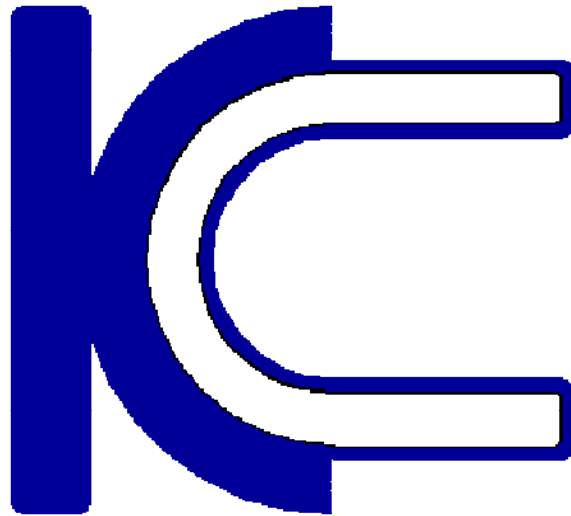


# KING CORE ELECTRONICS INC.



Your Best EMI Solution Partner

A Company with Health, Happiness and Prospect



# 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.



# Company Overview



## KING CORE Electronics (Suzhou) Co., Ltd. ( 100% owned by KING CORE Taiwan )

Wu Jiang District, Suzhou City, Jiang Su Province, China

TEL:+86-512-82073111

FAX:+86-512-63402955

- Date of Establishment : 1999/5/21
- Land Area : 56,661m<sup>2</sup>
- Capital : RMB 4,6M.
- Employees : ~100

## KING CORE Electronics Inc. ( HQ )

Pingjhen District, Taoyuan City, Taiwan

TEL:+886-3-4698855

FAX:+886-3-4691395

- Date of Establishment : 1986年11月29日
- Land Area : 4,107坪(13,700M<sup>2</sup>)
- Capital : NTD 876M. (2023/6/30)
- Stock Code : 6155.TW
- President : Henry Yang
- G.M. : Jonas Tsai
- Employees : ~250



## Shen-Zhen Office

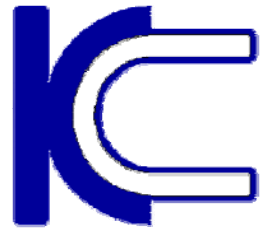
( 100% owned by KING CORE Suzhou )

Shen-Zhen, Guang Dong, Chian

TEL:+86-755-28086477

FAX:+86-755-28086484

- Date of Establishment : 2014年12月31日
- Employees : ~15



# Environment Social Governance

- Y2000 : Been Awarded “ **The Achievement Price of Industrial Pollution Prevention and Waste Control**” by Ministry of Economic Affairs, ROC
- Y2000 : Been Awarded “**The Best Center-satellite Factory of Environment Management**” by Compal Computer Corp.
- Y2016 : **Solar Power** Generation at Pingjhen site : **417.6KW, 500K degrees /year**
- Y2019~2024 : **The National Health Administration of the Ministry of Health and Welfare issued [Healthy Workplace Certification and Health Care Start Mark]**
- Y2023~2024年 : **Introduced ISO 14064 and ISO 14067**



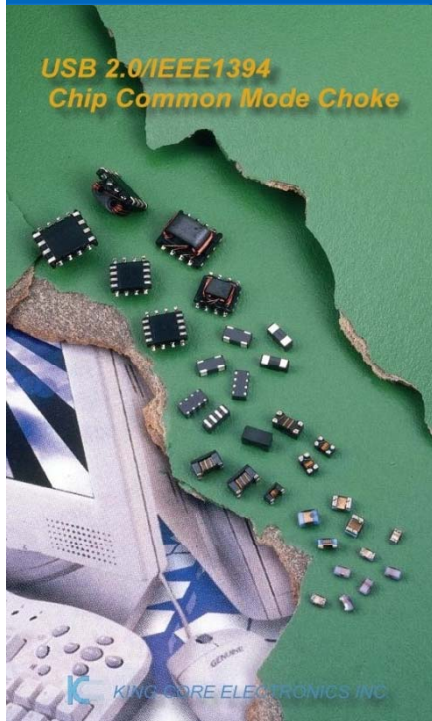
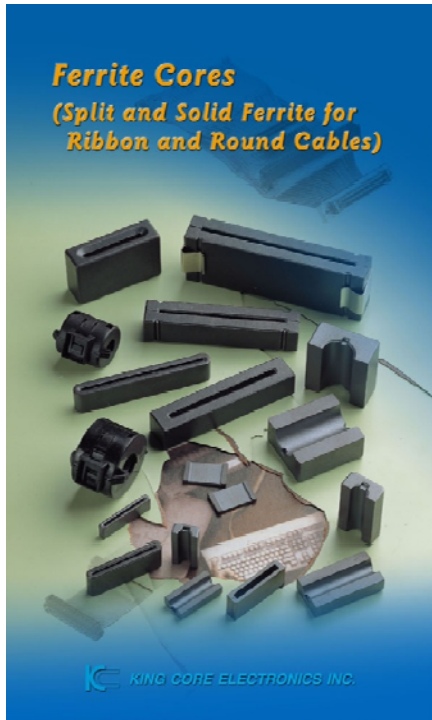


# COMPANY HISTORY

- ✓ 1986 : Established to produce **ferrite cores**
- ✓ 1995 : The second factory established to produce **SMT multilayer chip beads / inductors**.
- ✓ 1996 : **ISO 9000** certificated
- ✓ 1999 : Foundation Laying of King Core – **Suzhou China**
- ✓ 2001 : To be listed company on **OTC (Stock Code : 6155)**
- ✓ 2003 : The third factory established to produce **SMT precision chokes and coils**.
- ✓ 2006 : To be listed company on **TWSE**
- ✓ 2008 : **ISO 14000** certificated
- ✓ 2009 : To be **SONY Green Partner**
- ✓ 2009 : **IECQ QC080000** certificated
- ✓ 2012 : **IATF 16949** certificated
- ✓ 2013 : To invest in developing **GHz filter**
- ✓ 2014 : To invest in developing **mini power choke / inductor**
- ✓ 2016 : **Solar Power** Generation at Pingjhen site : **417.6KW, 500K degrees/year**
- ✓ 2019 : To invest in developing **Large Size Ferrite Core for E-Car/Bus**
- ✓ 2020 : To invest in developing **Inductive Antenna**
- ✓ 2022 : To invest in developing **Common Mode Choke for E-Car/Bus**
- ✓ 2023 : **ferrite magnetic material powder with capacity of 300 tons in Taoyuan site are planned to be expanded in 2023 and expected to be put into mass production in Q3 of 2024.**

