

AUTOMOTIVE

Selection Guide

Since **2000** | **26th** *Anniversary*

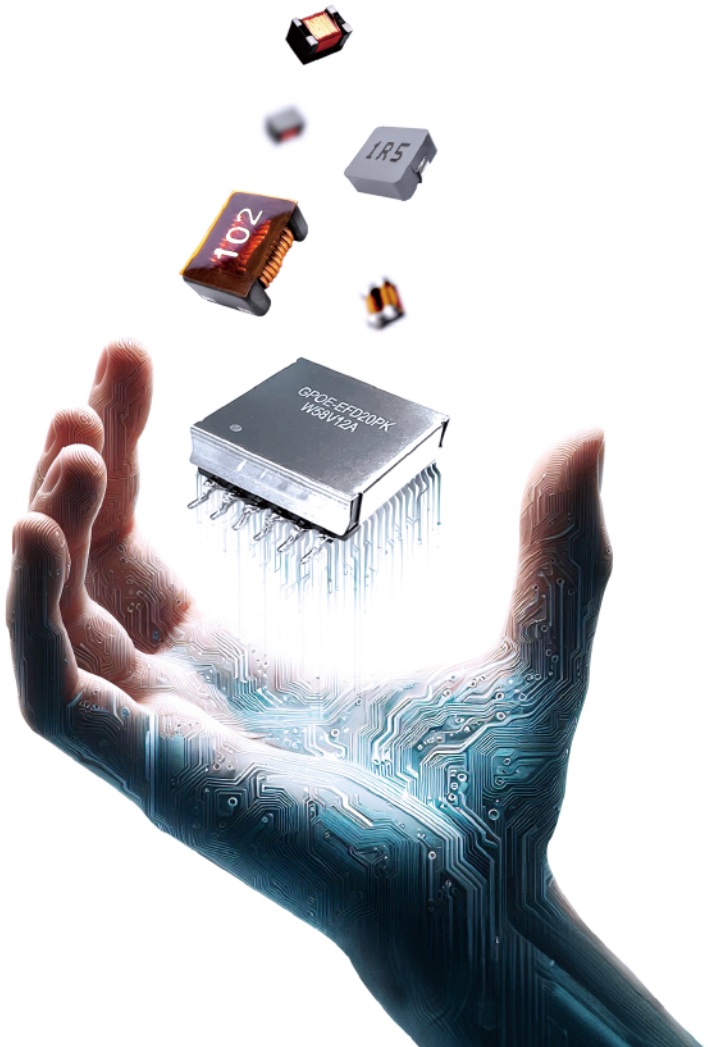
INDEX

01 Company Overview
02 Locations
03 History
04 Automated Manufacturing
05 Quality Assurance
06 Quality Assurance – Automotive Core Tools
07 Common Mode Choke R&D
08 Molded Inductor Development
09 Automotive Development Trends
10 Automotive End Customers
11 Application Guide
12 Series Application Summary
13 Series Selection Table



About GOTREND

Go Trend、Go Further、Smarter



Founded in 2000, GOTREND is a professional magnetic component design and manufacturing company.
We provide high-quality magnetic component solutions for power conversion, signal filtering, and EMI suppression across a range of applications including wireless charging, smart living, industrial automation,
medical systems, AI servers, networking, and smart automotive electronics.

GOTREND products are marketed worldwide with excellent product quality and flexible custom designs."Go Trend, Go Further, Smarter" reflects our commitment to high quality standards,including IATF 16949 and AEC-Q200 reliability certifications.

We take pride in delivering excellent products under QCDS (Quality, Cost, Delivery, Service) principles to ensure customer satisfaction.

GOTREND Technology Co., Ltd.
General Manager : Robin Tsai

Robin Tsai



Overview

Founded :	Year 2000
HQ Location :	Zhonghe District, New Taipei City 235, Taiwan
Sales Location :	Taipei, Taiwan / Guangzhou, China
Plant Site :	Vietnam / Thailand / China Guangzhou / Guangxi / Shaanxi
Major Products :	Inductor / Filter / Transformer / WPC / 3D Transponder
URL :	www.gotrend.com.tw

AUTOMOTIVE

Locations

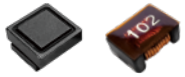


Guangzhou

IATF 16949

Dagang Town, Nansha District,
Guangzhou, China

- Automation : 80%
- Capital : USD 2M
- Facility Area : 6,000 m²
- Workforce : 200 employees



