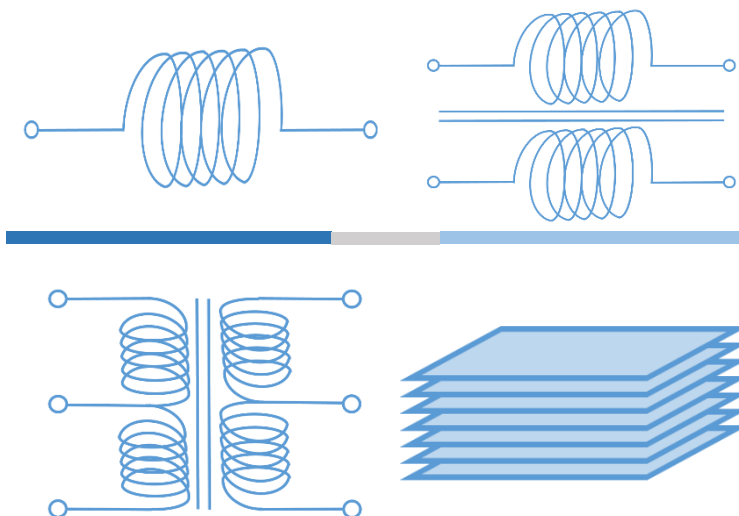




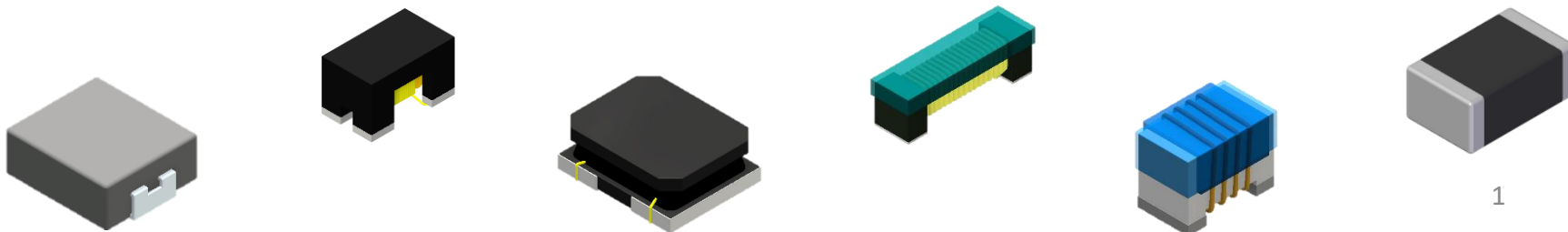
TAI-TECH Advanced Electronics Co., Ltd.
Investor Conference of OTC Market

Q1, 2023



Investor Contact Window:
TEL: (03) 4641148 Ext.1203 (Ms. Chang)
E-Mail: invest@tai-tech.com.tw

Stock Code: **TAI-TECH 3357**



- 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 47 years manufacturing experience

1982

3 facilities, including Taiwan, KunShan, and SiHong
TW-515, CN-1467



178

2022 sales Revenue
USD 178 millions



20

2022 Selling Quantity
20.28 Billion pcs

Timeline



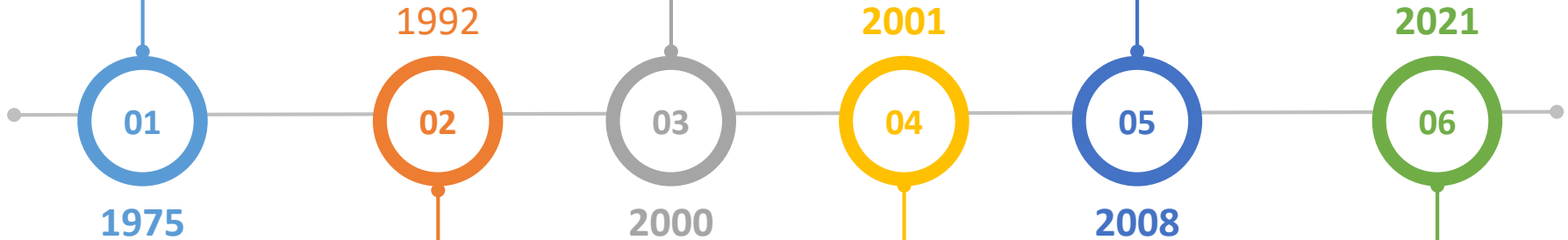
NW E Established
Main Product: Ni-Zn Ferrite Core and material



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



TAIPAQ Established
Main Product: Molding Power Inductor



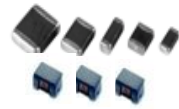
TAI-TECH Established
Main Product: Multilayer Chip Bead/ Inductor



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



Listed Company @OTC
Invest New Factory
Invest new facility in Taiwan and plan to establish automotive production line



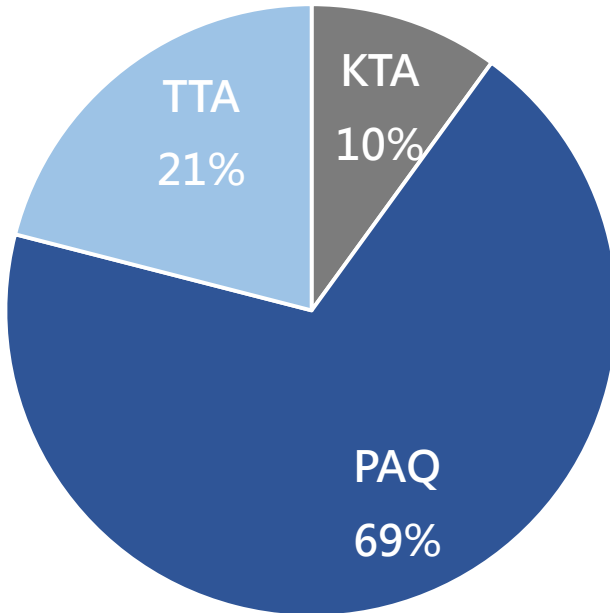
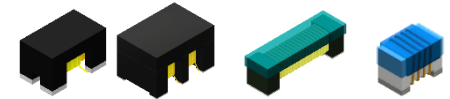
Tao-Yuan, Taiwan (Headquarter-TTA)