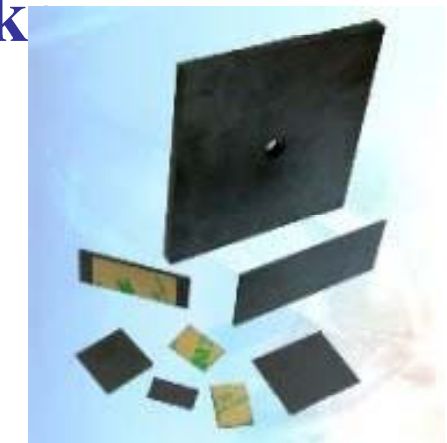


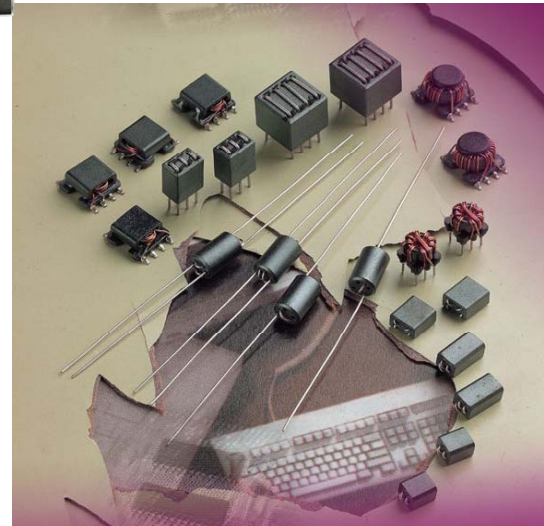




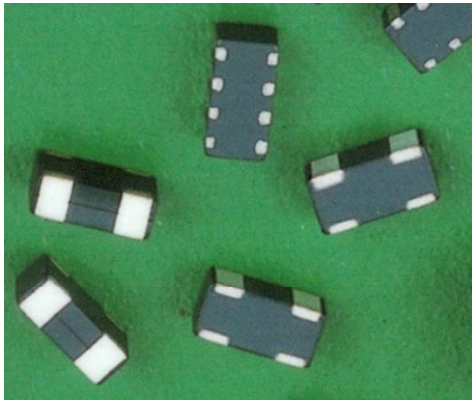
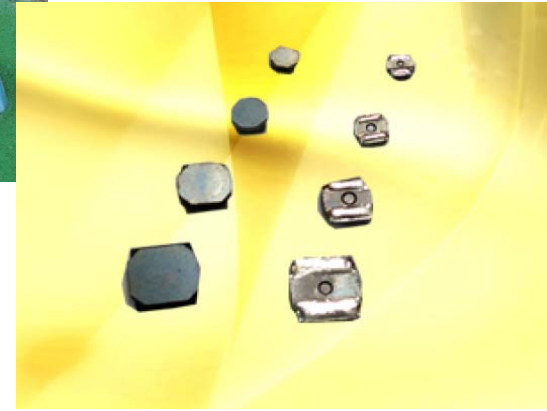
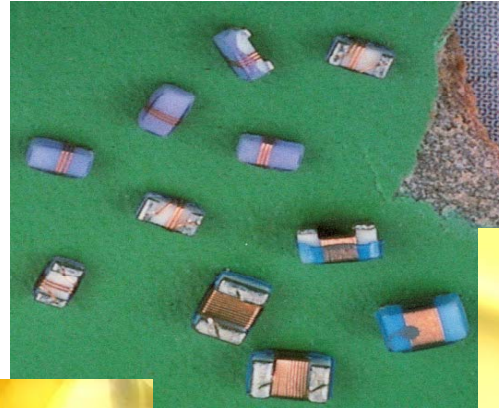
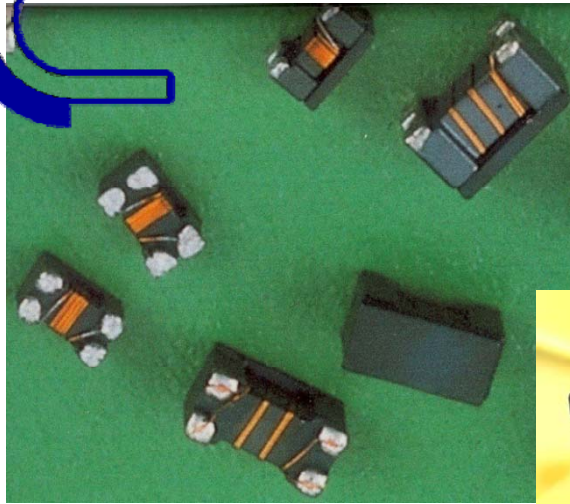
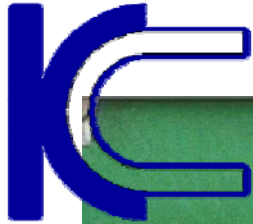
# MAIN PRODUCTS

- **EMI Suppression Ferrite Cores**
  - **600 tons**
- **SMT Multilayer Chip Beads & Inductors**
  - **400~600 kkpcs (0402/0603)**
- **Wound Chip inductor & Choke**
  - **150~200 kkpcs**
- **Ferrite Absorber**
  - **2 kkpcs**