Common Mode Choke — Monthly Output 50~100KK



CMC & WPC Coil — Monthly Output 5KK



Assembly SMD Choke — Monthly Output 10~20KK



Guangxi

IATF 16949

Binyang County, Nanning,
Guangxi, China

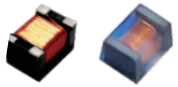
- Automation : 80%
- Capital : USD 16.7M
- Facility Area : 100,000 m²
- Workforce: 2000 employees



SMD Molding — Monthly Output 100~200KK



Assembly SMD Choke — Monthly Output 100~300KK



SMD WireWound Chip — Monthly Output 50~100KK



Shaanxi

IATF 16949

Zhoujiashan Town, Mian County,
Hanzhong, Shaanxi, China

- Automation : 70%
- Capital : USD 1.37M
- Facility Area : 9,600 m²
- Workforce: 500 employees



Assembly SMD Choke — Monthly Output 100~300KK



NEW Vietnam

Dong Nai City, Vietnam

- Automation : 70%
- Capital : USD 1.3M
- Facility Area : 5,000 m²
- Workforce: 25 employees



NR Series — Monthly Output 1~5KK



SMD Molding — Monthly Output 1~5KK



NEW

Thailand ☆ Overseas New Plant Construction ☆

Suwannabhumi Canal Rd, Tambon Bang Pla,
Bang Phli District, Samut Prakan 10540, Thailand

- Automation : 80%
- Capital : USD 1.3 M
- Facility Area : 2,400 m²
- Workforce : 200 employees



NR Series — Monthly Output 1~5KK (Est.)



SMD Molding — Monthly Output 1~5KK (Est.)

