



DONG AN Electronics Co., Ltd.
Company Profile



22, Chugye-ro, Yangji-myeon, Cheoin-gu, Yongin-si, Gyeonggi-do, 17156, Korea

Website : www.donganelec.co.kr

Tel : +82-31-335-9341



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- 2. Sales status**
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- 5. Main production items – Standard Inductor & Customized**
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1. Company Overview



Headquarters_Yongin, Korea
Factory in Korea



Factory 1 – Qingdao, China



Factory 2 – Tianjin, China



Factory 3 – Dongguan, China

Company name : Dongan Electronics Co., Ltd.

Date of Establishment : 1981. 07. 01

Capital : 2.2 million USD

Sales amount (2024 Year) : 35.4 million USD

Employee (2024 Year) : 195 persons

Headquarter _ Yongin, Korea _30 persons (Research : 12 persons)

Factory 1 – Qingdao, China _ 85 persons

Factory 2 – Tianjin, China _ 30 persons

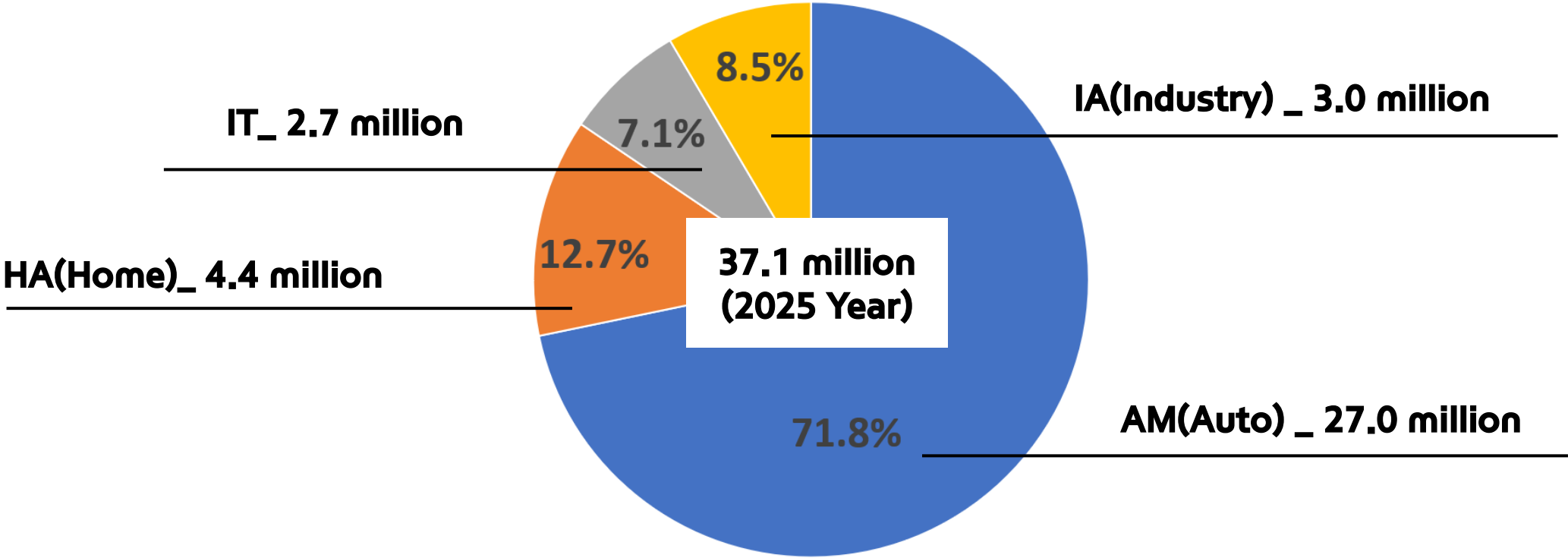
Factory 3 – Dongguan, China _ 50 persons



2. Sales status

● Revenue(expectation): 37.1 million USD* (2025)

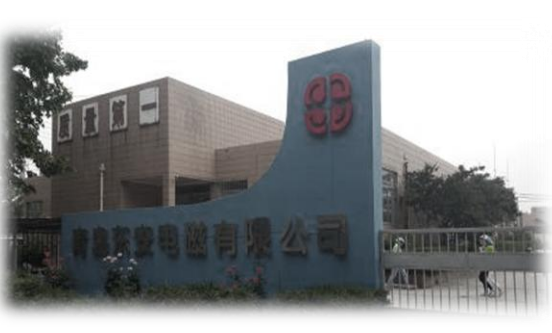
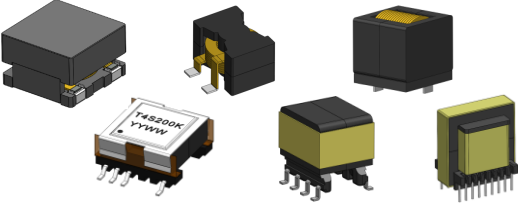
* 1 USD ≈ 1,000 won



YEAR	2021Y	2022Y	2023Y	2024Y	2025Y
TOTAL	22.3	28.6	30.0	35.4	37.1
AM(Auto)	13.9	20.0	21.2	25.4	27.0
HA(Home)	4.2	4.4	4.3	4.5	4.4
IA(Industry)	2.5	2.4	2.3	3.0	3.0
IT	1.7	1.8	2.2	2.5	2.7



3. Company Status

Division	HEAD OFFICE FACTORY	Qing-Dao China 1st FACTORY	Tian-Jin China 2nd FACTORY	Dong-Guang China 3rd FACTORY
View				
LINE View				
Product				
	INDUCTOR	INDUCTOR, Transformer	Noise Filter , EMI Filter	MOLD Filter, Reactor
CAPA	Employee: 30persons CAPA : -. Power Inductor:10KK/Month	Employees: 85persons CAPA : -. Power Inductor: 50KK/Month -. Transformer : 2KK/Month	Employees: 30persons CAPA : -. Noise Filter: 500K/Month	Employees: 50persons CAPA : -. Mold Filter : 100K/Month -. Reactor : 200K/Month

4. Company Overview and Organization Chart

Company	Dongan Electronics Co., Ltd.	Main Industries	Electronic components manufacturing
CEO	Hwang HyungJai	Date of Establishment	1981 Year
employee	195 people	Quality Certification Status	ISO9001, ISO14001, IATF16949
Main Products	SMD POWER INDUCTOR (Metal, Ferrite), Noise Filter , EMI Filter, MOLD Filter, Reactor, Transformer		
Headquarters Address	22 Chugye-ro, Yangji-myeon, Cheoin-gu, Yongin-si, Gyeonggi-do		
Organization	CEO Management Support General Affairs/Accounting/Finance/Planning Sales Team Auto/HA/IT/IA Production Team KOREA YONG-IN Factory CHINA Qing-Dao Factory CHINA Tian-Jin Factory CHINA Dong-Guang Factory Research Institute Trans Inductor EMC Module Next generation Quality Team		