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

Product :

Common Mode Filter
Wirewound Inductor
Ferrite Core / Powder



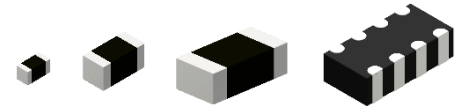
Kun-Shan, Jiang-Su (China-KTA)



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: 1307
ISO 9001
ISO 14001
ISO 45001
IATF 16949

Product :

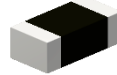
Multilayer Chip Bead
Common Mode Filter
Molding Power Inductor
Sealed Power Inductor
LAN Transformer Module



Multilayer Chip Bead / Inductor

Beads: FCB/FCM/HCB/HFZ
Size(mm): 1005 ~ 4532

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

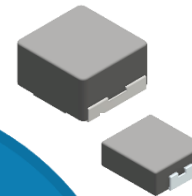


Inductors: FCI/FCH/HCI/CPI
Size(mm): 1005 ~ 3216

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

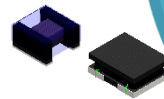


Competitors:
 VISHAY(US)
 DELTA/Cyntec(TW)
 Coilcraft(US), Murata(JP)

Wirewound Inductor / Power Inductor

Wirewound: SWI/SWF/PAS/APO
Size(mm): 1608 ~ 1225

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



Power: HPC/UHP/DFP/AHP
Size(mm): 1608 ~ 8x8

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

Common Mode Filter / LAN Filter / LAN Module

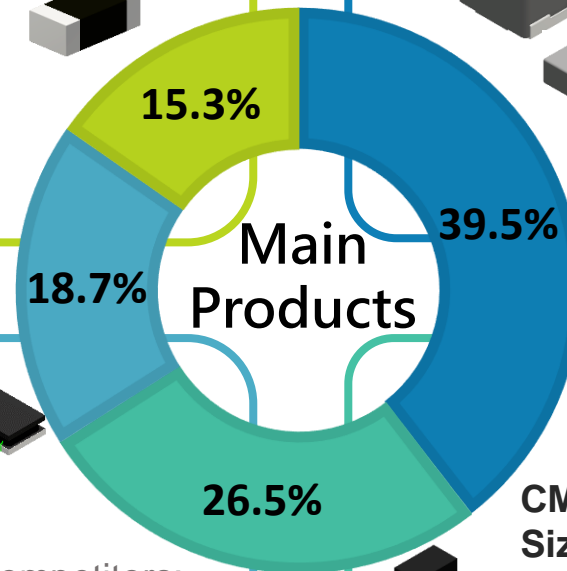
CMC : WCM/HDMI/HSF/ACM/BCM
Size(mm): 1210 ~ 9152

Competitors:
 Murata(JP), TDK(JP)



