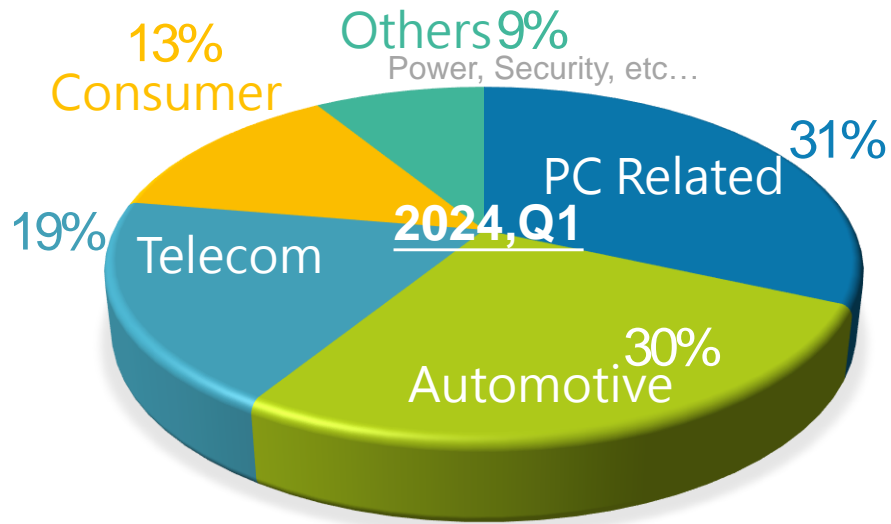
Remark: Free cash flow = Cash inflow from operating activities – Capital expenditures