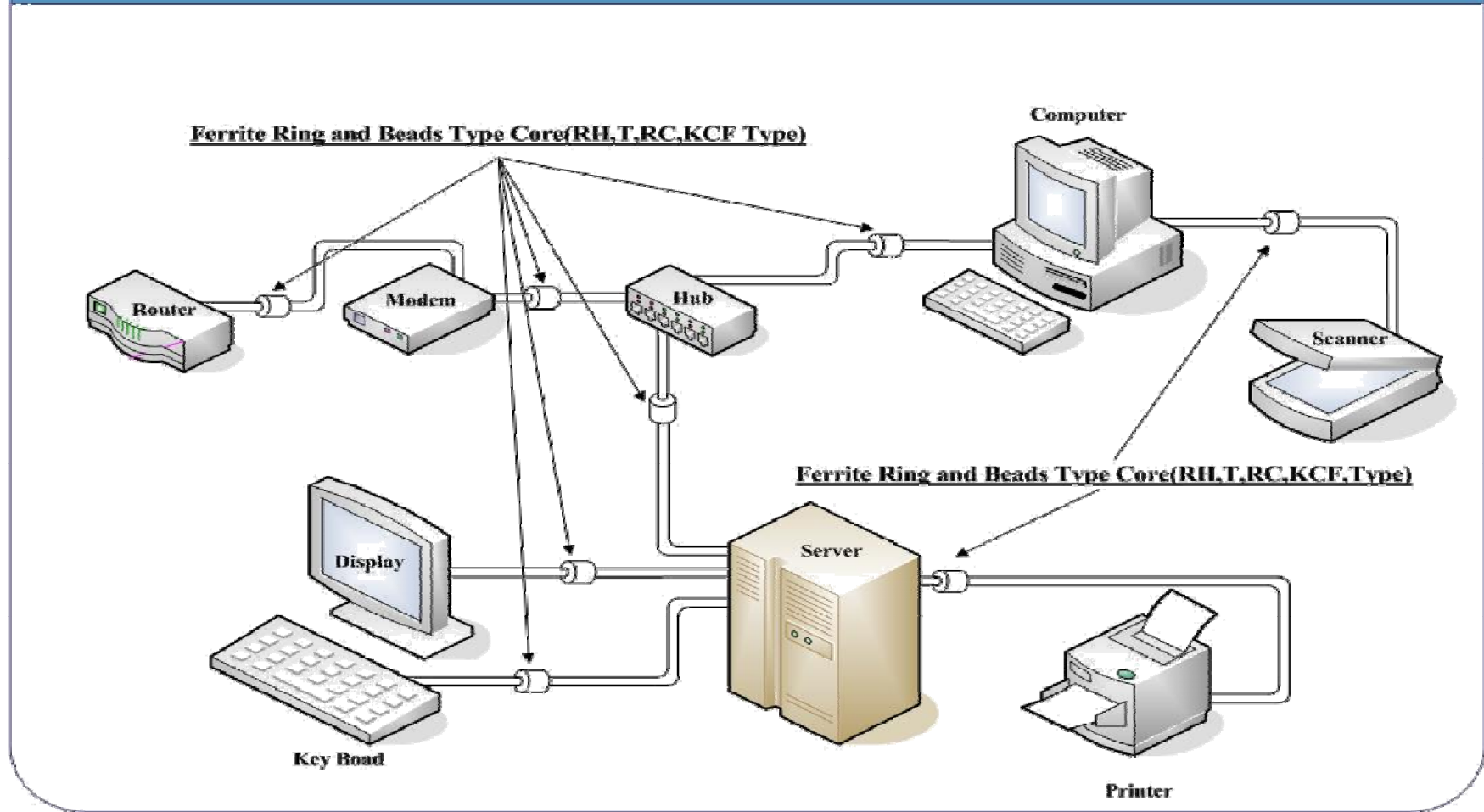






# KC EMI Suppression Core Application

An Illustration of How to Apply EMI Ferrite Core on Cable





# KC EMI Filter Application

**CPU data bus之對策**  
 可:採用**FBM-10 series**  
 10 - 70 ohm bead

**Comm 1, 2 介面之EMI 對策**  
 可:採用**FBM-10 series**  
 70 - 220 ohm bead

**Modem 電話介面之EMI 對策**  
 可:採用**FBM-11 series**  
 600 - 1000 ohm bead

**IC 電源 Vcc+ in之對策**  
 可:採用**FBM...A series**  
 耐大電流 120 ohm bead

**Print Port介面之EMI 對策**  
 可:採用**FBM-11 series**  
 70 - 300 ohm bead

**DC in 電源input之對策**  
 可:採用**FBM...A series**  
 耐大電流 120 ohm bead

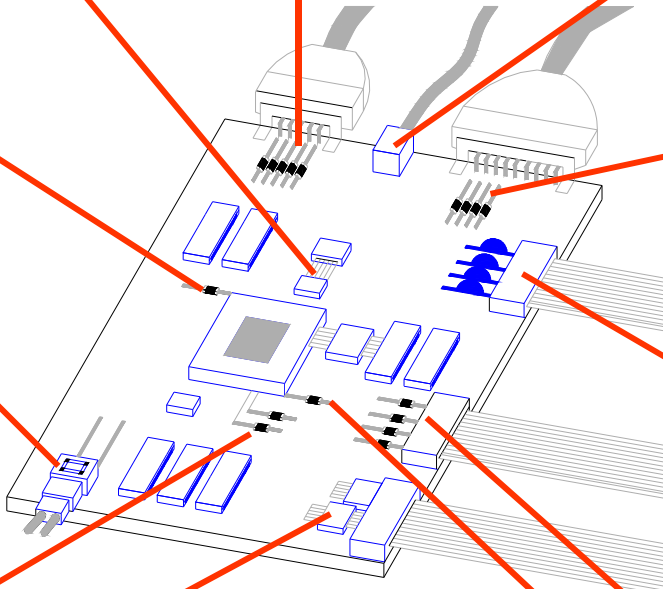
**Video out or LVDS介面之 EMI對策**  
 可:採用**FBM-10 series**  
 30 - 120 ohm bead

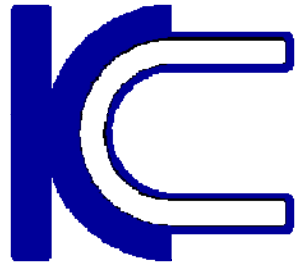
**Clock Generator 之對策**  
 可:採用**FBM-10 series**  
 10 - 70 ohm bead

**IEEE 1394 or USB or LAN 介面之EMI對策**  
 可:採用**WCM series** 90-220 ohm common choke

**IC Grounding 接地之對策**  
 可:採用**FBM-11 series**  
 120 - 600 ohm bead

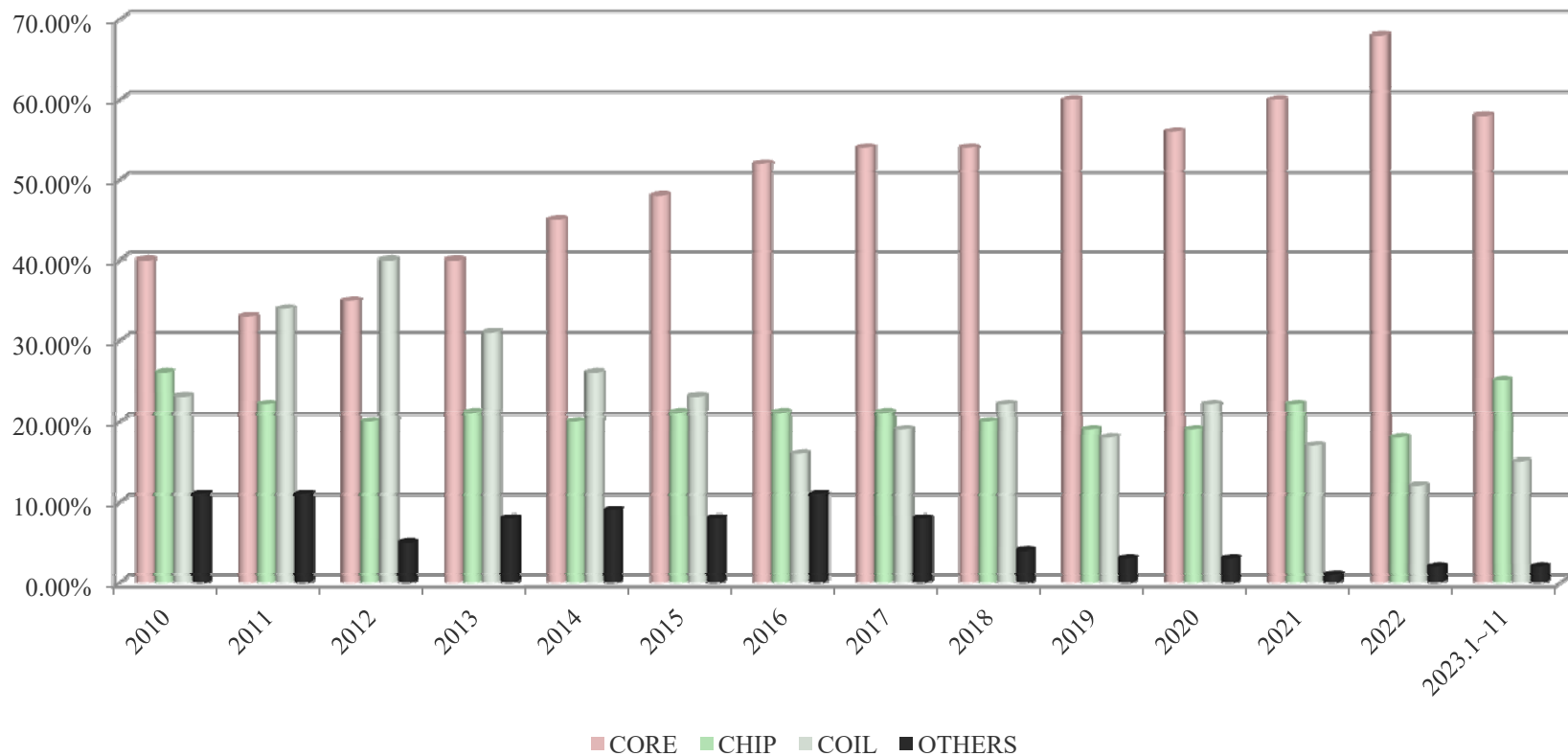
**HDD or CD-ROM介面之 EMI對策**  
 可:採用**FBM-10 series**  
 10 - 70 ohm bead