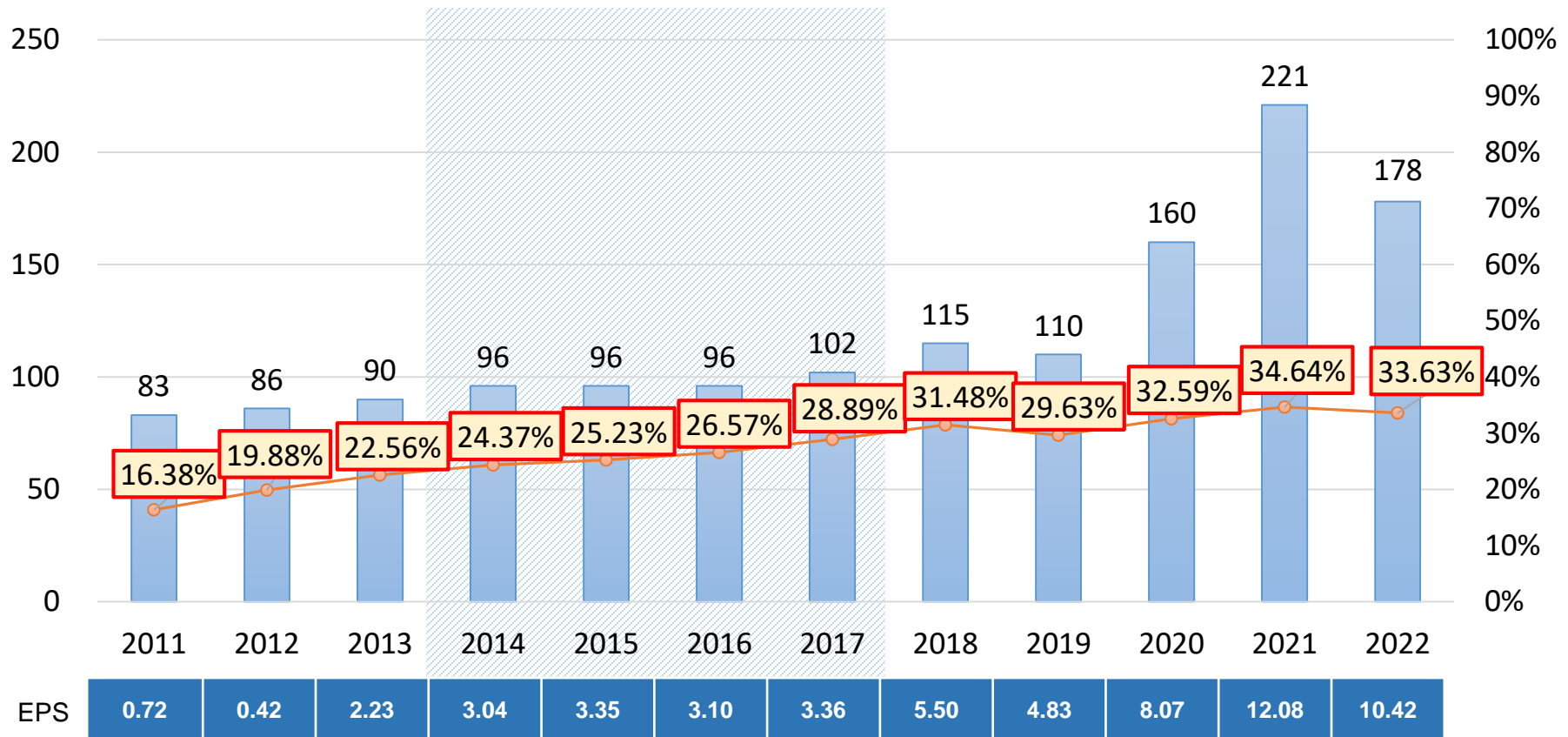
LAN: TXF/DCM, LAN
Size(mm): 3216~5645



**PCB Layout and evaluation module
 available**

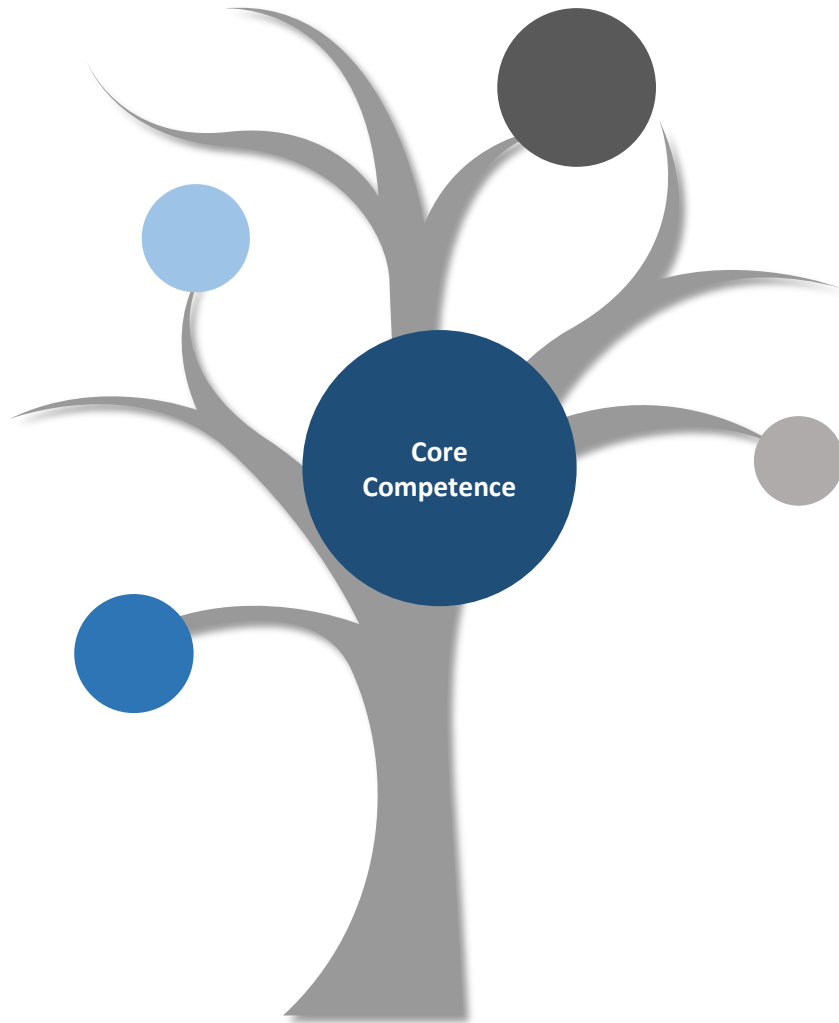


Sales Revenue

US\$ Million



Revenue 
 Gross Profit Margin 



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.

Unit : NT\$ in k

	2022	2021	YoY
Operating Revenue	5,291,333	6,165,281	-14.2%
Gross Profit (%)	1,779,525 (33.6%)	2,135,564 (34.6%)	-16.7% (-1.0ppt)
Operating Expenses (%)	760,508 (14.4%)	805,368 (13.1%)	-5.6% (+1.3ppt)
Net Operating Income (%)	1,019,016 (19.3%)	1,330,196 (21.6%)	-23.4% (-2.3ppt)
Non-operating Income & Expenses	217,943	61,117	+256.6%
Profit of the year (Tax Paid) (%)	1,038,537 (19.6%)	1,197,065 (19.4%)	-13.2% (+0.2ppt)
EPS	10.11	12.08	

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

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

Consolidated Balance Sheet and Important Financial Indicator

Unit: NT\$ in k

Accounting Title	Dec. 31, 2022		Dec. 31, 2021	
	Amount	%	Amount	%
Cash and cash equivalents	1,528,877	16.5	1,341,004	14.0
Accounts receivable	1,811,397	19.6	2,469,528	25.7
Inventory	944,195	10.2	848,094	8.8
Long-term investment	381,069	4.1	233,817	2.4
Property, plant and equipment	4,401,609	47.6	4,503,865	46.9
Total Assets	9,251,919	100.0	9,605,492	100.0
Current Liabilities	1,371,552	14.8	2,568,840	26.7
Non-current portion of non-current borrowings	1,355,430	14.7	565,689	5.9
Total Liabilities	2,726,982	29.5	3,382,901	35.2
Total Equity	6,524,937	70.5	6,222,591	64.8
Important Financial Indicator				
Return on equity(%)	16.3		24.5	
Return on assets(%)	11.1		15.2	
EPS(NTD)	10.11		12.08	10