# 2023 Dividend Policy

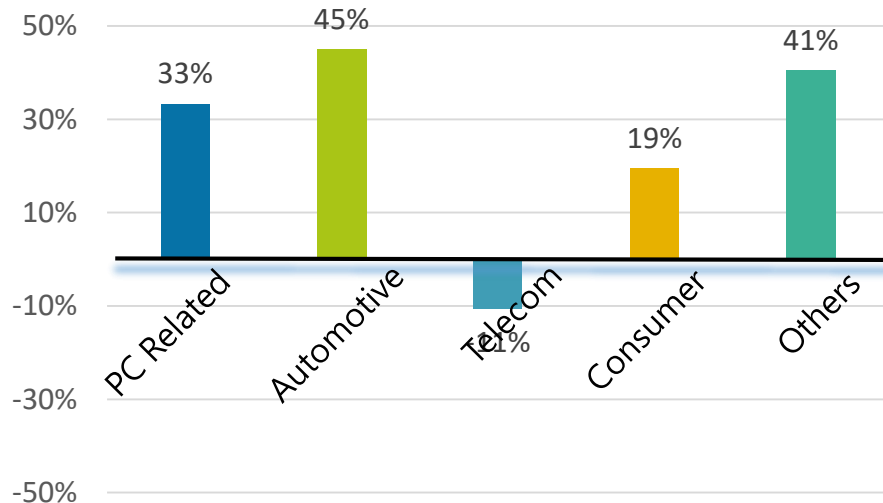
Unit: NT\$ in k

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

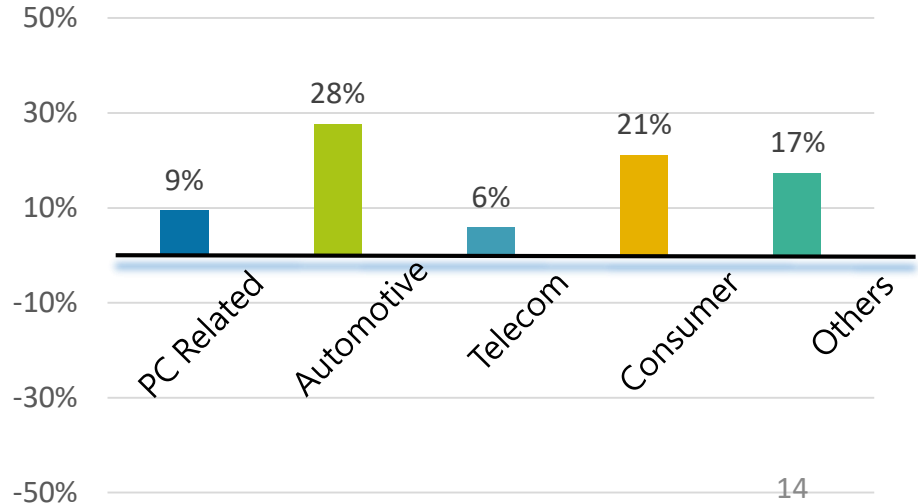
# Main Customers



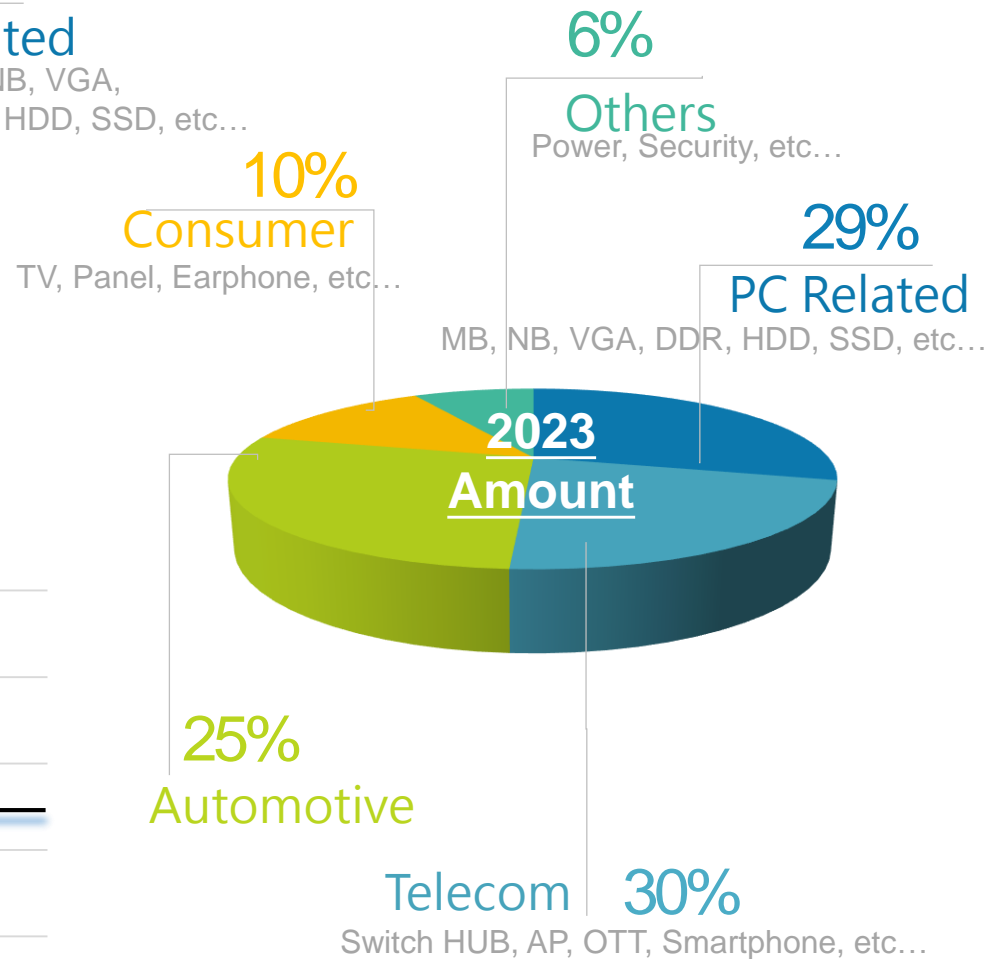
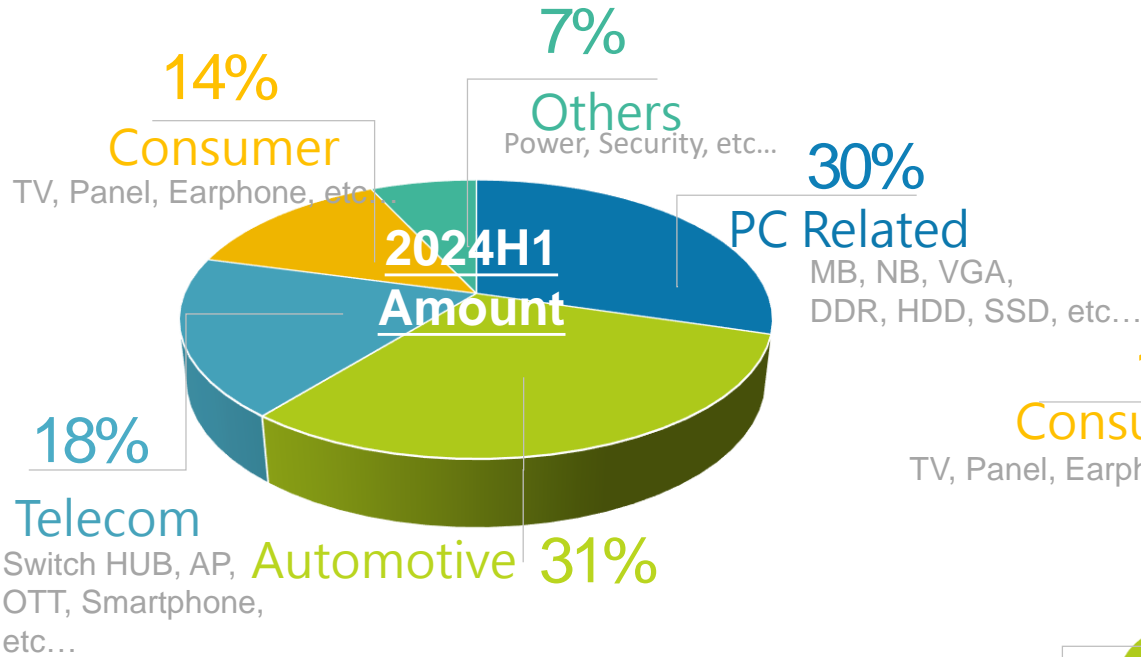
## YoY (112Q2)