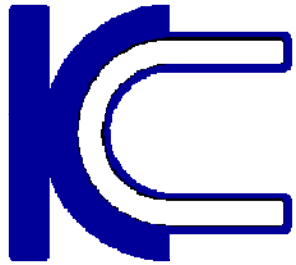


# Proportion of Product Type

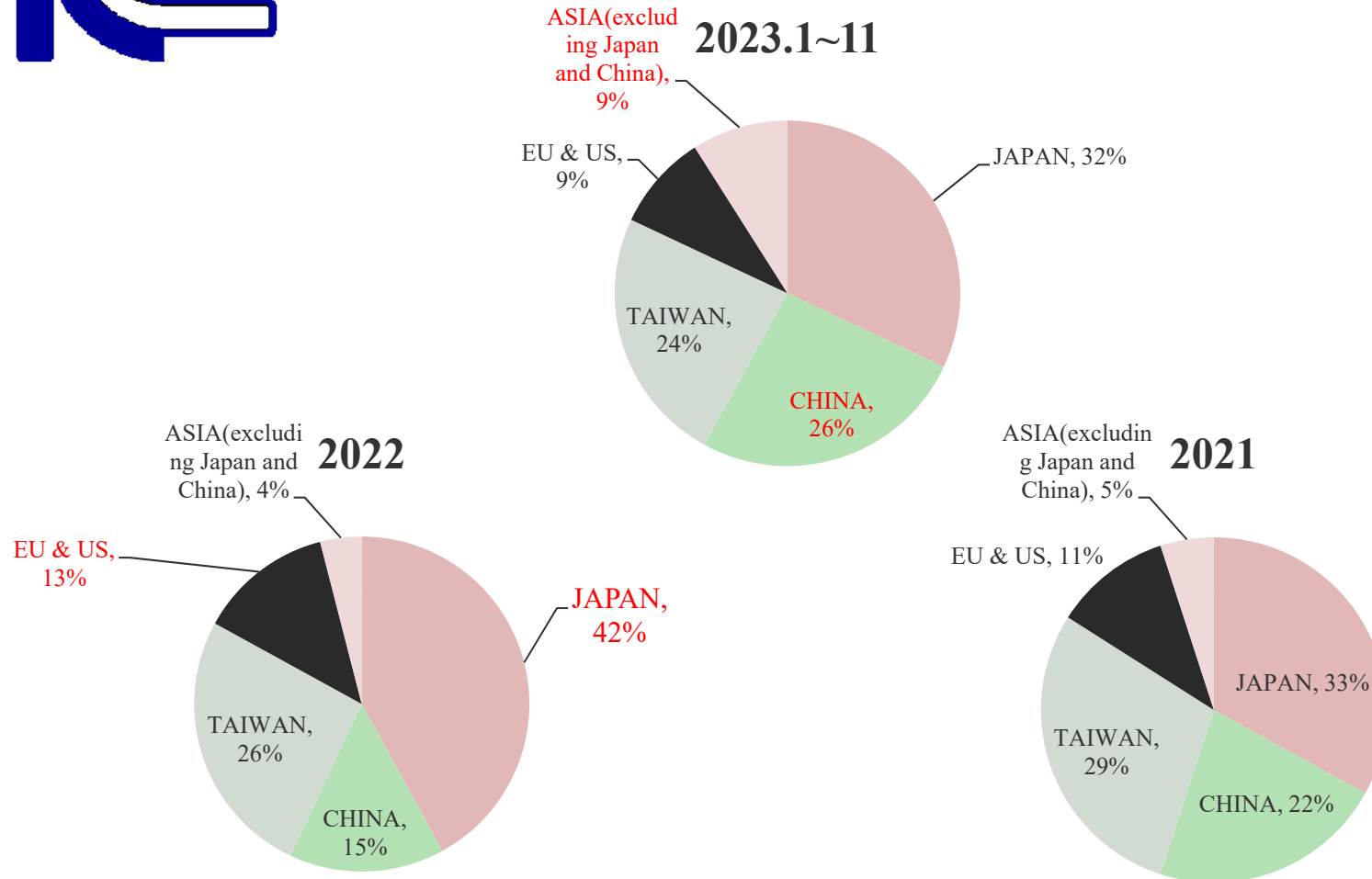
2023.1~11  
CORE : 58%  
CHIP : 25%  
COIL : 15%  
OTHERS : 2%

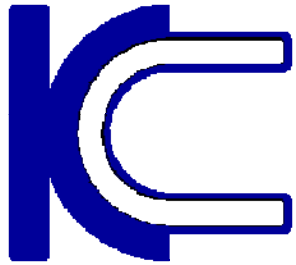




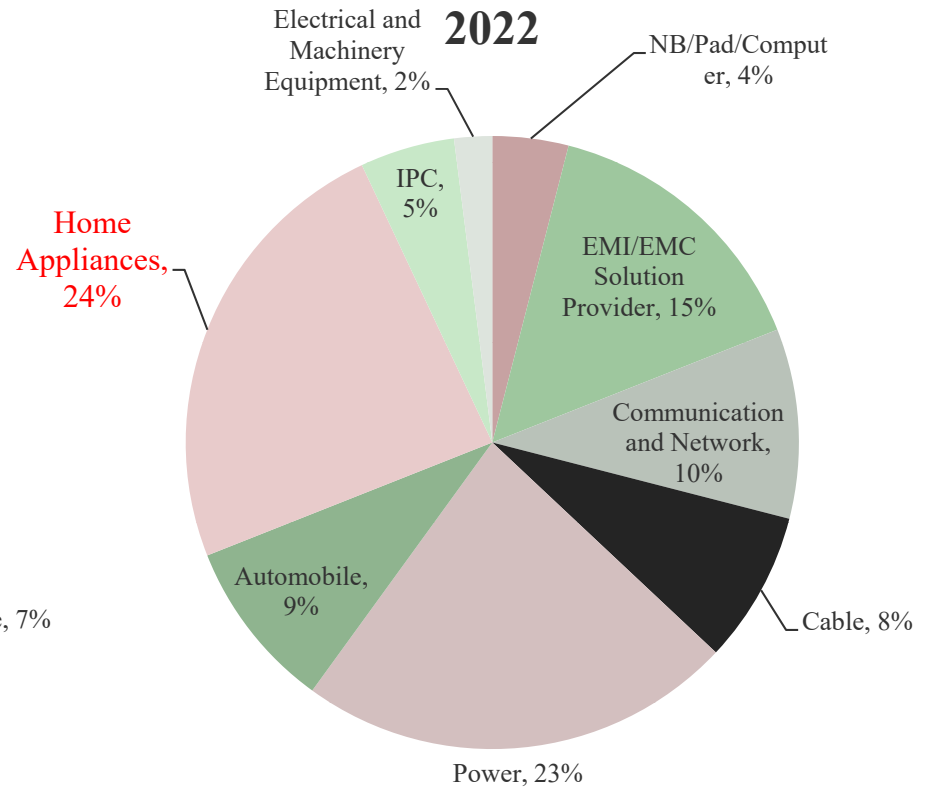
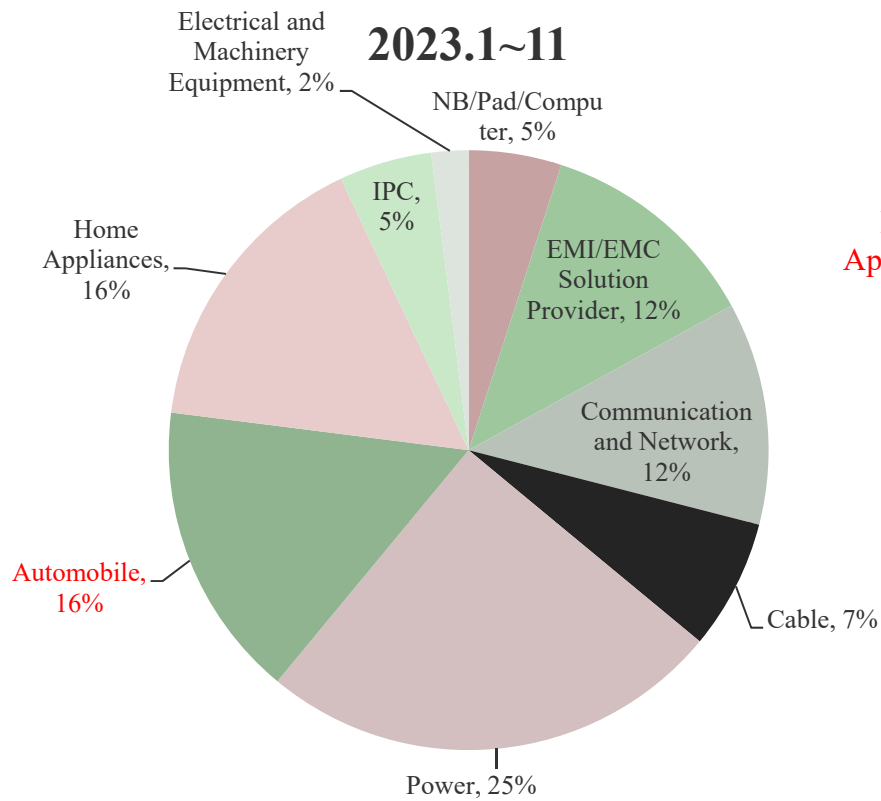