Unit: NT\$ in k

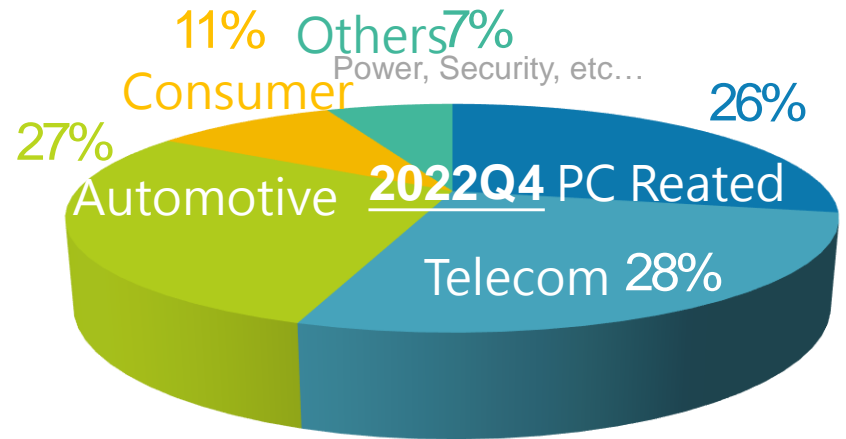
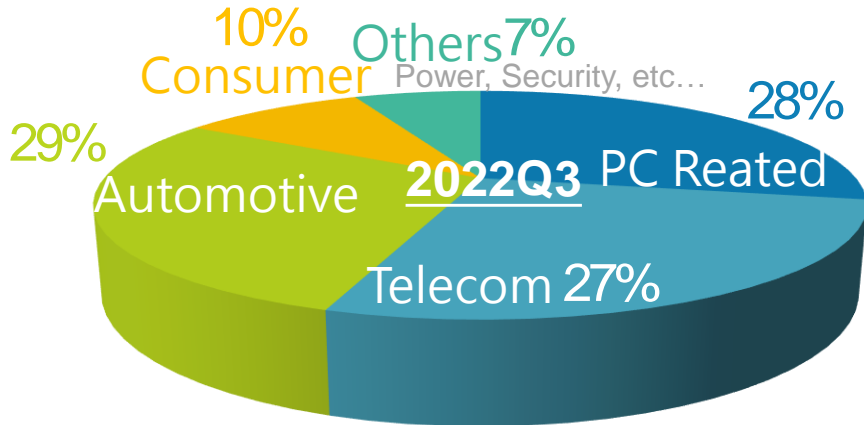
Cash Flows	Dec. 31, 2022	Dec. 31, 2021
	Amount	Amount
Opening Cash	1,341,004	767,619
Cash inflow from operating activities	1,674,801	1,192,411
Capital expenditures	(746,848)	(2,069,631)
Cash Dividend	(721,938)	(422,849)
Short-term borrowings	(417,215)	(387,341)
Long-term borrowings	522,757	266,422
Cash capital increase	0	1,839,854
Investment and others	(123,684)	154,519
Closing Cash	1,528,877	1,341,004
Free cash flow	927,953	(877,220)

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

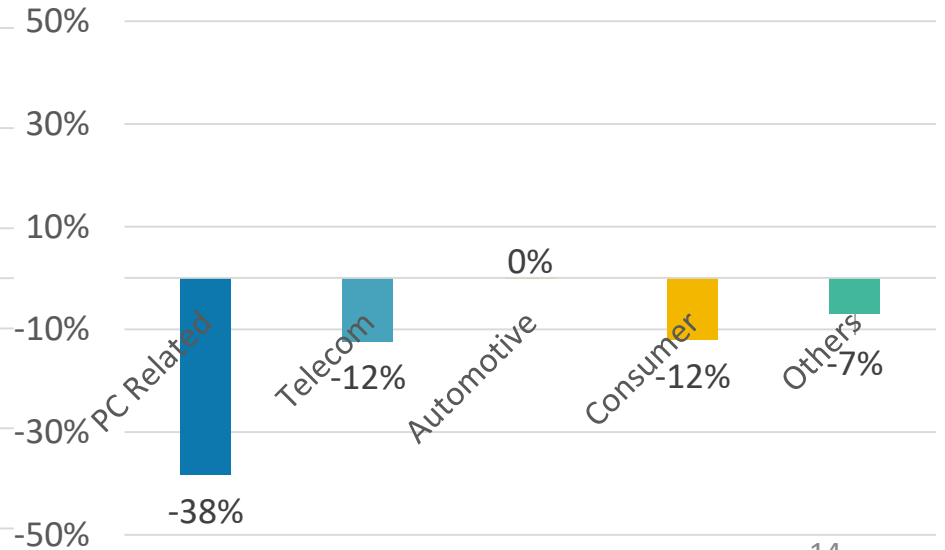
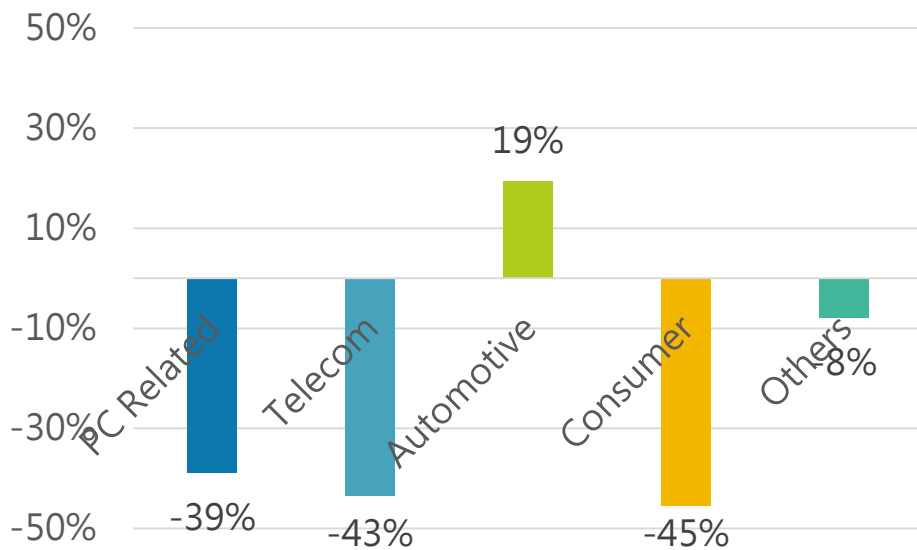
Unit: NT\$ in k