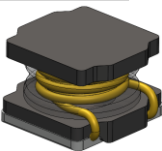
5. Main production items – Standard Inductor & Customized

PNL TYPE

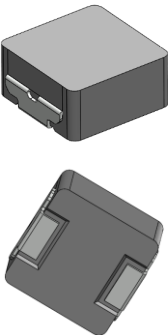


FERRITE, METAL SEMI SHIELD

W*D (mm)	H (mm)									
2.0/1.2	1.0									
2.0/1.6	1.0									
2.5/2.0	1.0	1.2								
3.0	1.0	1.2	1.5		2.0	2.1				
4.0		1.2	1.5	1.8	2.0		2.6	3.0		
5.0		1.2	1.5		2.0			3.0	4.0	
6.0			1.5		2.0			2.8	4.0	4.5
8.0									4.0	5.0 6.5

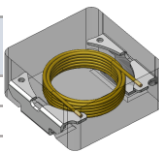


SPI TYPE

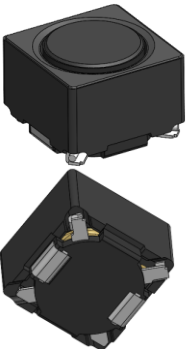


METAL SHIELD

W*D (mm)	H (mm)									
4.0	1.2			2.0						
5.0			1.8		3.0					
7.0	1.2	1.5	1.8		2.4	3.0	4.0	5.0	5.4	
8.0							4.0			
10.0							4.0	5.0		
13.0							4.0	5.0	6.0 6.5	
17.0										7.0
23.0										13.0

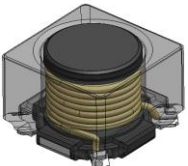


TSL/BSL TYPE

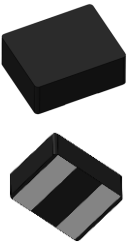


FERRITE SHIELD

W*D (mm)	H (mm)
7.3	4.5
10.0	8.0
12.0	8.0
15.0	8.0
18.0	8.0

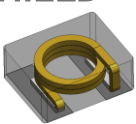


MMPI TYPE

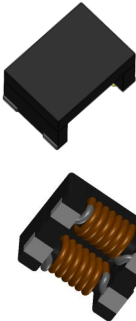


METAL SHIELD

W*D (mm)	H (mm)
2.0/1.6	1.0
2.5/2.0	1.0
4.0	1.0

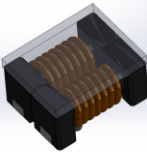


CMFP/CMFS TYPE



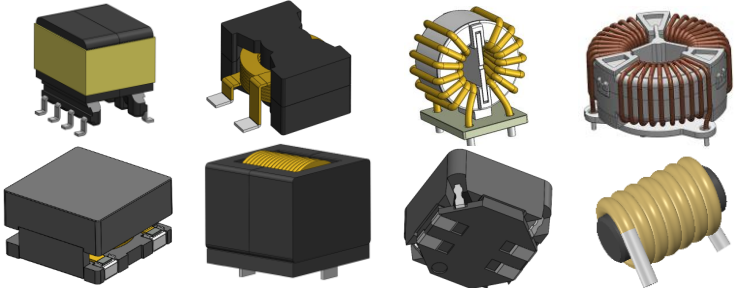
COMMON MODE SHIELD

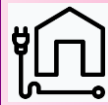
W*D (mm)	H (mm)									
2.0/1.2	1.4									
3.2/1.6		2.2								
3.2/2.5			2.4							
4.5/3.2				3.0						
5.5/5.5					3.5					
7.0/6.0						3.8				
9.0/7.0							4.5			
12.0/11.0								6.0		
15.0/13.0									6.0	



CUSTOMIZED SOLUTIONS TYPE

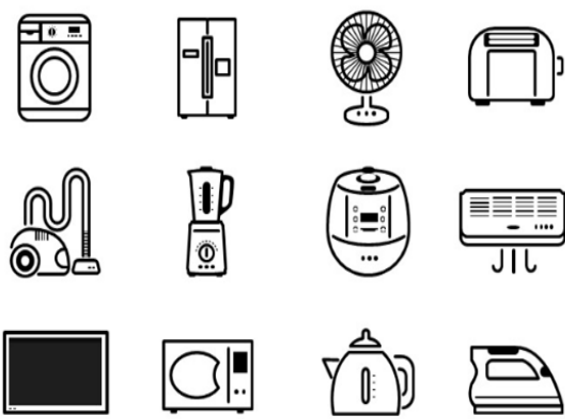
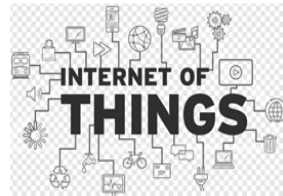
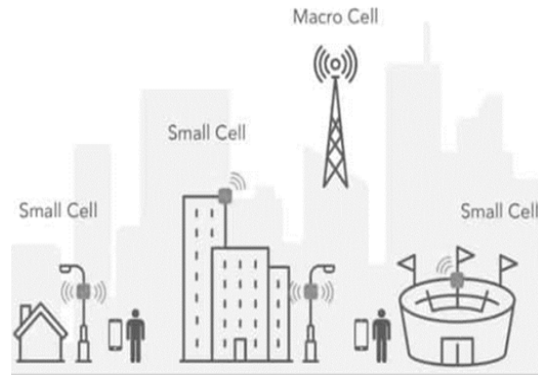
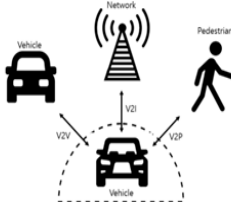
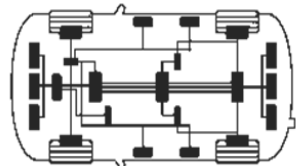
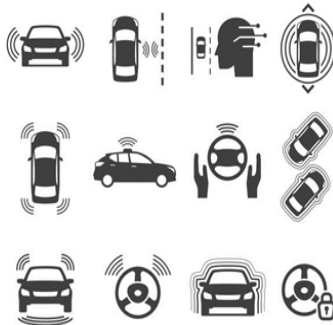
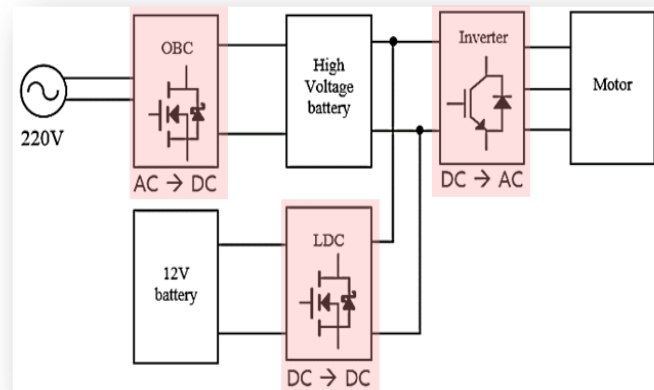
CUSTOMIZED SOLUTIONS