History

AUTOMOTIVE

Qualcomm Atheros Ralink
WiFi Solution Design Partner

ISO 9001 CERTIFIED ORGANIZATION
ISO 14001 CERTIFIED ORGANIZATION
RoHS compliant
REACH COMPLIANT

Since 1999

2000 GOTREND Founded
GTLQH GCL

2003 Invest GZ WLE
GTSD
Gaming
Security 70%

2005 GZ WLE ISO9000
GSDR
Wifi 80%
ADSL 70%

2006 Invest GZ ETC
GXRD GDO
GDS GTHW GTSD31
TV/TFT Panel
IPC 80% MKS

2007
QC080000
GNLE GMAZ
Cable Modem / STB / Router / Switch

2008
OHSAS 18001
GZ TECTREND Found
GTV
DSC 70%

2009
GLP
Foxconn AVL

2010
GDLW GSDRK
iMAC

2011
GNR
SSD 80%

2012 Invest ShanXi
GSTC/D, GSTM
Note2 Charger

2013 Invest HuNan
GRFT
WPC

2014
ISO TS16949
WPC TX/RX

GZ TECTREND Move to NanSha

2015
GTX-SA314 3D Transponder

2016
WPC Design Partner
IDT NXP Texas Instruments
WPC Module High Power 300W

2017
Transformer Filter
Auto Guide Vehicle

2019 GuangXi TECTREND Found
IATF 16949 NQA
Automotive 3Coil WPC
OBC / BMS

2020 GOTREND capital NT$200 million
3D Transponder
Automotive

2022
GTV GSTX GSFM GSTL
Server

2024
GW
QI2 磁吸式

2025 ISO 14064
GSFC / GSTJ / GSTE / GSTH / GSTM2

WPC Qi
Tier 1 Customers

AUTOMOTIVE

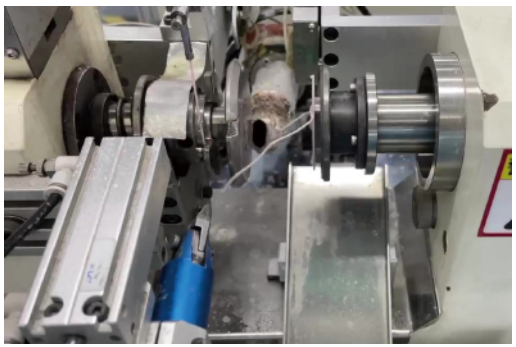
Automated Manufacturing

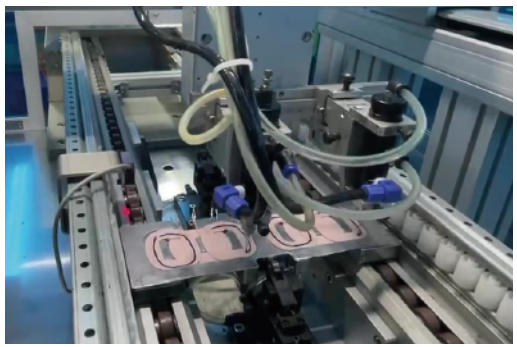


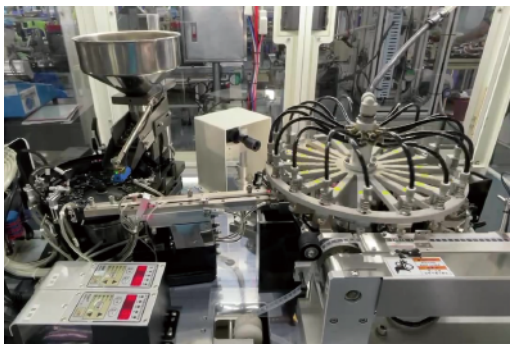
Precision automated manufacturing ensures ”0PPM”defect rate and highly reliable quality.

GOTREND has been committed to product quality and reliability for over 25 years. We continuously drive product improvement and automated manufacturing, adhering to a relentless pursuit of excellence. From product design, development, certification to manufacturing, every step is strictly controlled under ISO9001 and IATF16949 standards.









Quality Assurance

Certifications Acquired