Dividend Distribution	2022 Amount	2021 Amount	2020 Amount
Operating income	5,291,333	6,165,281	4,478,004
Operating Margin	1,019,017	1,330,196	889,534
Net Profit before Tax	1,236,960	1,391,313	869,418
Net Profit for the period	1,038,537	1,197,065	734,671
EPS	10.11	12.08	8.07
Dividend per share	6.00	7.00	4.10
Cash dividend	612,204	721,938	422,849
Payout ratio	58.9%	60.3%	57.6%
Capital expenditures	746,848	2,069,631	309,233
Depreciation and amortization	498,342	392,586	304,725
R&D Costs	157,741	142,012	113,933

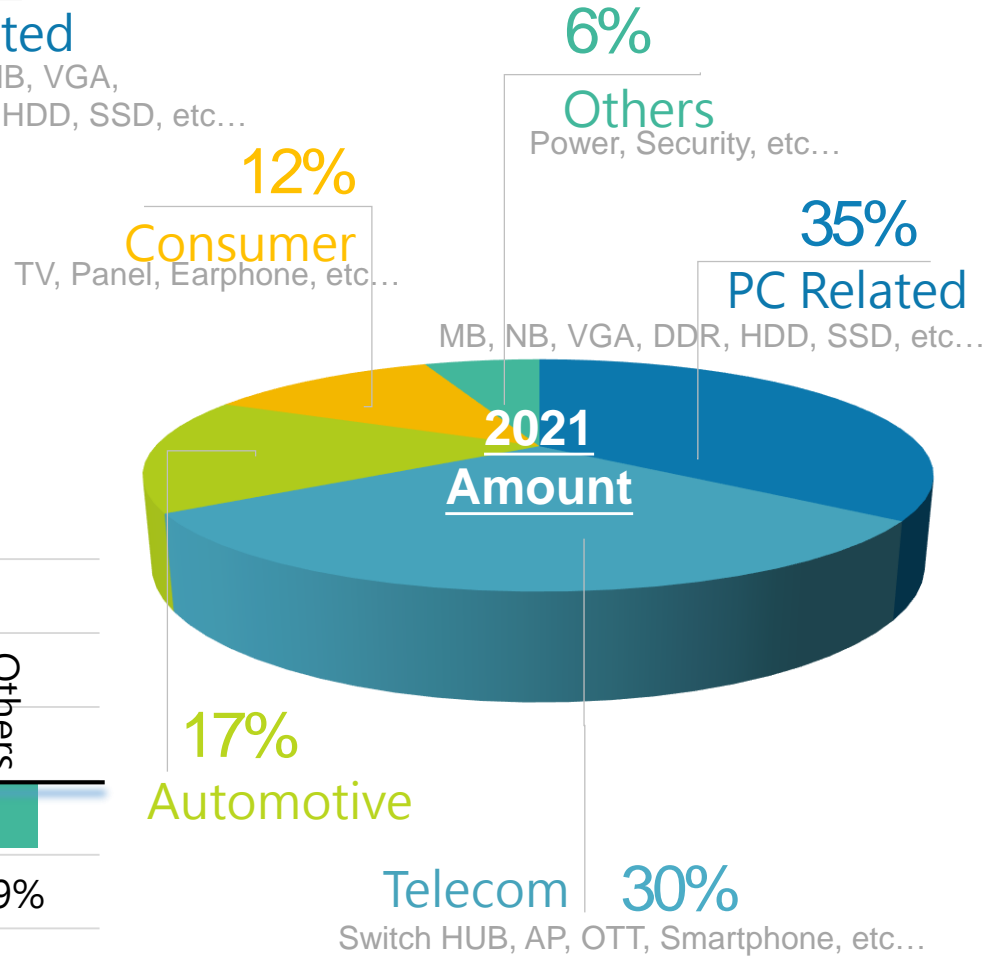
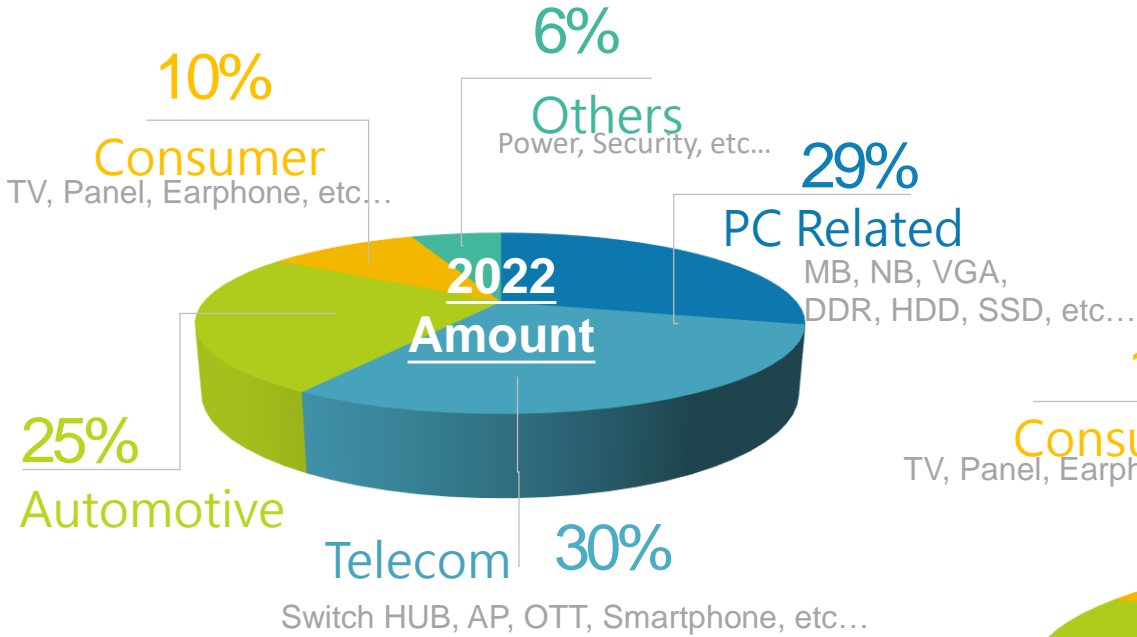
Main Customers