 Home Appliances	 Information & Communication Technology	 Automotive General	 xEV Automotive Customized solutions
❖ PNL TYPE ❖ SPI TYPE ❖ TSL/BSL TYPE ❖ CMFP/CMFS TYPE ❖ CUSTOMIZED SOLUTIONS TYPE	❖ PNL TYPE ❖ MMPI TYPE ❖ CMFP/CMFS TYPE	❖ PNL TYPE ❖ SPI TYPE ❖ TSL/BSL TYPE ❖ CMFP/CMFS TYPE	❖ CUSTOMIZED SOLUTIONS TYPE



6. Product Application

Home Appliances		Information & Communication Technology		
Major Appliances / Small Appliances 		Smart speakers  AR/VR (Augmented Reality & Virtual Reality) 	IoT(Internet of Things)  Power for Infrastructure 	5G Small Cell 
Automotive General		Automotive Customized solutions		
V2X  Motorcycle 	In-Vehicle Network  Comfort 	Safety  Powertrain 	xEV  	

[Applicable to various applications]

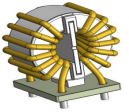
6. Product Application

◆ Automotive Part

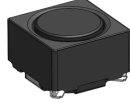
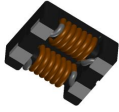
❖ V2X(Vehicle to Everything)

- : TCU(Telematics Control Unit)
- : DSRC(Dedicated Short Range Communication)

✓ EMC Components
〈Filter〉



✓ Power Magnetics
〈Inductor〉



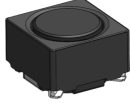
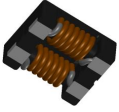
❖ IVN(In-Vehicle Network)

- : Central Server/Gateway
- : Zone ECU

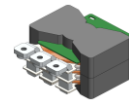
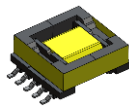
✓ EMC Components
〈Filter〉



✓ Power Magnetics
〈Inductor〉



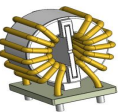
✓ Power Magnetics
〈Transformer〉



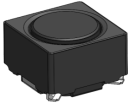
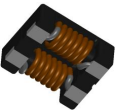
❖ xEV(x Electric Vehicle)

- : BMS(Battery Management System)
- : Motor Inverter
- : DC-DC Converter
- : OBC(On Board Charger)
- : Inverter
- : Wireless Power Transfer
- : AVAS(Acoustic Vehicle Alert Sound)

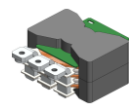
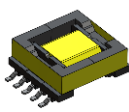
✓ EMC Components
〈Filter〉



✓ Power Magnetics
〈Inductor〉



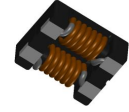
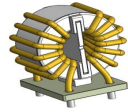
✓ Power Magnetics
〈Transformer〉



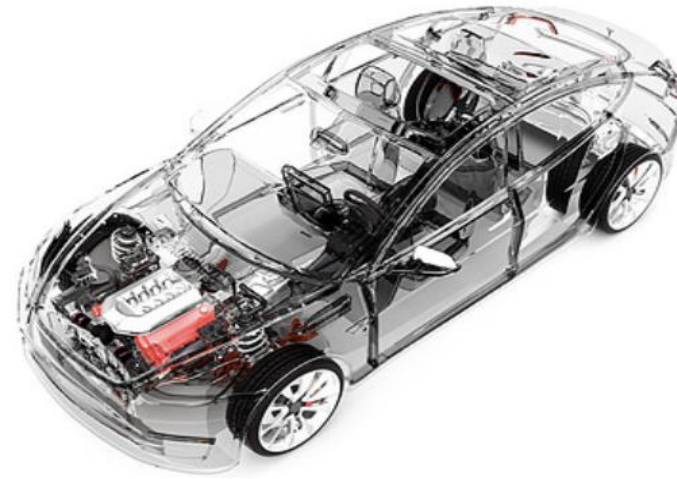
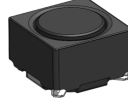
❖ Comfort

- : (IVI)In-Vehicle Infotainment
- : Climate Control
- : Charging Wireless
- : Charging Wired

✓ EMC Components
〈Filter〉



✓ Power Magnetics
〈Inductor〉



❖ Automotive

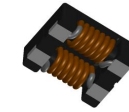
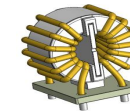
✓ EMC Components
〈Ferrite Clamp〉



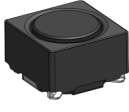
❖ Safety

- : Sensing Camera
- : Radar
- : LiDAR(Light Detection And Ranging)
- : Child Presence Detection System
- : DMS(Driver Monitoring System)
- : Head Up Display
- : ADAS/AD ECU
- : Drive Recorder
- : Parking Assist(View Camera)
- : Parking Assist(View Camera) ECU
- : Power Steering
- : Brake(ABS, ESC, Boost Brake)
- : 4D Radar
- : Lighting
- : Roof Antenna

✓ EMC Components
〈Filter〉



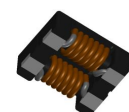
✓ Power Magnetics
〈Inductor〉



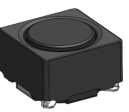
❖ Powertrain

- : Engine ECU
- : Transmission ECU
- : Motor Actuator(Brush)
- : Motor Actuator(BLDC)