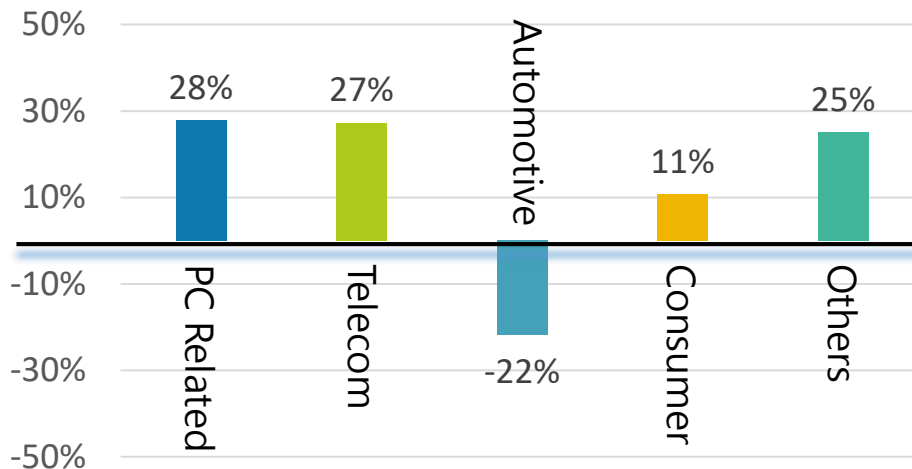
## QoQ



# Main Customers


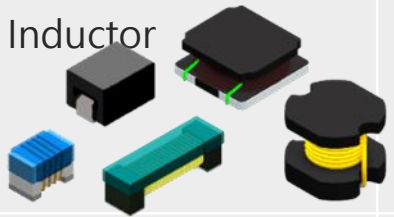
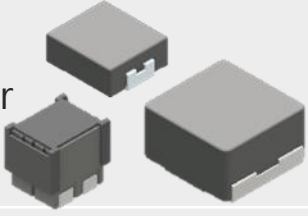