# Proportion of Customer Area



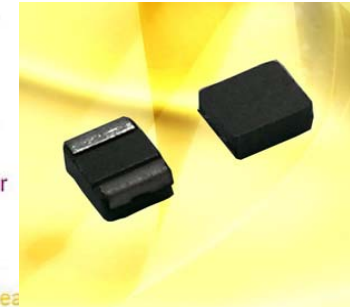
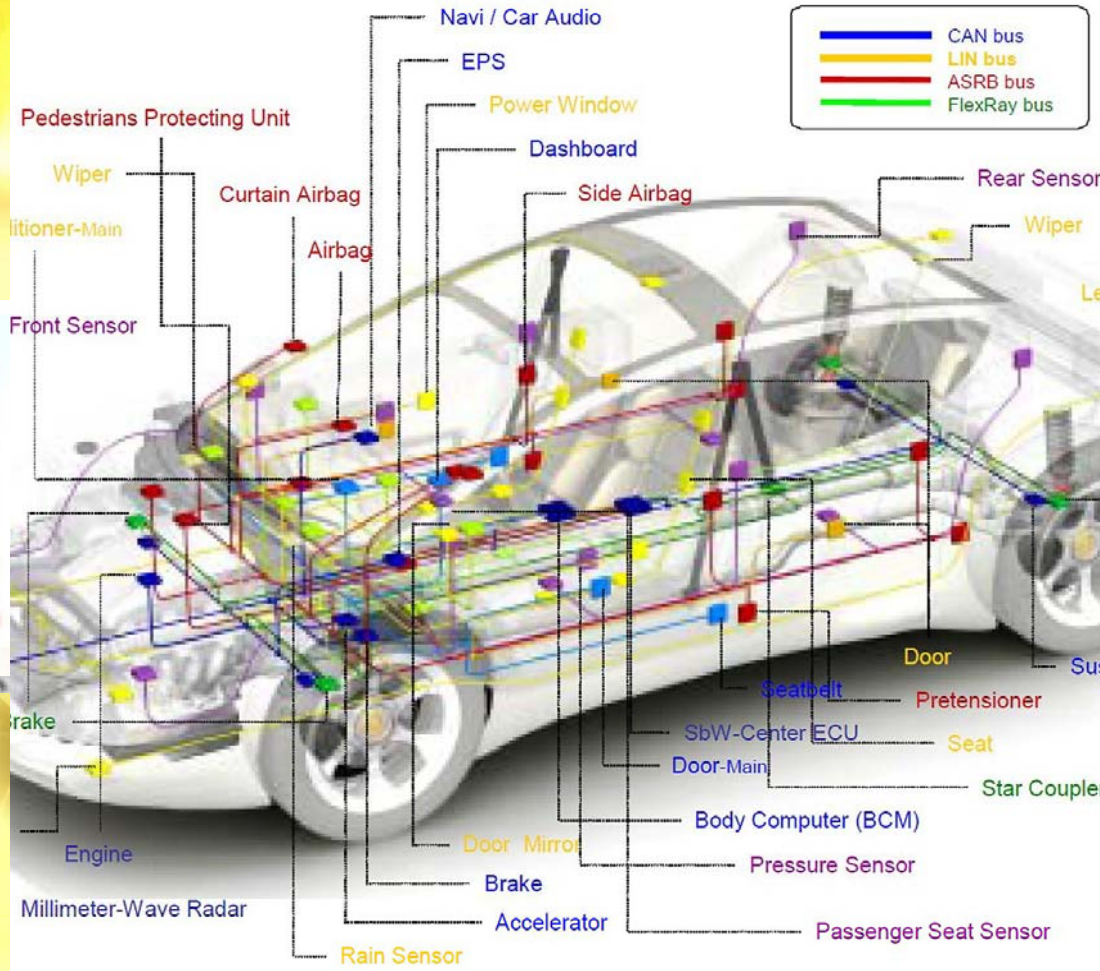
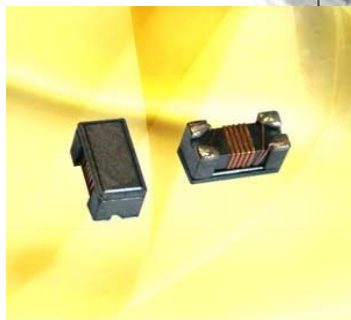
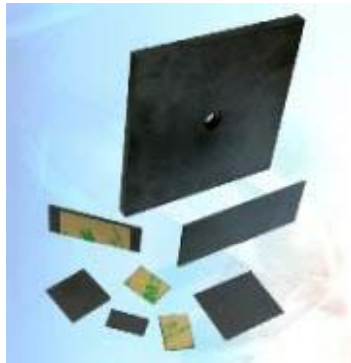


# Proportion of Customer Group





# Automobile Electronics Application

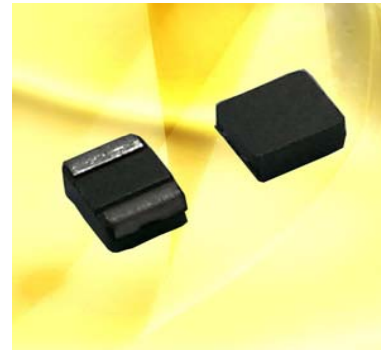
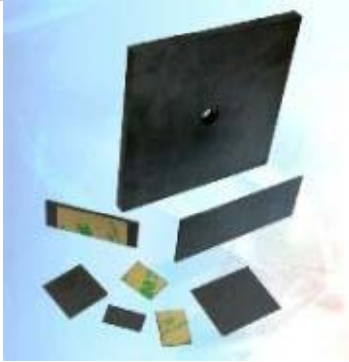