ISO9001

ISO14001

ISO14064

IATF16949

AEO (Advanced Certification from China Customs)

AEC-Q200

In-house Reliability Testing

Salt Spray Tester

Steam Aging Tester

X-ray Fluorescence Spectrometer

Product CT Scanner

Vibration Tester

Drop Tester

Plating Thickness Tester

Constant Temperature and Humidity Chamber

Thermal Shock Chamber

Reflow Oven





Automotive Core Tools:

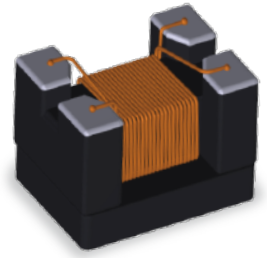
Implementation of the 6 Automotive Quality Core Tools

ADVANCED PRODUCT QUALITY PLANNING

CONCEPTUALIZATION	STAGE 1	STAGE 2	STAGE 3	STAGE 4	STAGE 5
	Automotive Project Planning & Approval	Product Design & Development Validation	Process Design & Development Validation	Product & Process Validation	Feedback & Analysis / Corrective Actions
	▲ DFMEA / ▲ PFMEA				
	CONCEPT	INITIATION	ANALYSIS	COMPLETION	MAINTENANCE
		★ MSA	PLANNING	EXECUTION	
		● SPC	PLANNING	EXECUTION	
		■ CP	PROTOTYPE CP	◆ PPAP	SUBMISSION / MAINTENANCE
				TRIAL PRODUCTION CP	
				SAFE LAUNCH CP	
					MASS PRODUCTION CP

APQP：Advanced Product Quality Planning
AIAG-VDA DFMEA：Design Failure Mode and Effects Analysis
AIAG-VDA PFMEA：Process Failure Mode and Effects Analysis
CP：Control Plan
MSA： Measurement System Analysis
SPC：Statistical Process Control
PPAP：Production Part Approval Process

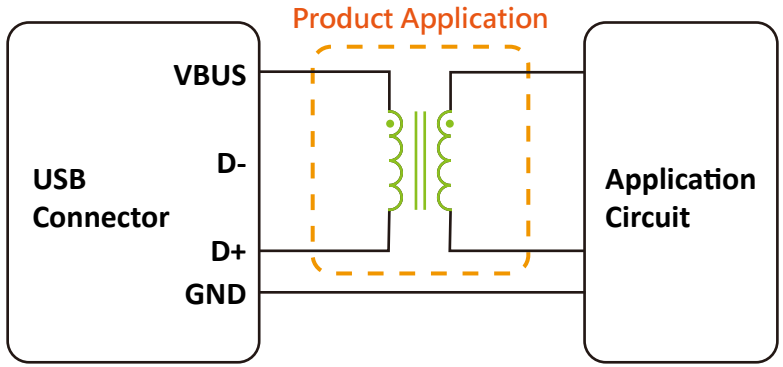
CMC R&D for EMI Mitigation



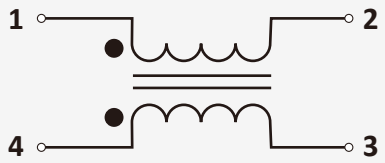
High-speed and wide-bandwidth application technologies

With the rise of high-speed and high-bandwidth demands in automotive electronics,this technology focuses on next-gen common mode chokes to mitigate EMI from protocols like **Thunderbolt™ 4, USB4 v2.0, and HDMI 2.1**, ensuring system stability and performance.