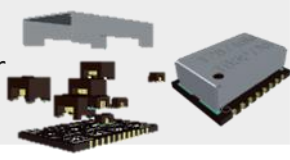


## YoY(H1)

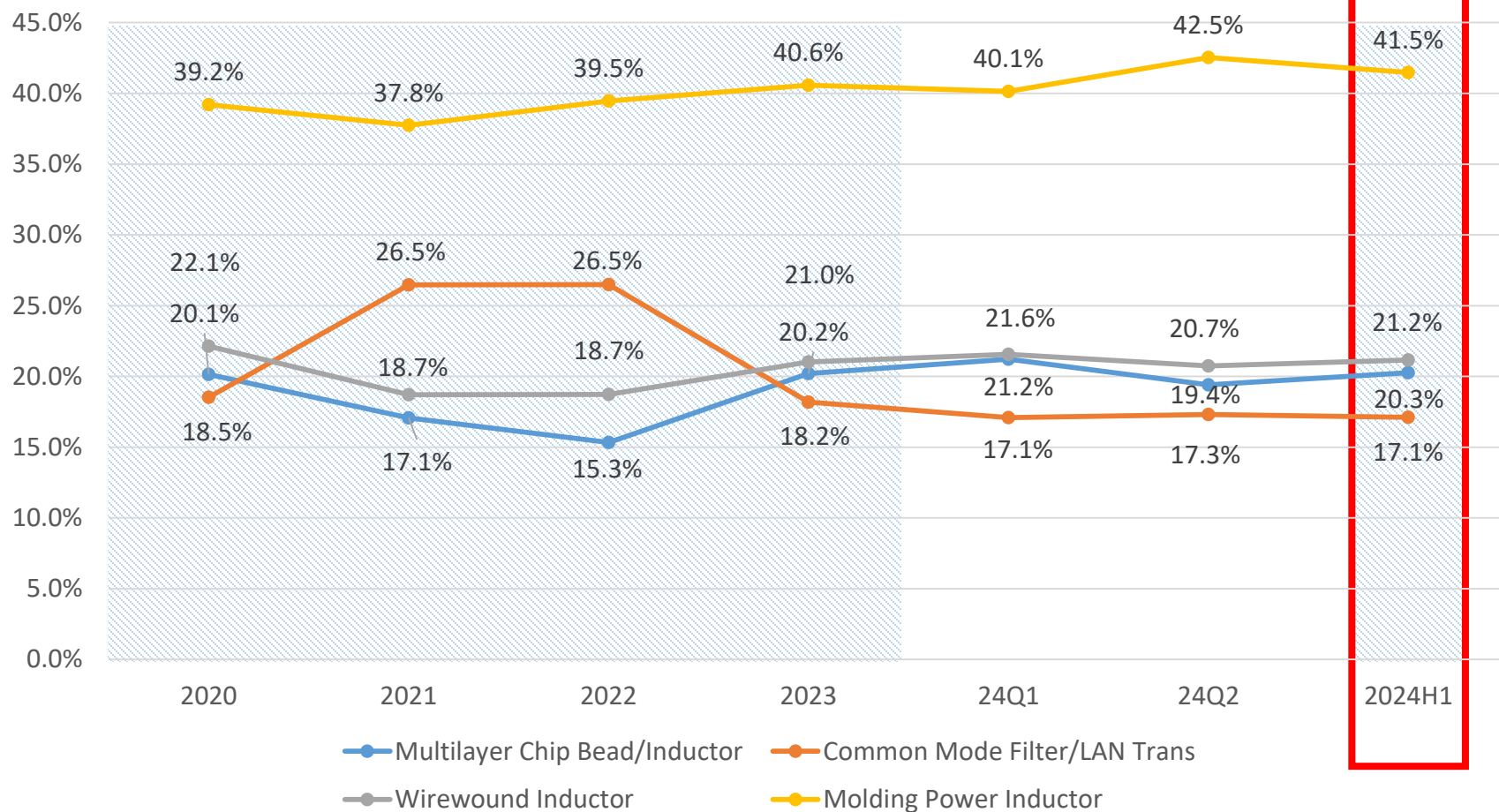




# Products Sales Ratio & Profit Margin (2024)

Product Line	Product Name	2024H1 Revenue	2024H1 Profit	2023 Revenue	2023 Profit
Multilayer	Multilayer Chip Bead Multilayer Chip Inductor 	20.3%	23.3%	20.2%	25.2%
Single Wirewound	Wirewound Inductor 	21.2%		21.0%	
Molding	Molding Power Inductor 	41.5%		40.6%	
Dual and Multiple Wirewound	Common Mode Filter 	10.0%		8.9%	
	LAN Transformer 	7.1%		9.3%	