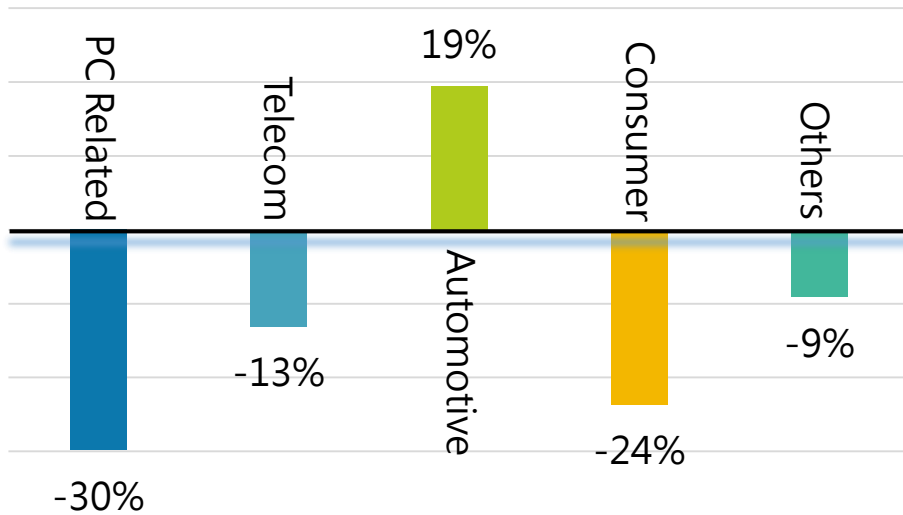
YoY




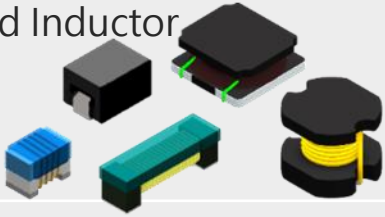
Main Customers



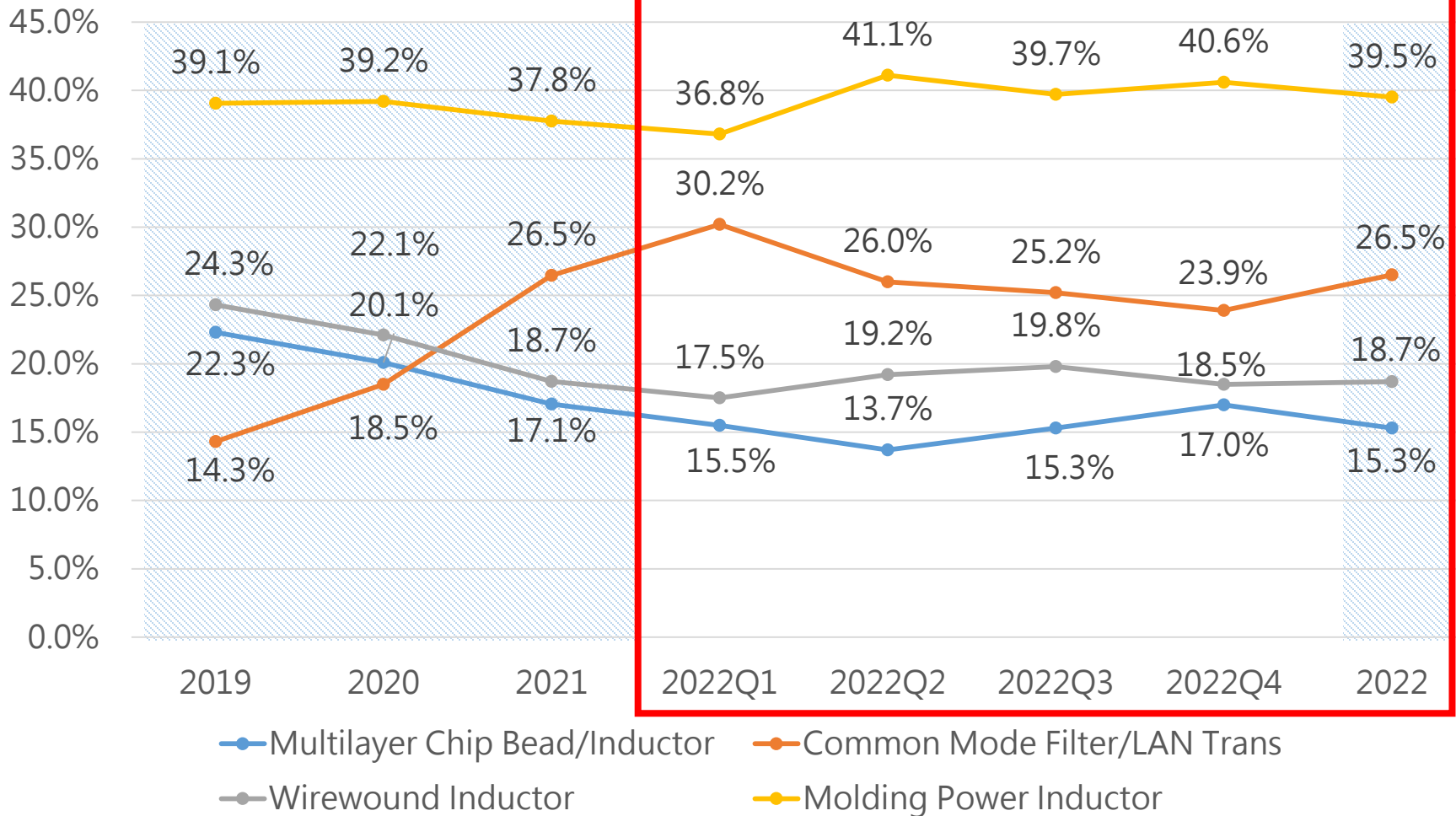
YoY



Products Sales Ratio & Profit Margin

Category	Products Name	2022 Revenue	2022 Profit(%)	2021 Revenue	2021 Profit(%)
Multilayer	Multilayer Chip Bead Multilayer Chip Inductor	15.3%	33.6%	17.1%	34.6%
					
Single Wirewound	Wirewound Inductor	18.7%		18.6%	
					
Molding	Molding Power Inductor	39.5%		37.8%	
Dual and Multiple Wirewound	Common Mode Filter	8.4%	8.0%		
	LAN Transformer	18.1%	18.5%		