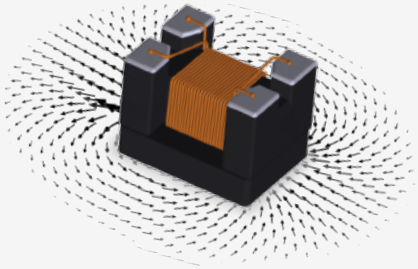
THUNDERBOLT. USB40™ Gbps HDMI 2.1



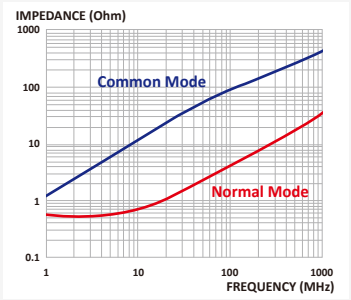
Equivalent Circuit Diagram



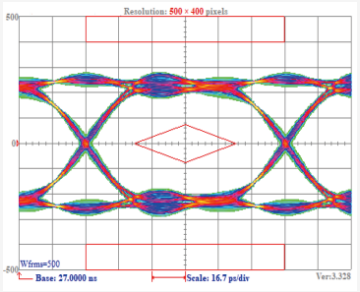
Electric Field Distribution



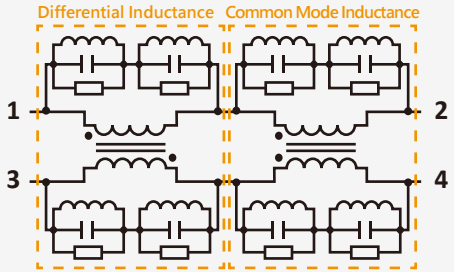
Impedance Characteristics



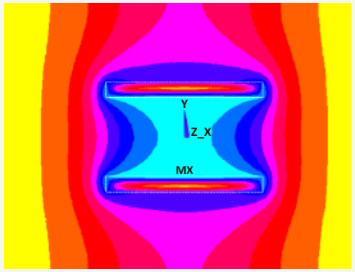
Common Mode Choke Eye Diagram



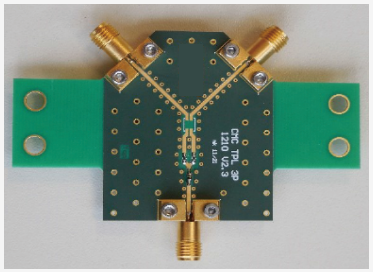
Equivalent Circuit Simulation Model



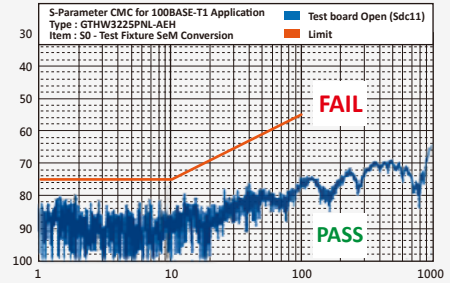
Magnetic Field Distribution Model



EMC Testing



S-Parameters

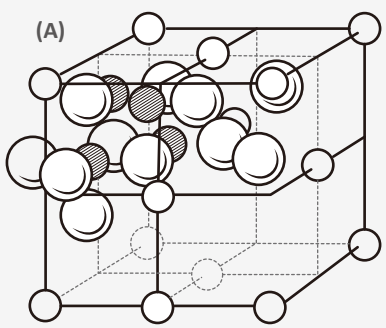


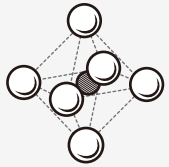
Molded Inductor Development

Requirements : Higher frequency, high current, smaller size **Results** : Smarter R&D → Precise manufacturing → Reliable quality