# Last 5 Years Main Products Sales Ratio



# 2023 Monthly Revenue

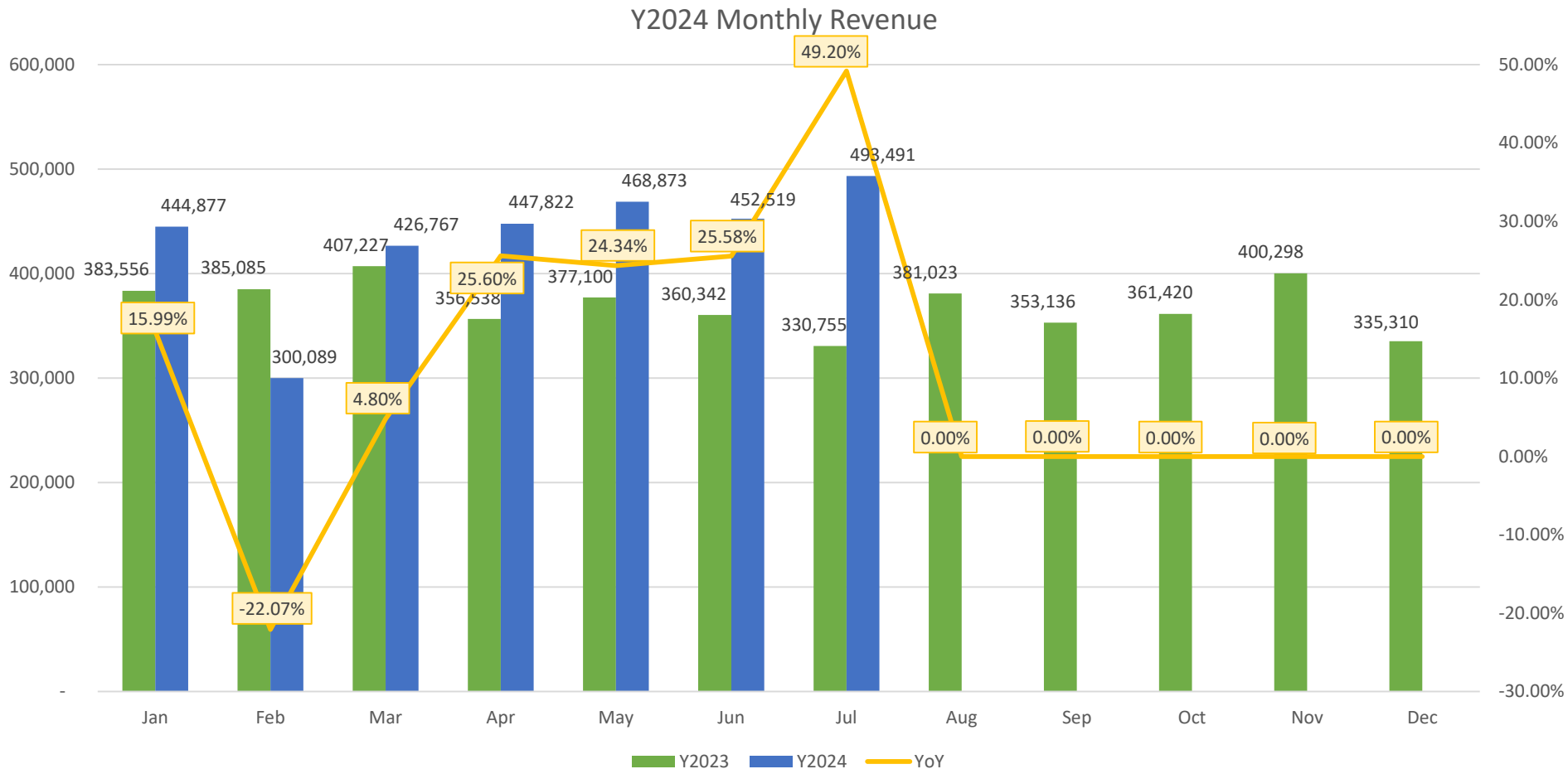
Y2023 Monthly Revenue



2022 Revenue	2023 Revenue	YoY
5,291,333	4,431,789	- 16.24%

Unit : NT\$ in k

# 2024 Monthly Revenue



2023 Revenue	2023, Jan.-Jul.	2024, Jan.-Jul.	YoY
4,431,789	2,600,602	3,034,438	+ 16.68%

Unit : NT\$ in k

# Future Focused Market & What's next

## Automotive

### ADAS

(Camera, Radar)

### IVI

(Cluster, Infotainment)

### Body Sys,

(BCM, LED Lighting)

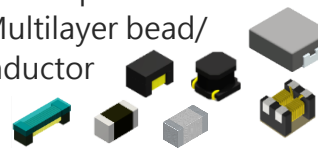
### EV/HV

(EV/HV, BMS)

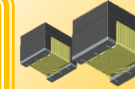
### Comfort

(EPS, Start-stop)

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



### 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

## 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



### Discrete LAN Transformer



Combo Discrete Chip LAN



Discrete Chip LAN Array  
(2in1)

### LAN Transformer Module



Function add LAN Module

## 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

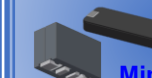


### DDR5 Memory



High eff. Power IND. For next Gen.