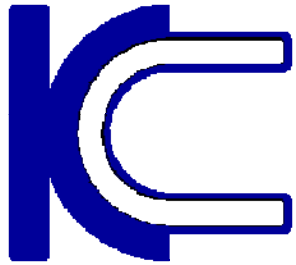
2023/12/15



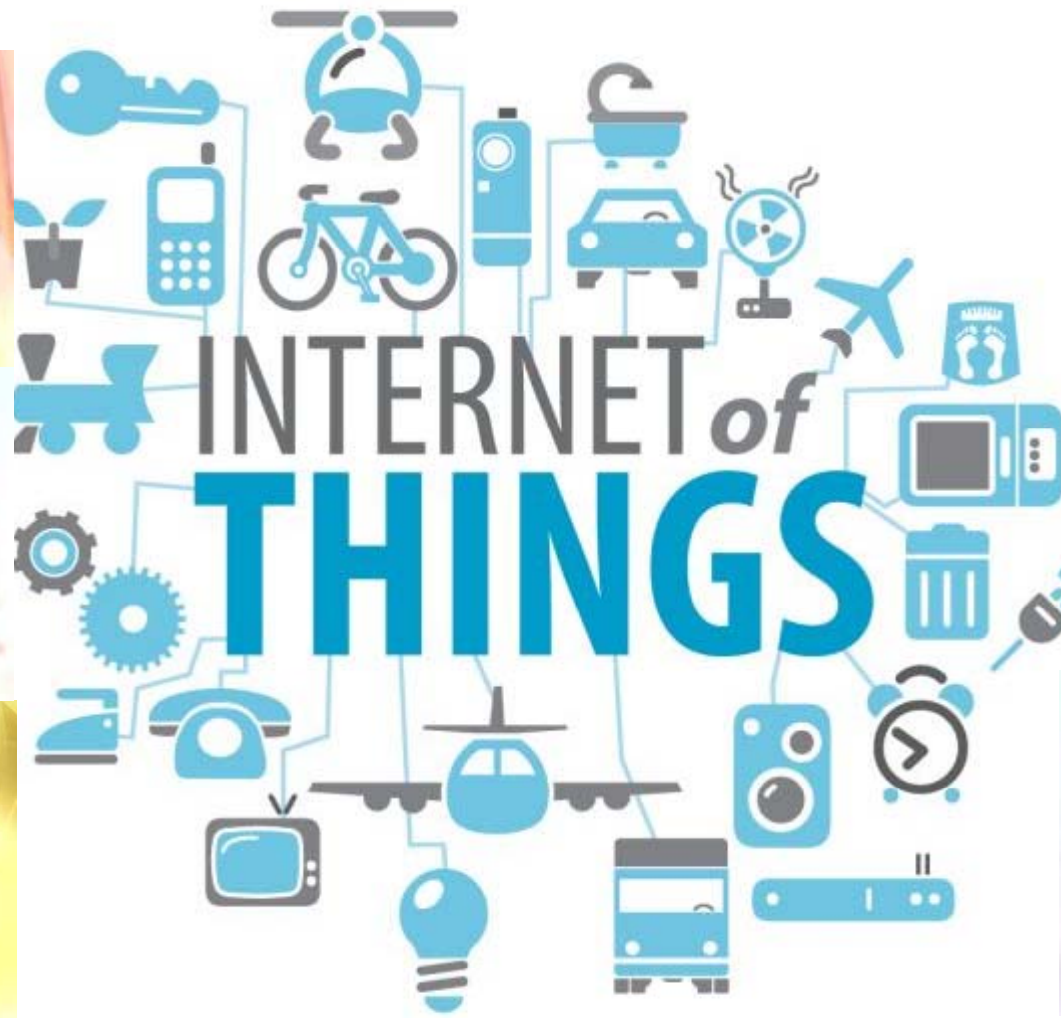
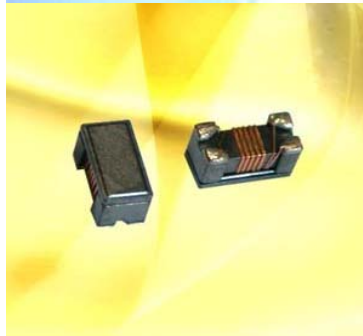


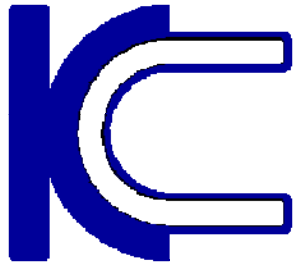
# Power Application



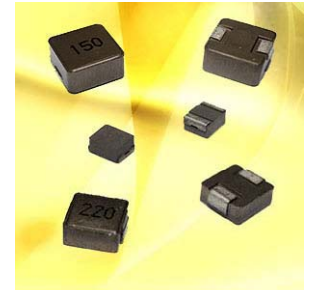
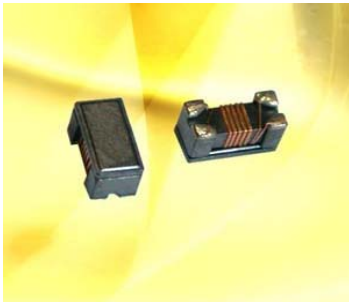
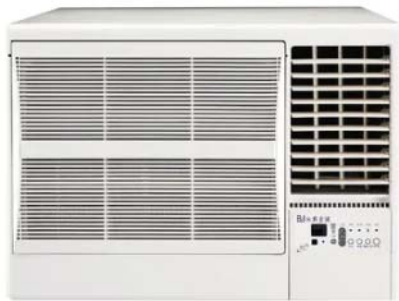


# Communication and Network Application





# Home Appliances and IPC

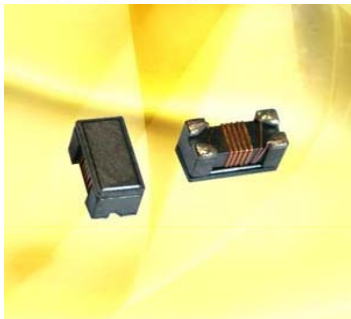
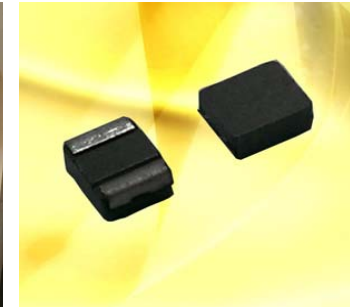


2023/12/15

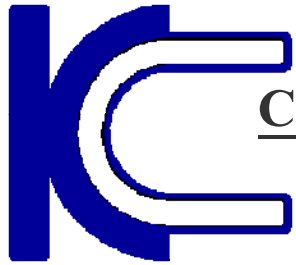




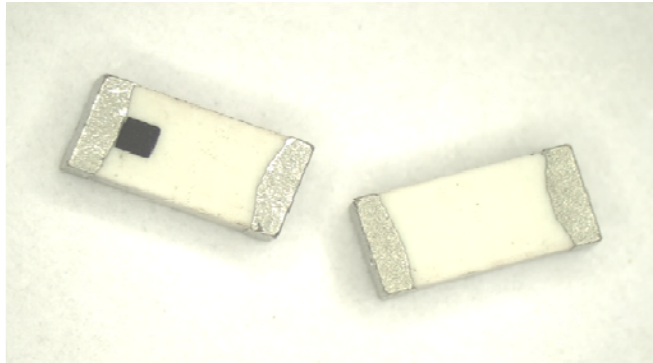
# Home Appliances and IPC

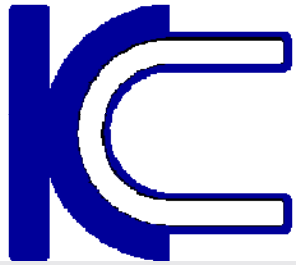


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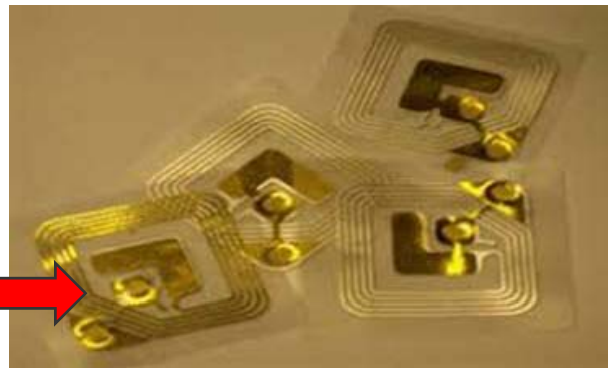
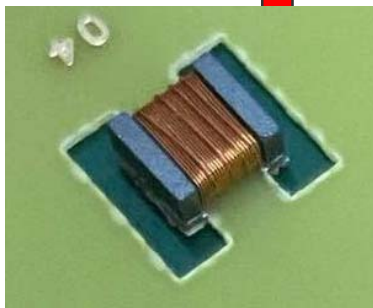