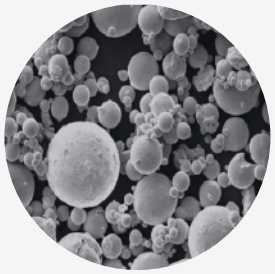
➤ Magnetic power loss



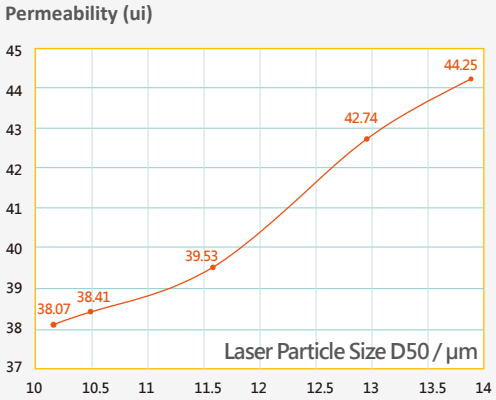


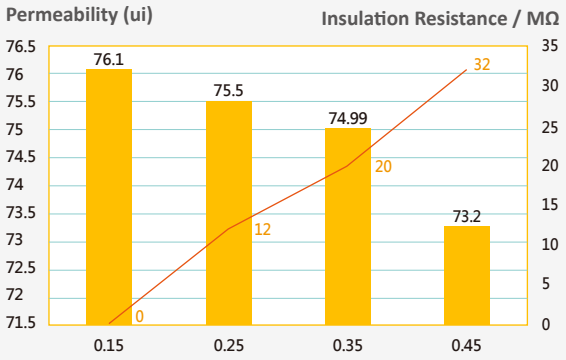




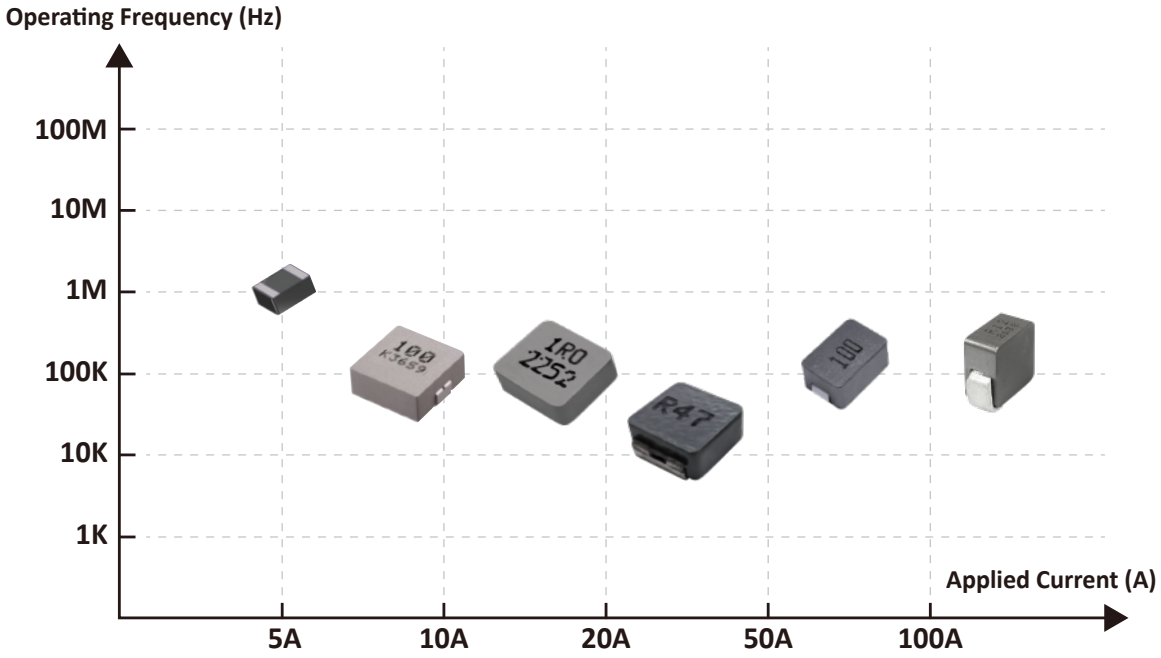


Oxygen
Cation at Octahedral Site
Cation at Tetrahedral Site

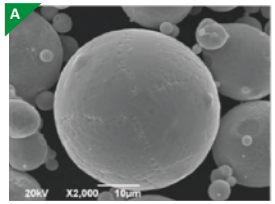


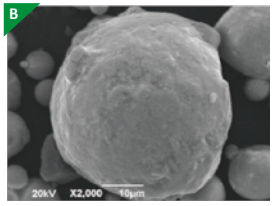


➤ SEM Analysis, Particle-Size Analysis, and Chemical Composition ➤ Relative Initial Permeability (µi)