✓ EMC Components
〈Filter〉



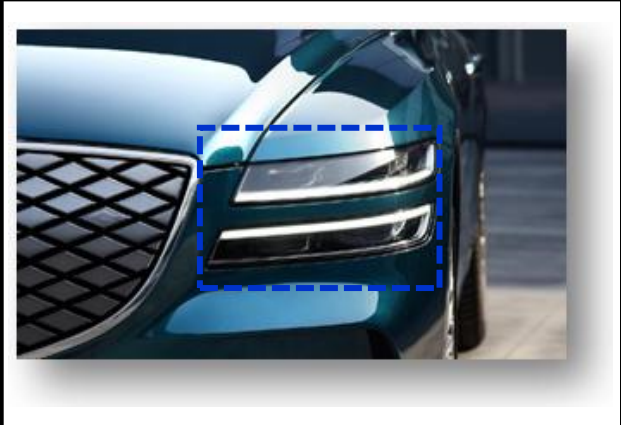
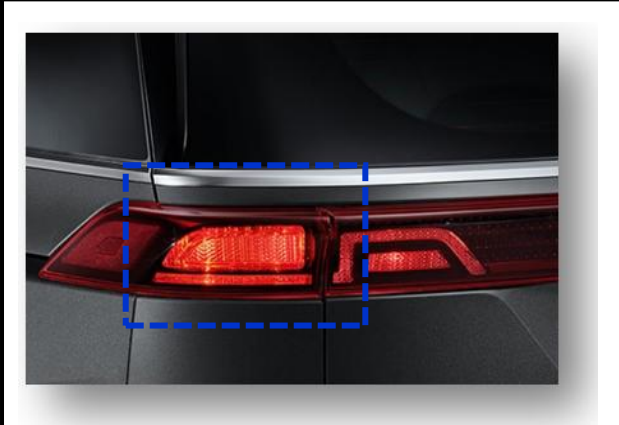
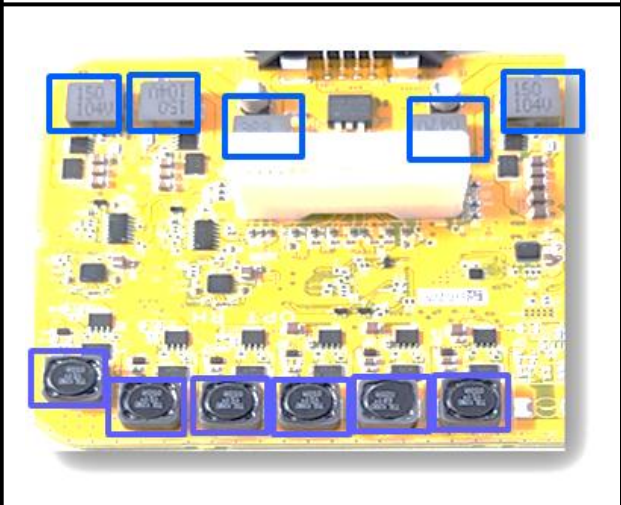
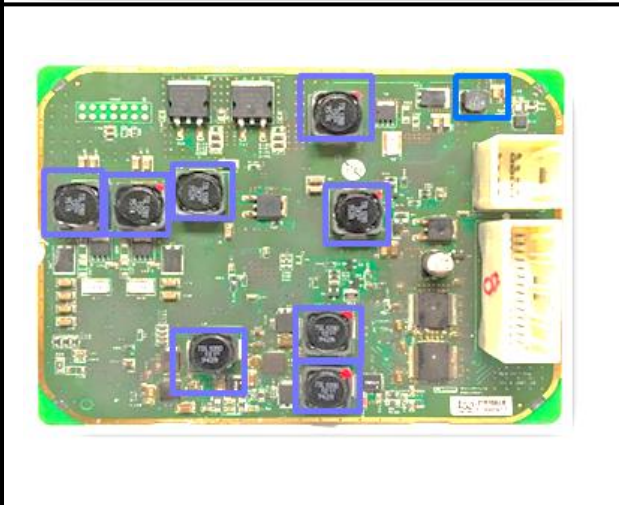
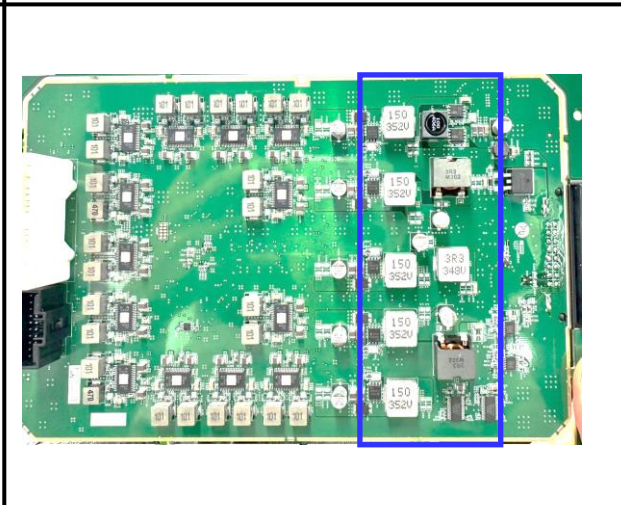
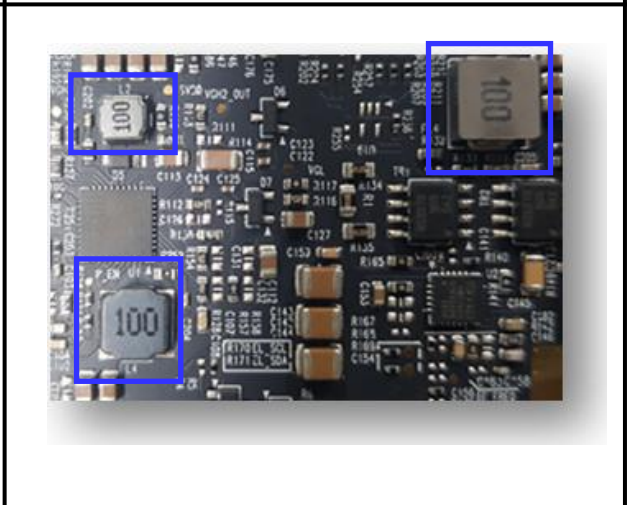
✓ Power Magnetics
〈Inductor〉





6. Product Application

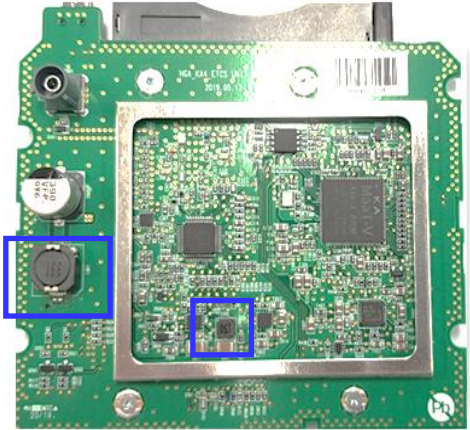
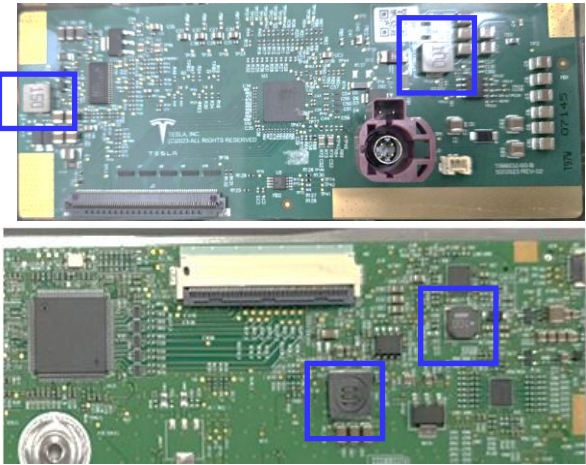
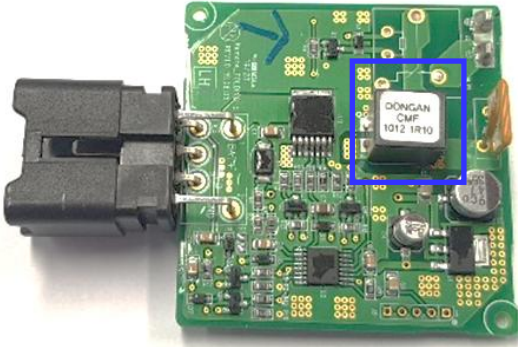
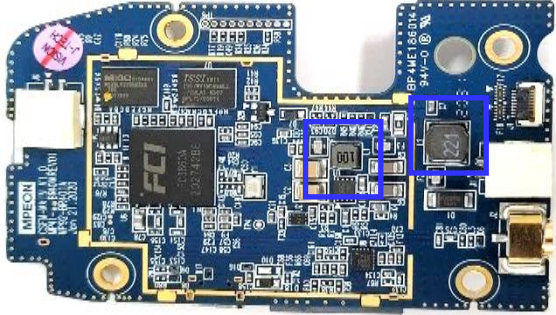
◆ Automotive Part