### TLVR Application



Miniature



Combo

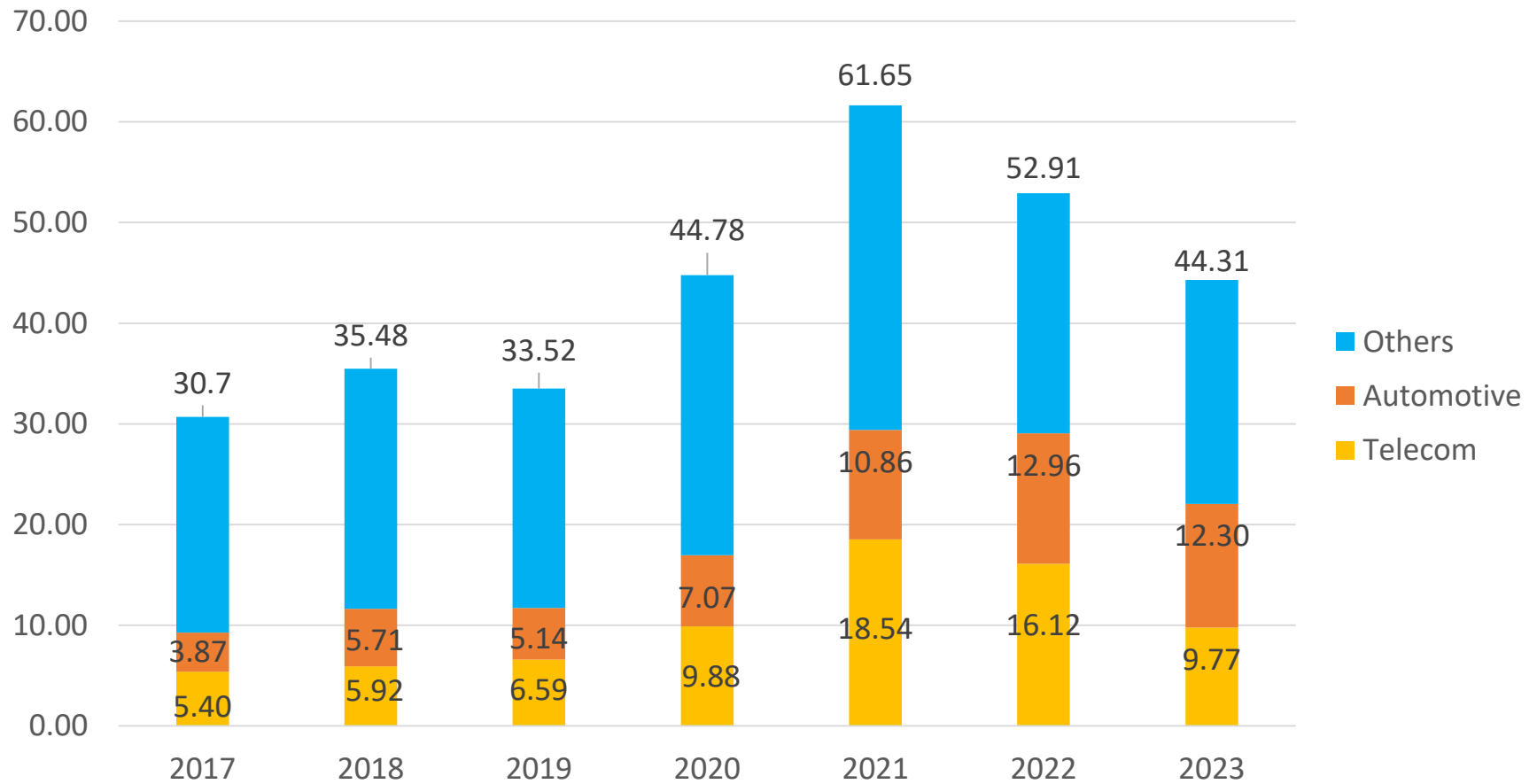
### High Efficiency



Hot press molding  
achieve miniature, energy saving

# Telecom & Automotive Revenue

NTD/ 100M



# Corporate Sustainability

## E

### 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.



## S

### 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.

## G

### Governance

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

