





THINKING COMPANY PROFILE



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Company Introduction



Management Systems



Markets and Customers



Competitive Strength





Corporate Mission



Mission Statement:

Contribute to safety and operation efficiency of electronics

We "think" and "are keen" to offer customers "service."



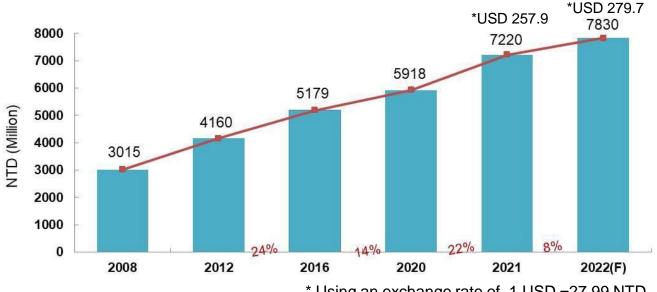
T	Think	
K	Keen	
S	Service	



Company Introduction



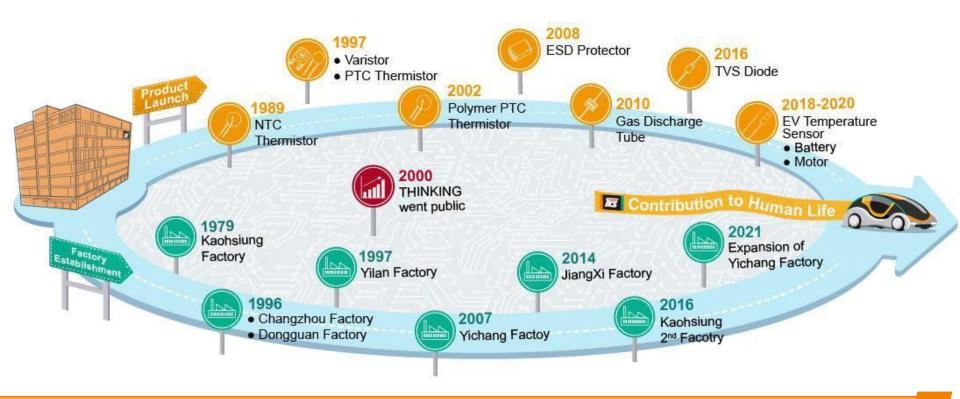
- Established in 1979
- 7 factories and 4300 employees
- 2008-2022 Net Revenue:





Milestone

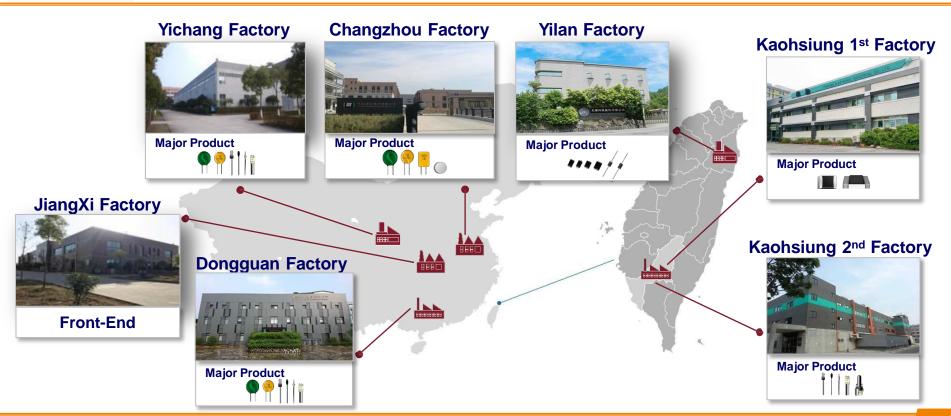






Factories of THINKING







THINKING Products



Over-Temperature Protection





NTC Thermistor

PTC Thermistor

Temperature Sensor

Over-Current Protection







NTC ICL

PTC Thermistor

Polymer PTC Thermistor

Over-Voltage Protection



General **Protection**



Primary Protection



ESD Protection



TVS Diode



Spark Gap **Protector**



Thyristor Surge Suppressor



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Company Introduction



Management Systems



Markets and Customers



Competitive Strength





Major Markets

40%

19%



Information and Communication Technology



Telecom

Power Supply



Electronics



Computer

Home Appliances and Lighting





Home Appliances

Lighting

Automotive and Industrial

20%

21%





Automotive

Industrial

Medical and Others





Other

Medical

Other applications



Distributor



Major Customers





Home **Appliances**





















Automotive



















































Consumer Electronics & Computer









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Company Introduction



Management Systems



Markets and Customers



Competitive Strength





Management System



- Quality Management System:
 ISO 9001-2015, IATF 16949-2016, QC 080000-2017
- Health and Safety Management System: ISO 45001-2018
- Environmental Management System:

ISO 14001-2015

ISO 14064-1:2006 (Greenhouse Gas Verification Statement)

PAS 2050:2008 (Product Carbon Footprint Verification Statement / Verified Product: TSM0402)

Responsible Business Alliance Code of Conduct:

RBA Platinum Status



Agency Approval of Product



	e FIV ous	EV SPD	Ø€)	TÜVRheinland CERTIFIED	(cac)	国家电网 STATE GRID
NTC Thermistor	V			V	V	
Varistor	✓	V	V	✓	✓	✓
PTC Thermistor	V		V	V	✓	
Polymer PTC Thermistor	V			V	✓	
Gas Discharge Tube	✓					
NTC Temperature Sensor	V		V	V	V	
TVS Diode	✓					✓
					Ī	

Note: is for UL + cUL



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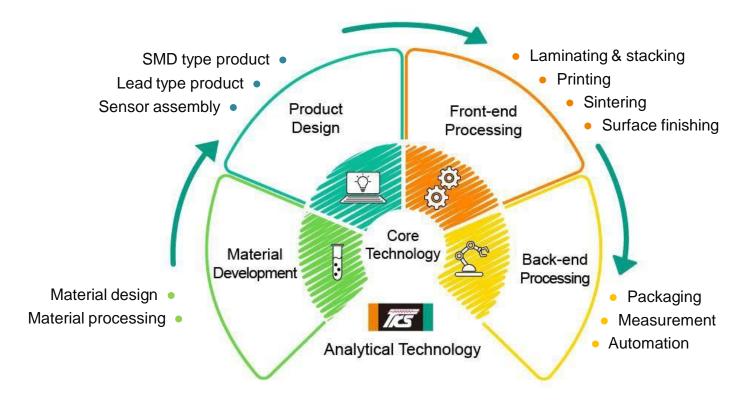
Competitive Strength





Core Technology







UL & TUV Certified Laboratories



 Laboratories of THINKING passed the CTDP (Client Test Data Program) of UL and witness testing qualification of TUV.















Technical Support



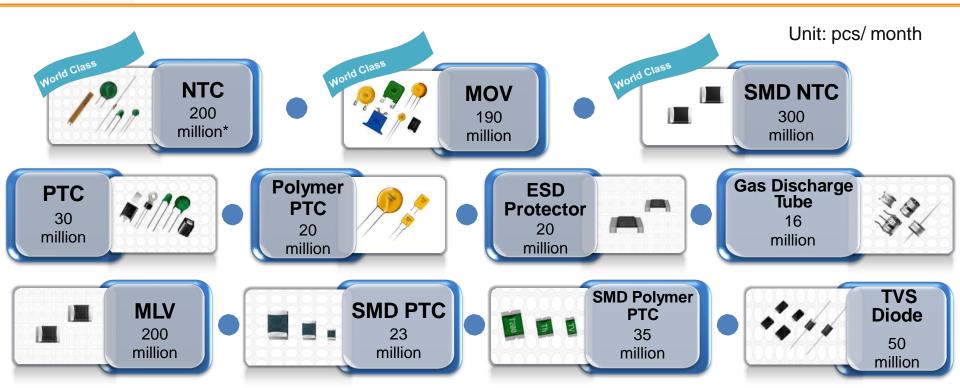
THINKING AE team provides comprehensive technical support.

- Technical Consultation: Discussion of technical problems with customers
- Product Selection Suggestion: Selecting products in accordance with customer's needs
- Circuit Design Assistance: Discussion of circuit design for problems that customers encounter
- Application Example: Application experience sharing with customers



Economies of Scale



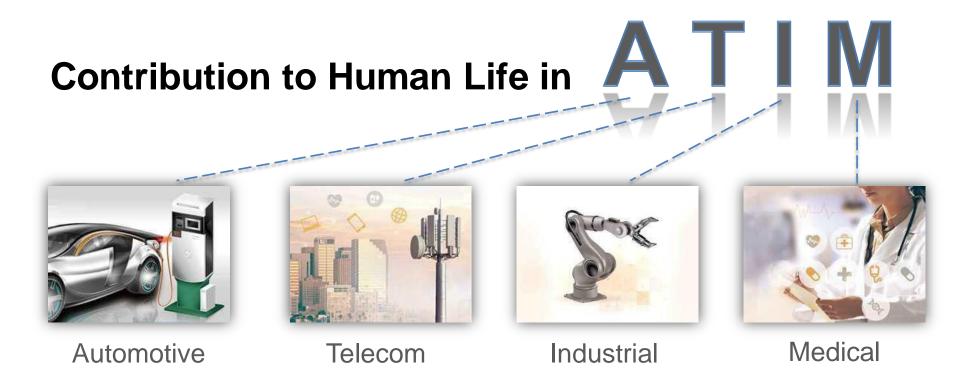


^{* 39} million pcs of NTC assembly products are included.



Vision







Continuous Expansion



Expansion of Yichang Factory is completed in 2021.





Expansion Plan	Location	Area	Major Product
Yichang Factory	Hubei	20,000m ²	Temperature sensors



Continuous Expansion







Expansion Plan	Location	Area	Major Product	Estimated Time of Completion
Kaohsiung Factory	Taiwan	24,000m ²	Automotive products	H1 of 2023
Changzhou Factory	Jiangsu	9,300m ²	Protective componentsTemperature sensors	2023



Continuous Expansion





Expansion Plan	Location	Area	Major Product	Estimated Time of Completion
Zhongshan Factory	Guangdong	134,500m ²	Protective componentsTemperature sensors	H2 of 2023 (First phase of factory)

THINKING ELECTRONICS CAMEL GECO ELETTRONICA

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THANK YOU!

THINKING

Contribute to safety and operation efficiency of electronics