Head Lamps	Rear Lamps	Smart Lamp Controller	Instrument Cluster
			
			
SMD POWER INDUCTOR	SMD POWER INDUCTOR	SMD POWER INDUCTOR	SMD POWER INDUCTOR



6. Product Application

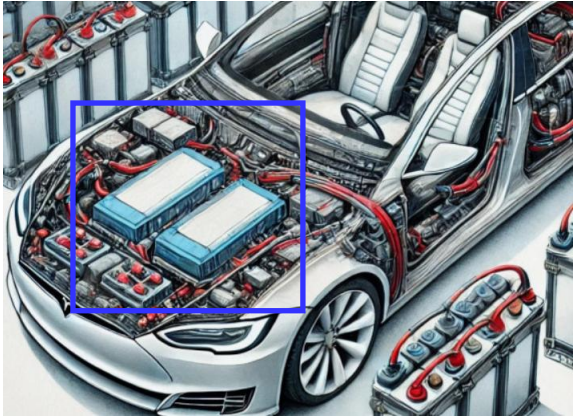
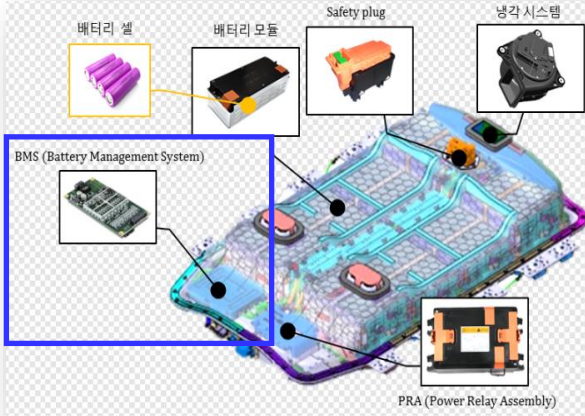
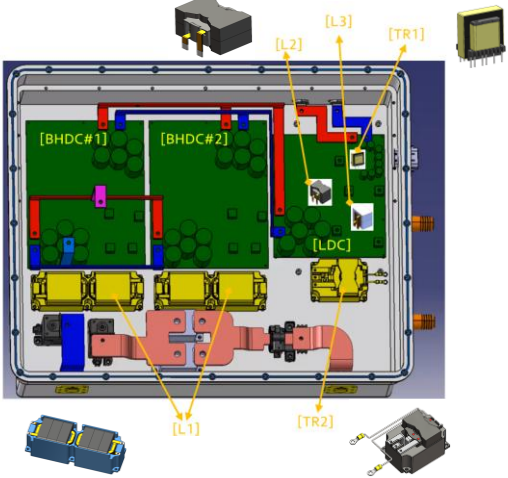
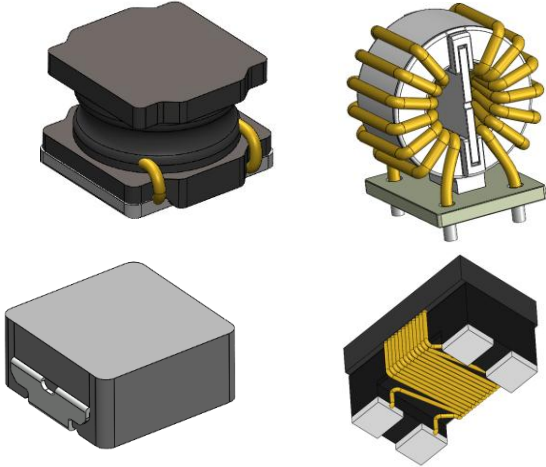
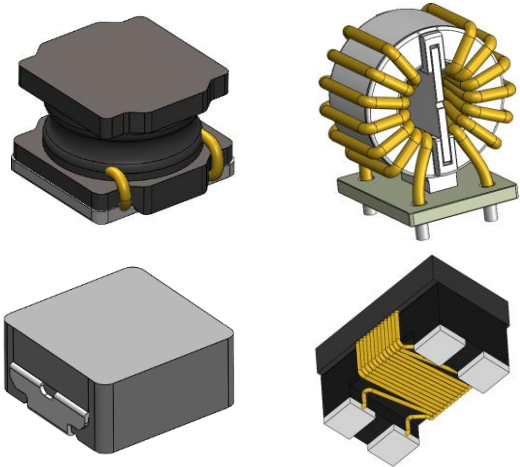
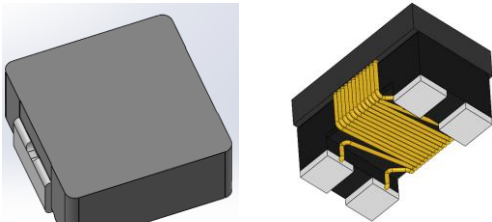
◆ Automotive Part

Hi-pass (ETCS)	Infotainment System (AVN)	SUV Rear seats power folding	MIRROR-INSIDE
			