## Chip Antenna Bluetooth/Wireless LAN/Home RF Application



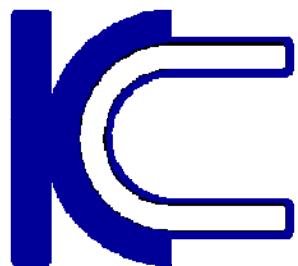


# RFID Antenna



胎壓偵測器





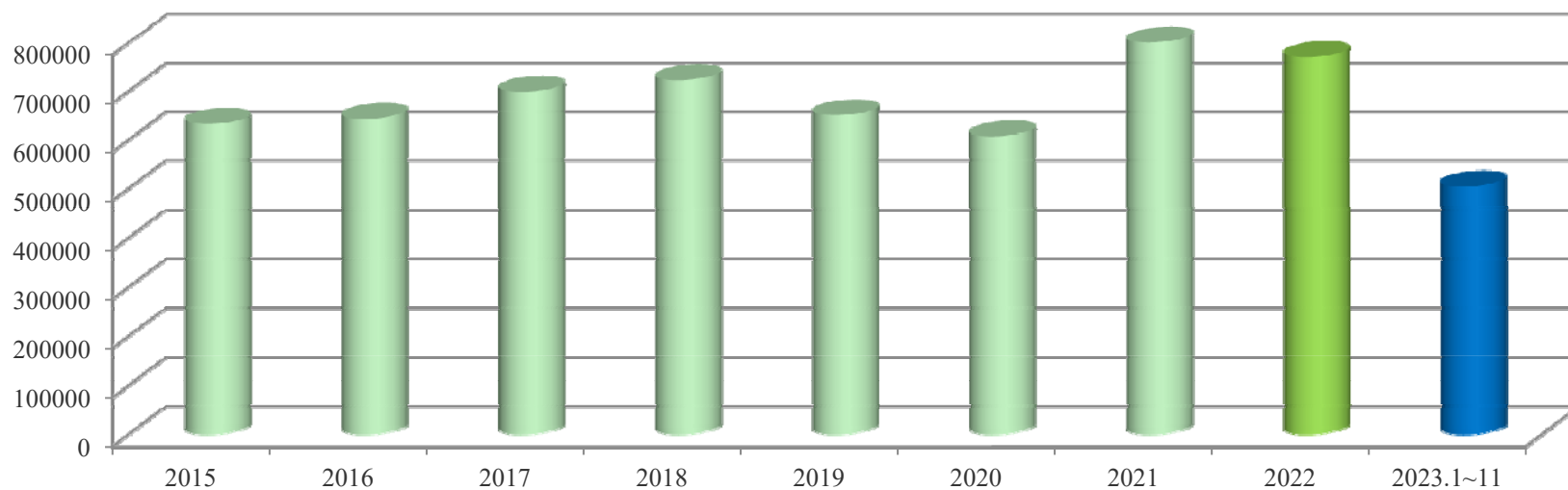
# Turnover over the years

**2023.1~11 : 503,693**

**YoY : -29%**

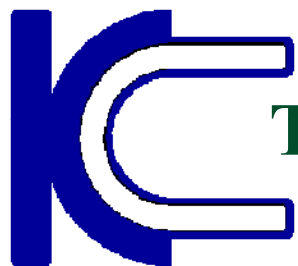
NTD : K

### Net Revenue

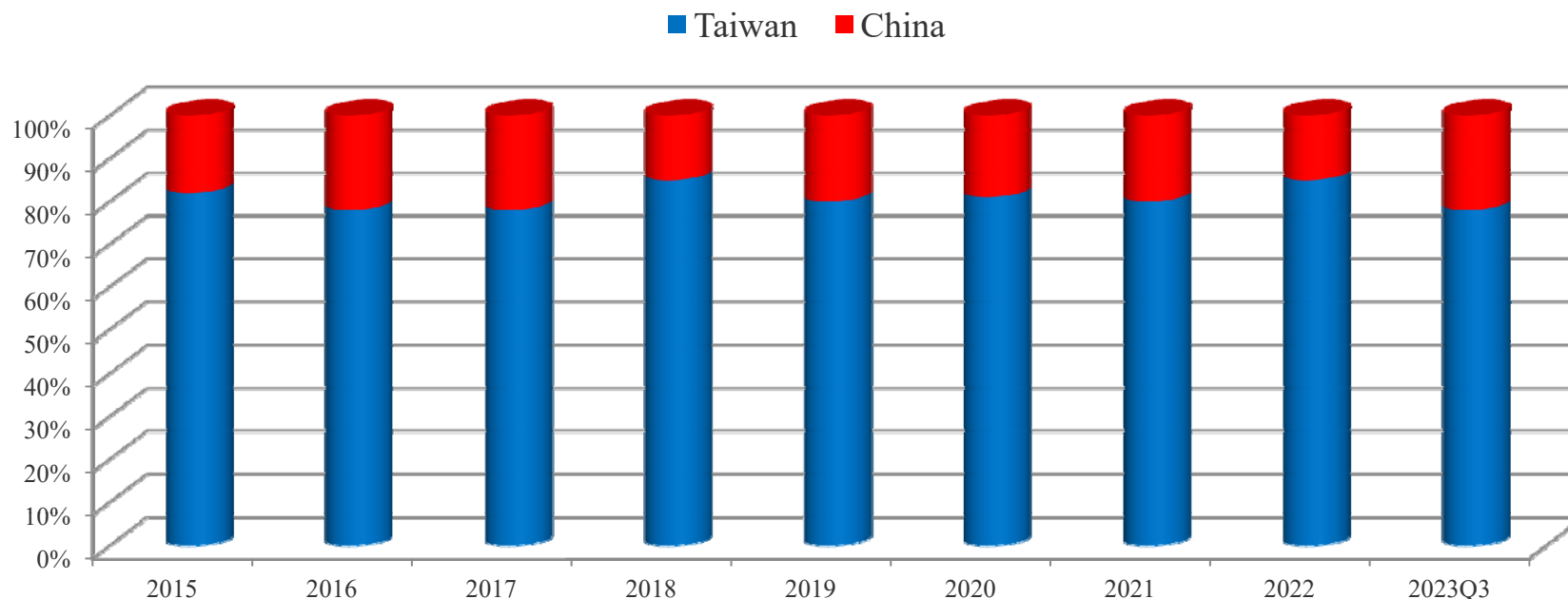


	2015	2016	2017	2018	2019	2020	2021	2022	2023.1~11
<b>Sales Amount</b>	632,332	642,745	698,467	722,186	649,900	606,740	799,566	770,147	503,693

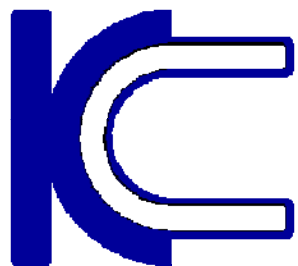




## Turnover proportion in Taiwan and Suzhou

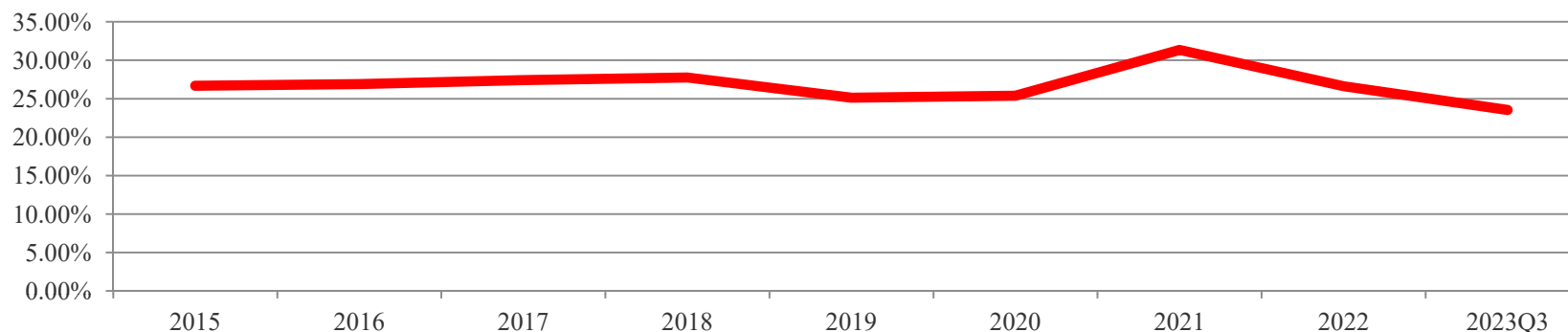


	2015	2016	2017	2018	2019	2020	2021	2022	2023Q3
<b>Taiwan</b>	82%	78%	78%	85%	80%	81%	80%	85%	78%
<b>China</b>	18%	22%	22%	15%	20%	19%	20%	15%	22%