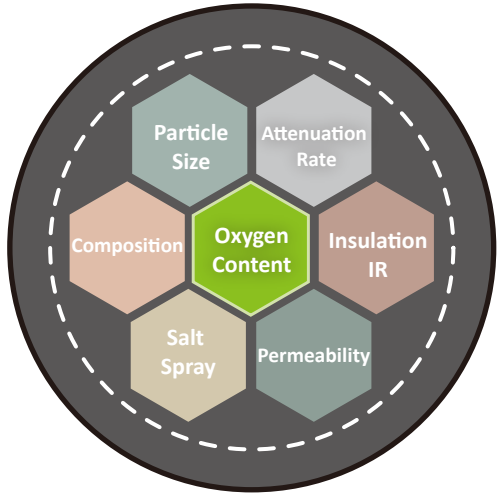








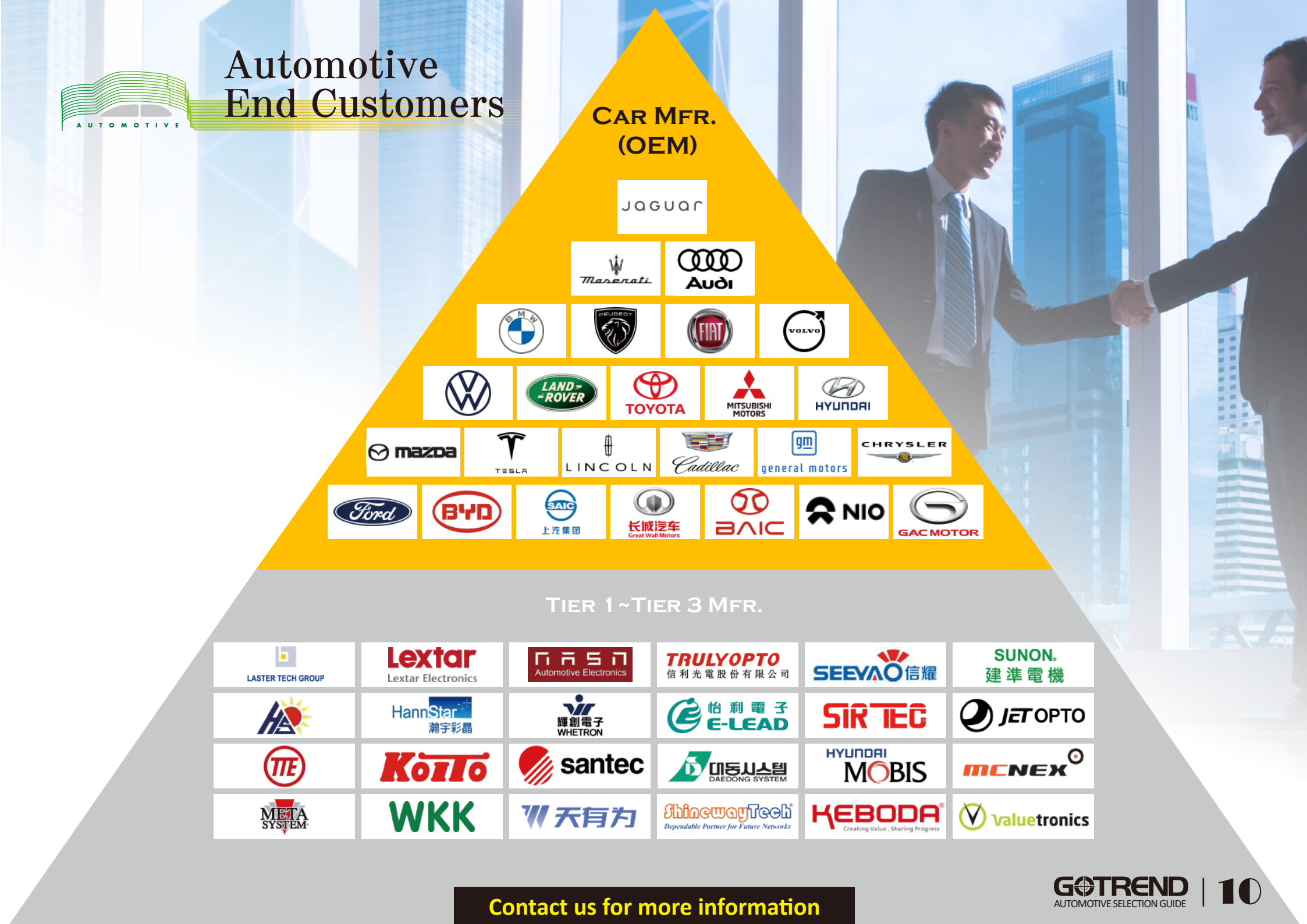
➤ Raw Material Powder



Automotive Development Trends

	2000	2005	2010	2015	2020	2025	2028
Transformer					GPOE-EFD20P, GTX-EE13P, GTX-EP06P		
3D Transponder Inductor			GTX-SA				
Molded Inductor			GSTC, GSTM, GSTD		GSTL, GSFM, GSFT	GSTE, GSTM2	
Wireless Power Transmission			Single Coil, Dual Coil		Triple Coil	MagSafe, Qi2 MPP	
NR series		GNR, GNRM					
Common Mode Choke		GTHW, GCMF, GDLW, GDLE			GCMD, GSCM, GACM, GPOCF, GFLW		
Multilayer / Bead		GBD, GTC	GTCH				
Assembly Inductor	GTLQH, GSBS, GTSD, GTH	GSDR, GDO, GNLE, GNLC, GSSR2, GSDRK	GTV		GBC, GTLVR, GNLT		

Automotive End Customers



Contact us for more information

Application Guide

AUTOMOTIVE

Body & Chassis & Safety
- Lighting

AD / ADAS
- Radar Device
- Sensing Camera
- Parking Assist System
- Advanced Driver Assistance System (ADAS)