			
SMD POWER INDUCTOR	SMD POWER INDUCTOR	Common Mode Filter	SMD POWER INDUCTOR



6. Product Application

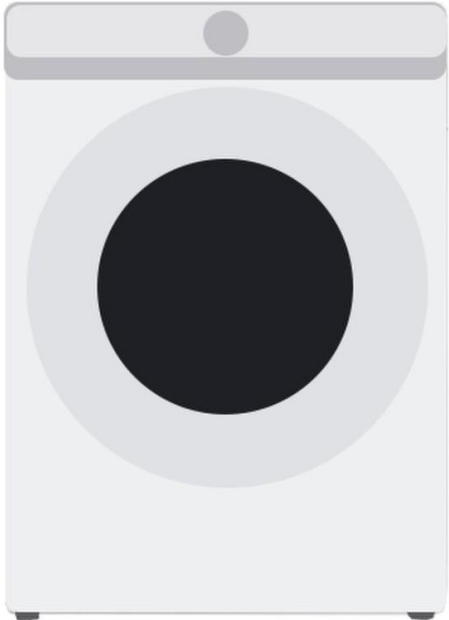
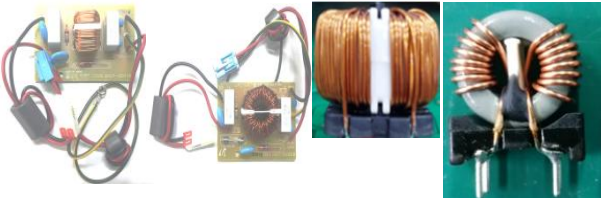
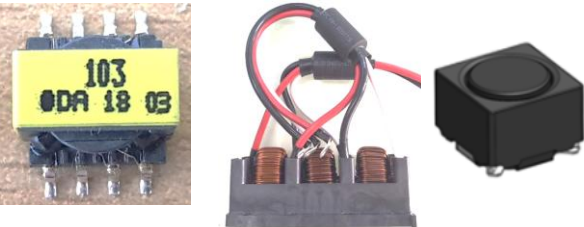
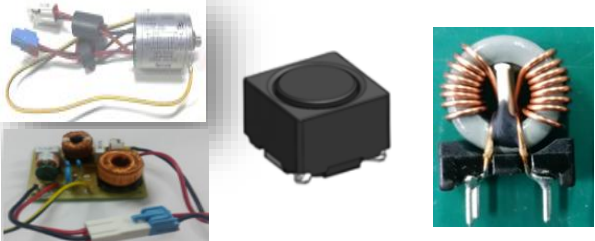
◆ Automotive Part

Power supply control module	EV Portable Charger	EV ChargerRex	Battery Management System
			
			
Tansformer, High capacity INDUCTOR	SMD POWER INDUCTOR LINE FILTER, Common Mode Filter	SMD POWER INDUCTOR LINE FILTER, Common Mode Filter	SMD POWER INDUCTOR Common Mode Filter



6. Product Application

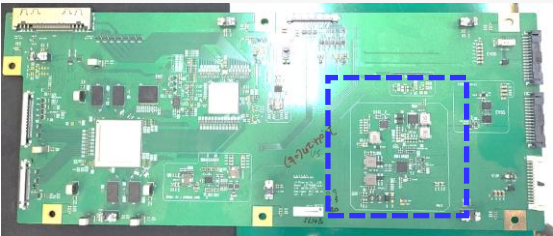
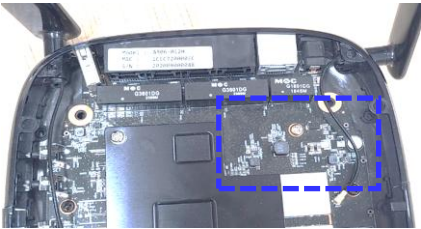
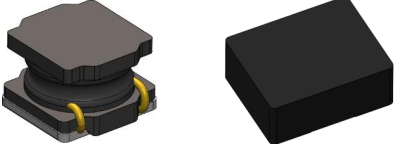
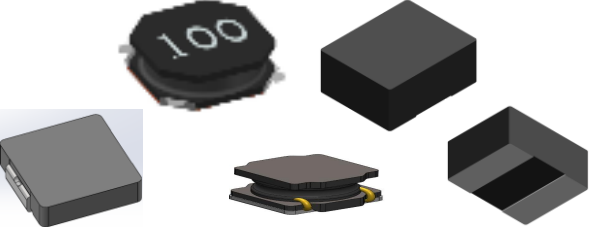
◆ HA & IT & IA Part

Washing / Drying Machine	Refrigerator	Air Conditioner	Dishwasher
			
			
REATOR, NOISE FILTER, INDUCTOR	NOISE FILTER, INDUCTOR	TRANSFORMER , NOISE FILTER INDUCTOR	TRANSFORMER , NOISE FILTER INDUCTOR



6. Product Application

◆ HA & IT & IA Part

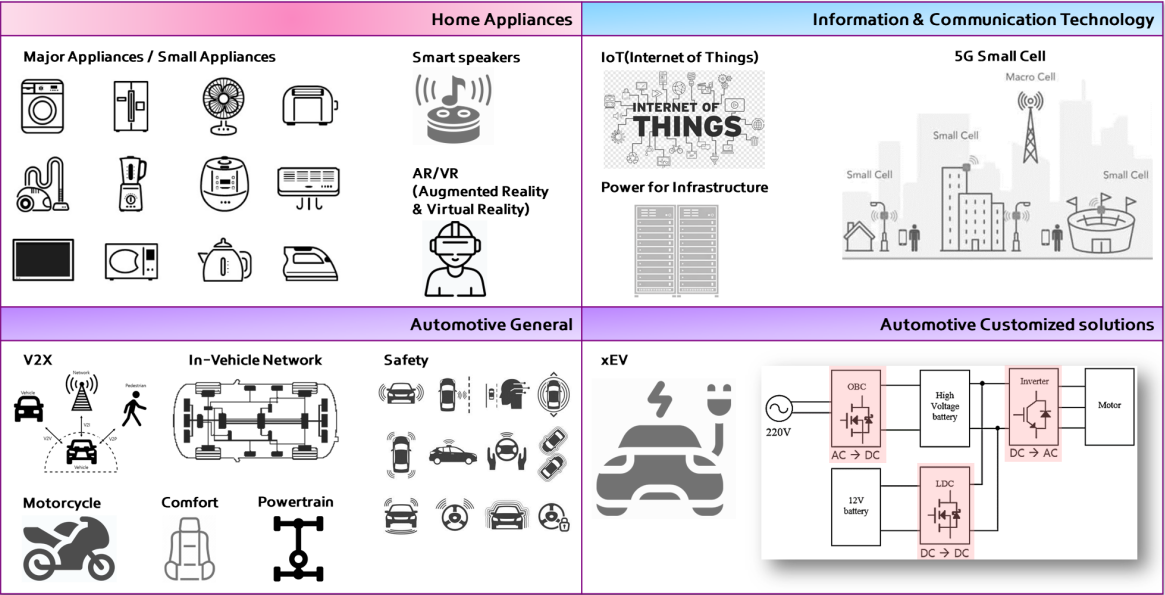
LCD / OLED TV	Wi-Fi Device	Monitor / Note Book	Elevator
 	 	 	