# Performance

## Gross Margin(%)



Unit : NTD, K

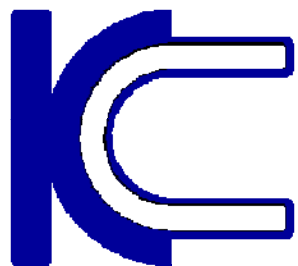
	2015	2016	2017	2018	2019	2020	2021	2022	2023Q3
<b>Net Revenue</b>	632,332	642,745	698,467	722,186	649,900	606,740	799,566	770,147	413,924
<b>Gross Profit</b>	168,718	172,964	191,501	200,491	163,313	153,991	250,667	205,014	97,437
<b>Gross Margin(%)</b>	26.68%	26.91%	27.42%	27.76%	25.13%	25.38%	31.35%	26.62%	23.54%
<b>Profit before tax</b>	122,163	98,105	43,480	158,602	96,436	40,159	107,773	233,451	<b>106,047</b>
<b>Profit for the period</b>	104,086	82,557	42,957	127,497	80,341	34,073	80,798	190,616	<b>88,773</b>
<b>ROE(%)</b>	7.05	5.8	3.11	9.24	5.66	2.43	5.69	12.9	5.8
<b>EPS (NT Dollar)</b>	1.22	0.96	0.5	1.48	0.93	0.39	0.93	2.17	<b>1.01</b>

**Note 1: Above financial information has been audited by CPA.**

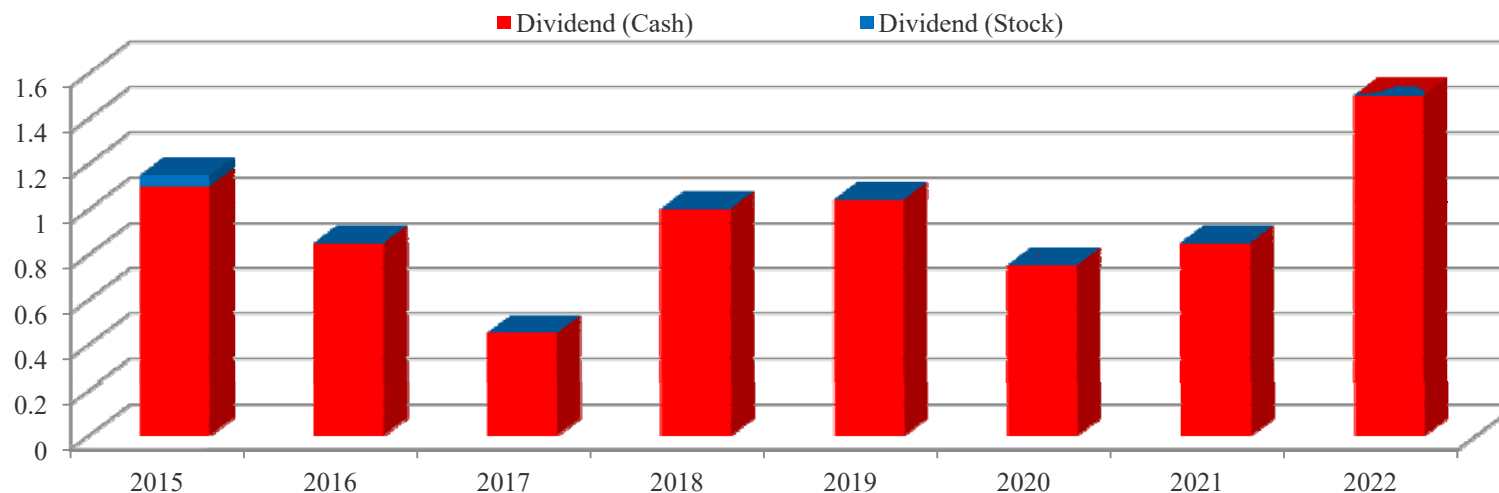
**Note 2 : Adopting International Financial Reporting Standards since year 2013.**

2023/12/15

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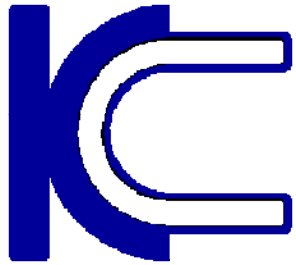


# Dividend



	2015	2016	2017	2018	2019	2020	2021	2022
Basic earnings per share (NT Dollar)	1.22	0.96	0.5	1.48	0.93	0.39	0.93	2.19
Dividend (Cash)	1.1	0.85	0.45	1.0	1.04	0.75	0.85	1.5
Dividend (Stock)	0.05	0	0	0	0	0	0	0
Dividend (Total)	1.15	0.85	0.45	1.0	1.04	0.75	0.85	1.5
Payment ratio	94.26%	88.43%	90.27%	67.68%	111.83%	192.31%	91.40%	69.49%

Note :Employee bonus as expenses since year 2008.



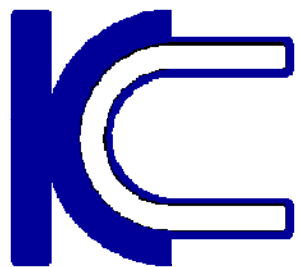
# KC Product Development Roadmap

Product Target	Major Knowhow	Market Application
Common Mode Filter / Choke	Precision and patent LTCC design and manufacturing	Automotive Electronics, 5G, Ultra-high speed differential signal interface such as Common Mode, BPF, LPF and Diplexer
GHz impedance suppression component in Multilayer chip design and material	Material composition, inner circuit design, precision printing technique	5G, GHz chip suppressor for EMI/RFI solution application
EMI suppression absorber ferrite material	Material composition, pressing technique, sintering technique	Automotive Electronics, 5G, NFC, WPC, EMI/RFI shielding tool, EMI suppression component
Inductive Antenna	Material composition, inner circuit design, winding technique	Automotive Electronics, Smart Home, RFID, Security System wireless sensors application
High current power choke	Material composition, inner circuit design, lamination & winding technique	Automotive Electronics, Miniaturization 3C product's EMI & high current power solution

2023/12/15

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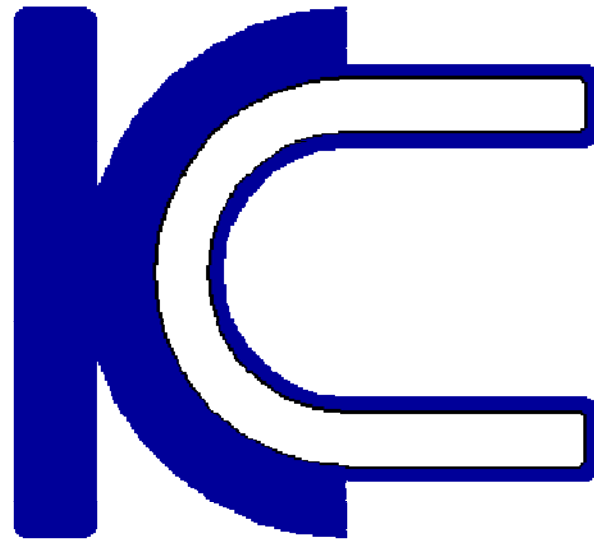
## 2023 Development Plan

- Invest in Taiwan:
  - considering the global market change, supply chain stability and production capacity, the production line and factory of ferrite magnetic material powder with capacity of 300 tons in Taoyuan site are planned to be expanded in 2023 and expected to be put into mass production in Q3 of 2024.



2023/12/15

鈞寶電子工業股份有限公司  
KING CORE ELECTRONICS INC.



Thanks for your attending