Last 3 Years Main Products Sales Ratio



2022 Monthly Revenue

Y2022 Monthly Revenue

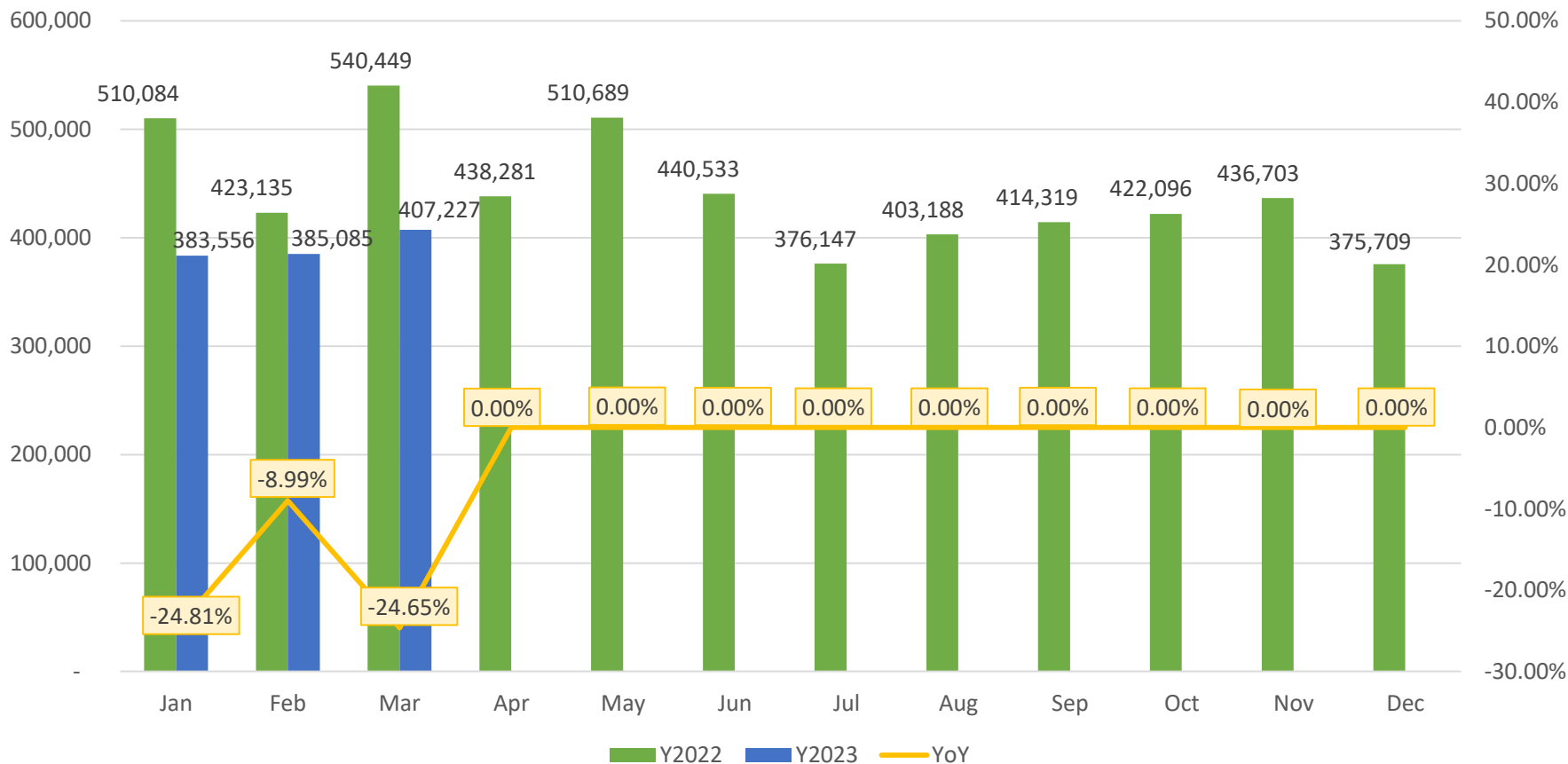


2021 Revenue	2022 Revenue	YoY
6,165,281	5,291,333	- 14.18%

Unit : NT\$ in k

2023 Monthly Revenue

Y2023 Monthly Revenue



2022 Revenue	2022, Jan.~Mar.	2023, Jan.~Mar.	YoY
5,291,333	1,473,668	1,175,868	- 20.21%

Unit : NT\$ in k

Future Focused Markets



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

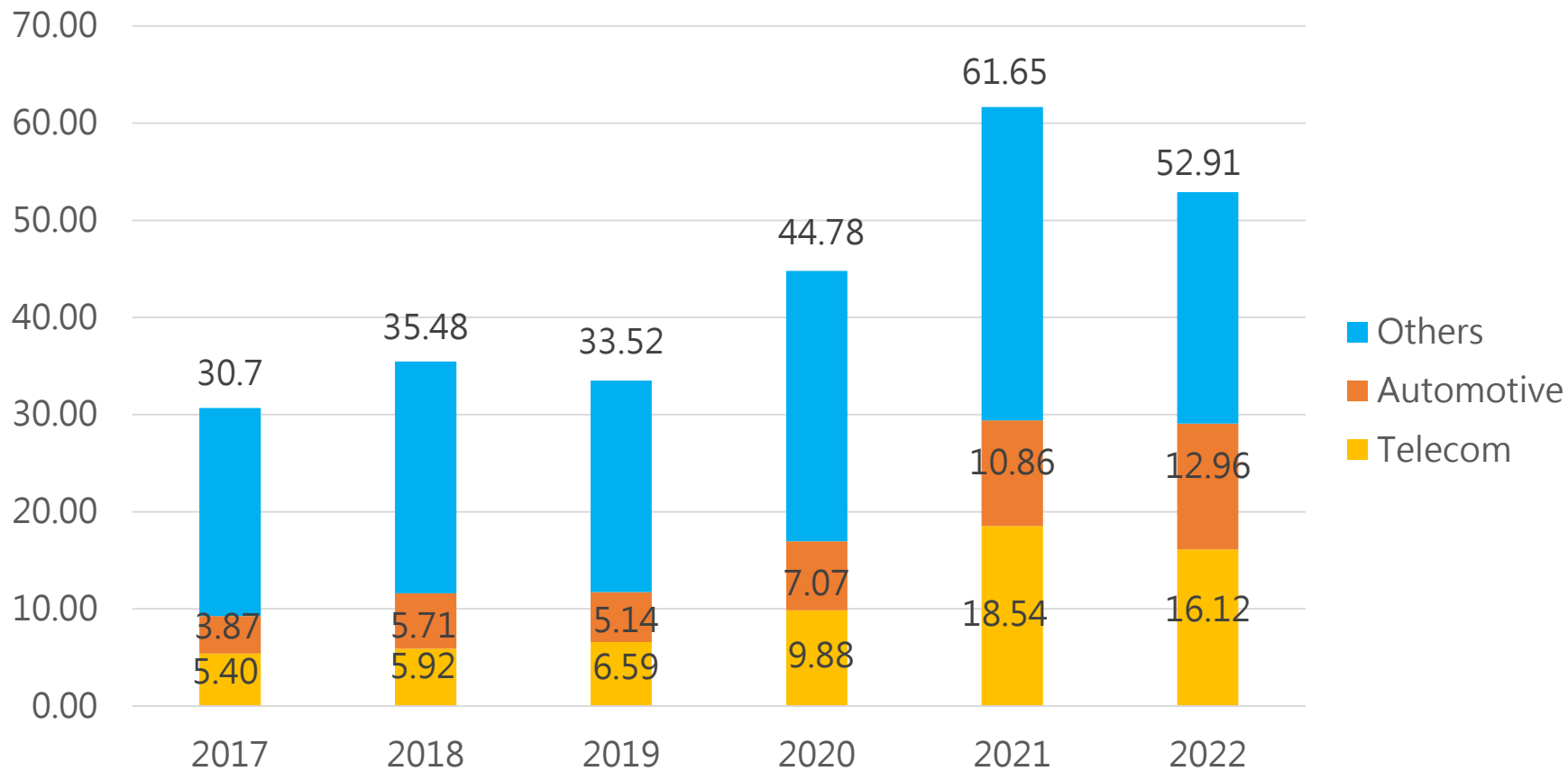
- Cloud Computing
- New Gen. Memory(DDR5)

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



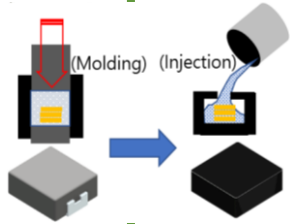


NTD/ 100M



Special Process Development

- AR / VR Antenna
- High Reliability Automotive Choke
- Hot Pressed Molding Power Inductor has achieved high performance & Downsizing Application



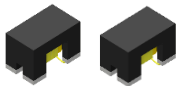
Special Application Development

- DDR5
- QLED
- Starlink Receiver
- PS5/Xbox/NB Power Supply



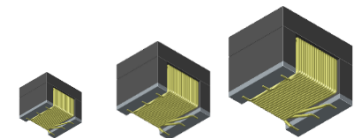
High Speed Interface

- USB 3.1 / HDMI 2.1 Ready
- USB 4.0 Ready



Power Over Coaxial (POC)

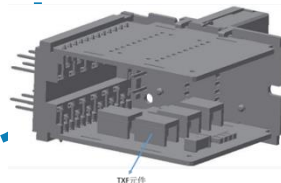
Multiple Spec Ready to be chosen
(Direct cross to TDK, Murata, CoilCraft)



Core Competence

Innovative LAN X'former

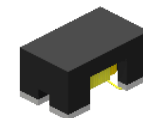
- Various Discrete Solutions for different transmission speed w/o POE
- Minimized LAN Transformer Module
- Integrated RJ Jack for 10G, coming soon



Automotive Signal Transmission

Fit CAN-FD / OA standard, direct cross to TDK / Murata

OPEN ALLIANCE





Business

To provide a high level of service, consistent product quality and price/value that meet total satisfaction of our customers for which safety is thoroughly considered.



Employees

People are our most important asset; TAI-TECH will respect the dignity and individuality of each person. We will create and provide safe working environments for all of our employees.



Community

The community is where we come from, TAI-TECH consciously maintain a keen interest in fostering good relationship and fulfill our obligation as a good corporate citizen; contributing to improve the well-being of the society we are part of.





Thanks!!