			
SMD POWER INDUCTOR	SMD POWER INDUCTOR	SMD POWER INDUCTOR	Industrial Filter , SMD POWER INDUCTOR



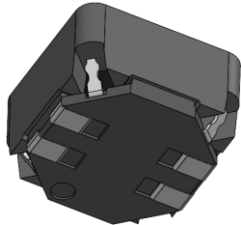
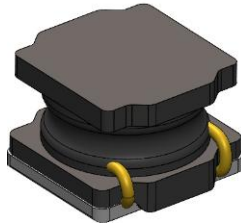
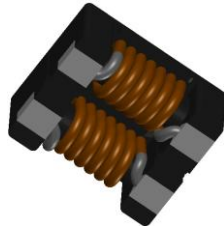
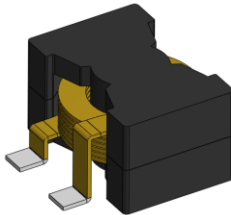
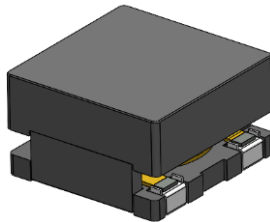
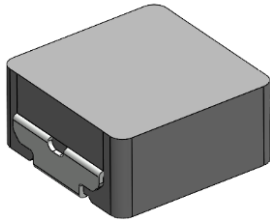
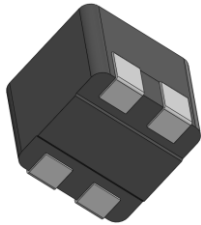
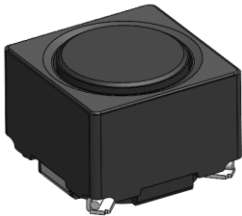
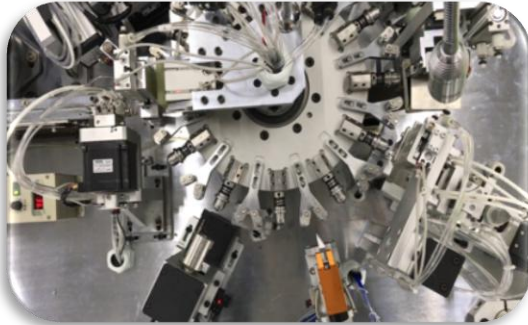
7. Company advantages – Inductor Manufacturing technology

- ✓ Securing price competitiveness and quality stability through development of self-automation system equipment and automation system equipment

[Applicable to all applications]

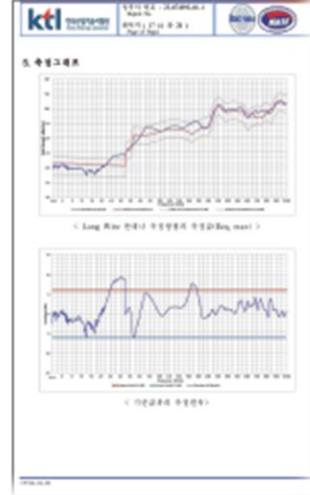
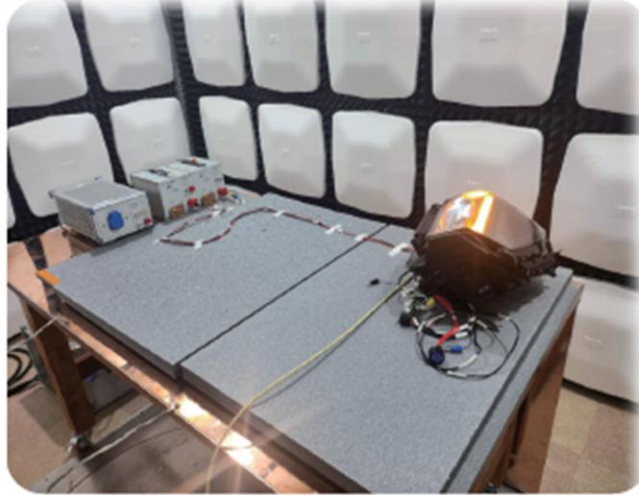


[Production M/C]



7. Company advantages – EMC & Safety Comprehensive technology and measures

✓ EMC Self-debugging and countermeasures by establishing a measurement environment



- ✓ Designated as an FCC authorized EMI testing agency 1994
- ✓ Designated as an authorized testing agency for the European Union quality certification mark CE _ 1995
- ✓ Selected as an EMC testing agency _ 1999A
- ✓ cquired certification as a national authorized testing agency (KOLAS)
- ✓ Designated as a SAFETY designated testing agency _ 2001

◆ Direct Current (DC) Type

- Radiated Emission : 9KHz ~ 3GHz
- Conducted Emission(Voltage method) : 100KHz ~ 150MHz
- Conducted Emission(Current method) : 9KHz ~ 245MHz
- Power source : DC 0V ~ 1,000V/200A Max.

◆ Alternating Current (AC) Type

- Radiated Emission : 9KHz ~ 3GHz
- Conducted Emission(Voltage method) : 9KHz ~ 30MHz
- Conducted Emission(Current method) : 9KHz ~ 245MHz
- Power source : AC 220V/16A Max.

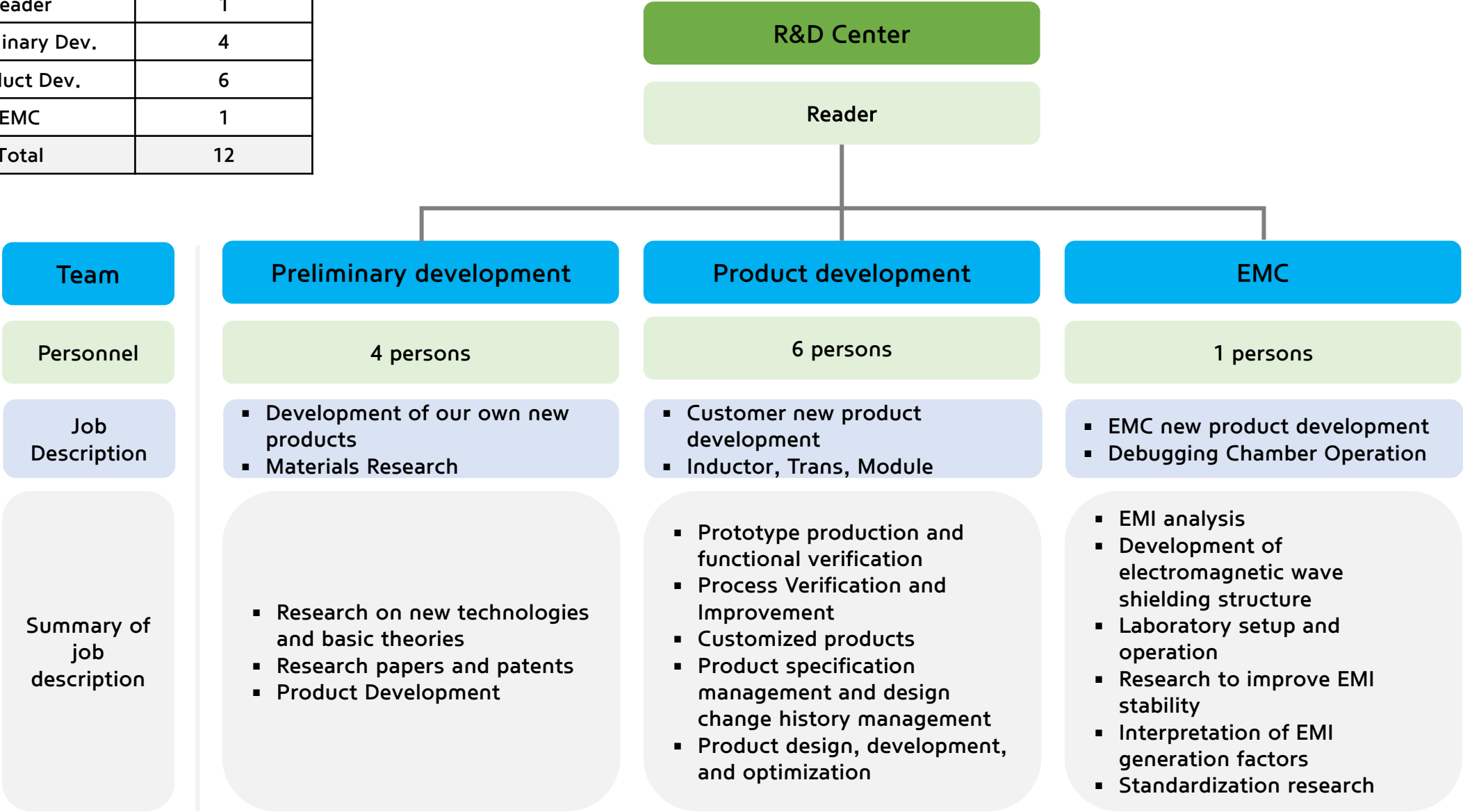
◆ Power Source

- DC : 0V ~ 1,000V/200A Max.
- AC : 220V/16A Max.



7. Company advantages – R&D Center and Organization Chart

Division	Person
Reader	1
Preliminary Dev.	4
Product Dev.	6
EMC	1
Total	12

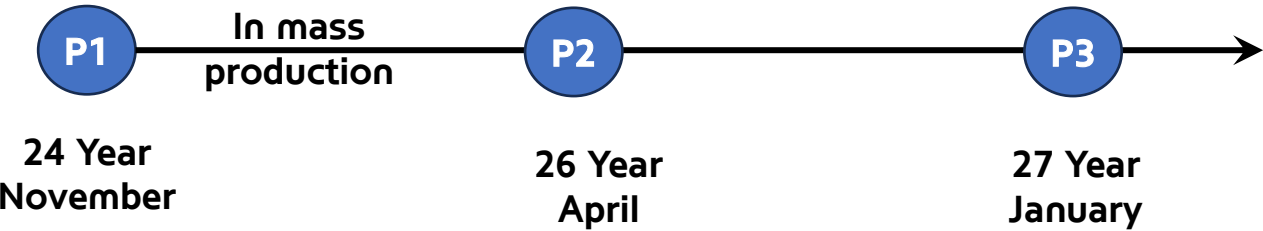




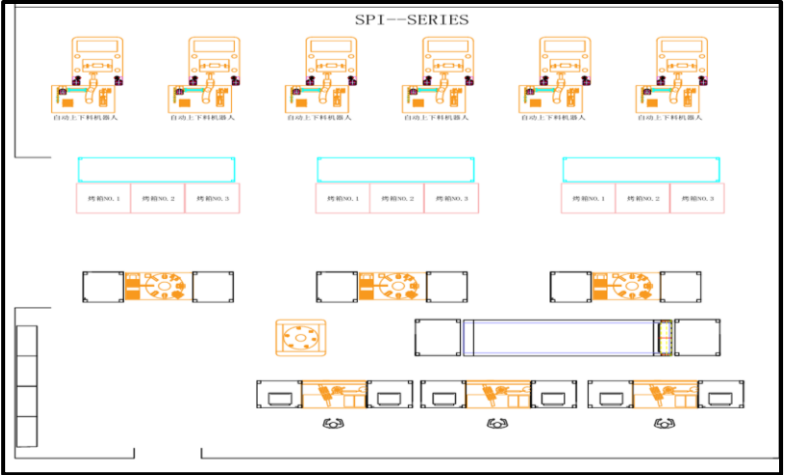
7. Company advantages – Securing a production base in Korea



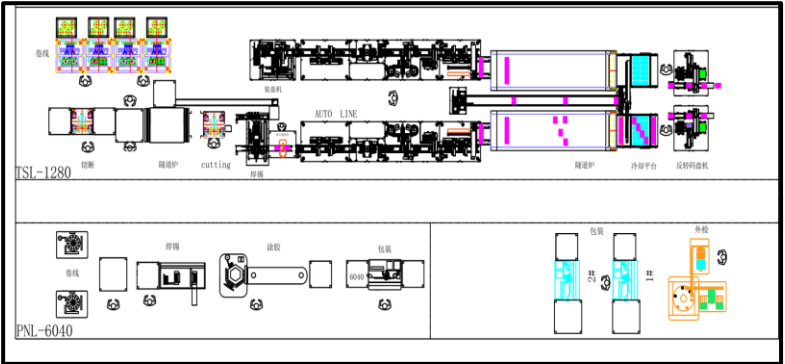
< Plan to build an automated factory >



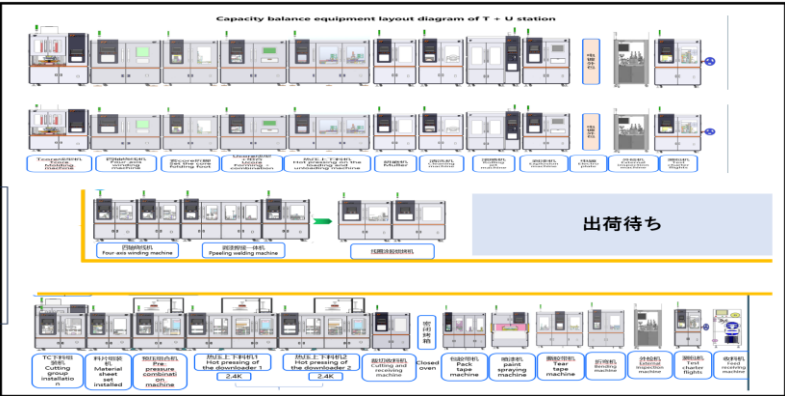
P1 LINE



P2 LINE

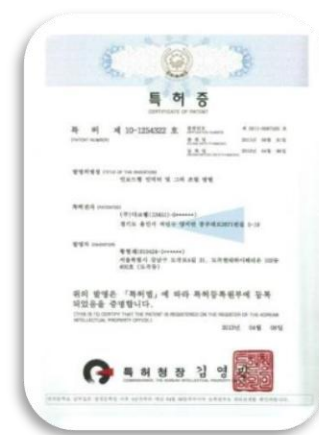


P3 LINE



8. Certificate Status

[Patent Certificate]



[IATF 16949:2016]



[ISO 9001:2015]



[ISO 14001:2015]



[IATF 16949:2016]



[Company-affiliated research institute]





DONG AN Electronics Co., Ltd.

Thank you

Dongan Electronics Co., LTD. promises the best customer service with the best products.