Comfort
- Infotainment
- Smart Keyless
- Wireless charging



Connected
- Telematics
- Control modules

Powertrain
- Brushless DC Motors
- Traction Inverter

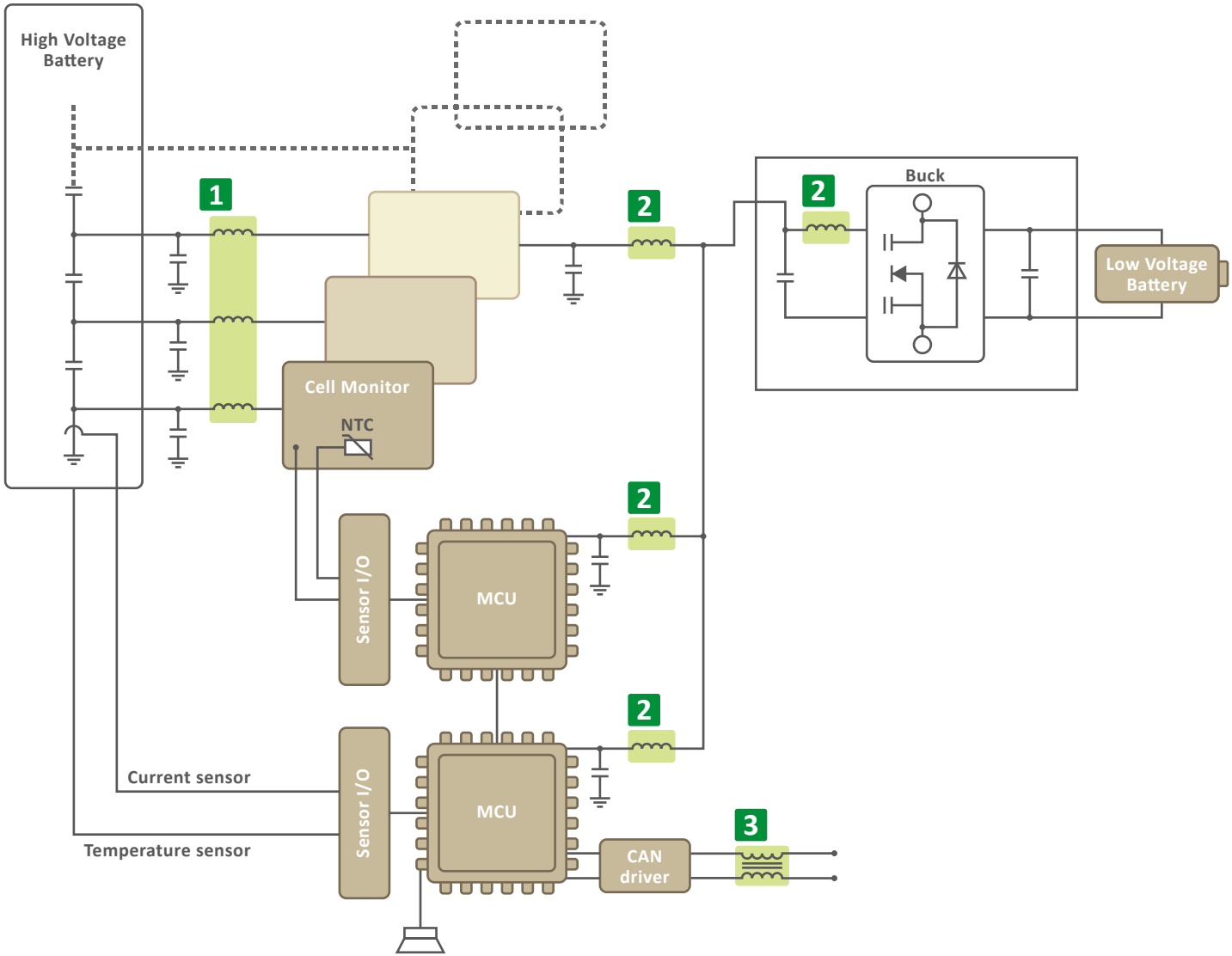
Electrified
- BMS
- DC-DC Converter

Motorcycle
- Motorcycles / E-Bikes

Series Application Summary

Product Type	Application / Model No.	Electrified		Connected	AD/ADAS				Body/Chassis/Safety	Comfort			Powertrain	Motorcycle
		BMS	DC-DC Converter	Internet of Vehicles Control Unit	Sensing Camera	Radar Device	ADAS	PAS	Lighting	Keyless	Infotainment	Wireless Charging	BLDC	Motorcycles / E-Bikes
High Current Molded Inductor	GSTD	√	√	√	√	√	√	√	√	√	√	√	√	√
	GSTL	√	√	√	√	√	√		√	√	√	√	√	√
	GSTM	√	√	√	√	√	√		√	√	√	√	√	√
	GSTM2	√	√	√	√	√	√		√	√	√	√	√	√
	GSFT	√	√	√	√	√	√	√	√	√	√	√	√	√
Wireless Power Transmission	GW TX TYPE											√		
3D Transponder Inductor	GTX-SA									√				
Common Mode Choke	GSCM	√	√	√	√	√	√		√	√	√	√	√	√
	GACM				√	√			√		√	√	√	
	GDLW	√	√	√	√	√	√		√	√	√	√	√	√
	GDLE				√	√	√		√	√	√	√	√	√
	GPOCF			√	√		√		√					
High Current Ferrite Bead	GBC	√	√	√		√	√		√		√		√	√
Multilayer Ferrite Chip Bead	GBD	√		√	√	√	√	√			√	√		
Multilayer Ceramic High-Frequency Inductor	GTC	√		√				√				√		
	GTCH	√		√				√				√		
Ferrite Wire Wound Inductor	GNLC			√		√	√	√			√			
	GNLT			√		√	√	√			√			
Common Mode Choke	GCMF	√	√	√	√	√	√	√	√		√	√	√	
	GTHW	√	√	√	√	√	√	√	√		√	√	√	√
High Current Air-Gap Bead Inductor	GTV						√							
	GTLVR						√							
Transformer	GTX-EE13P												√	
	GPOE-EFD20P												√	
	GTX-EP06P						√	√						

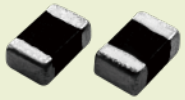
【Electrified】BMS



1 【EMI】

Multilayer Ferrite Chip Bead

GBD SERIES



2 【Power】

High Current Molded Inductor

GSTD、GSTL、GSTM

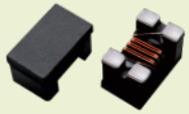
GSFT、GSTM2 SERIES



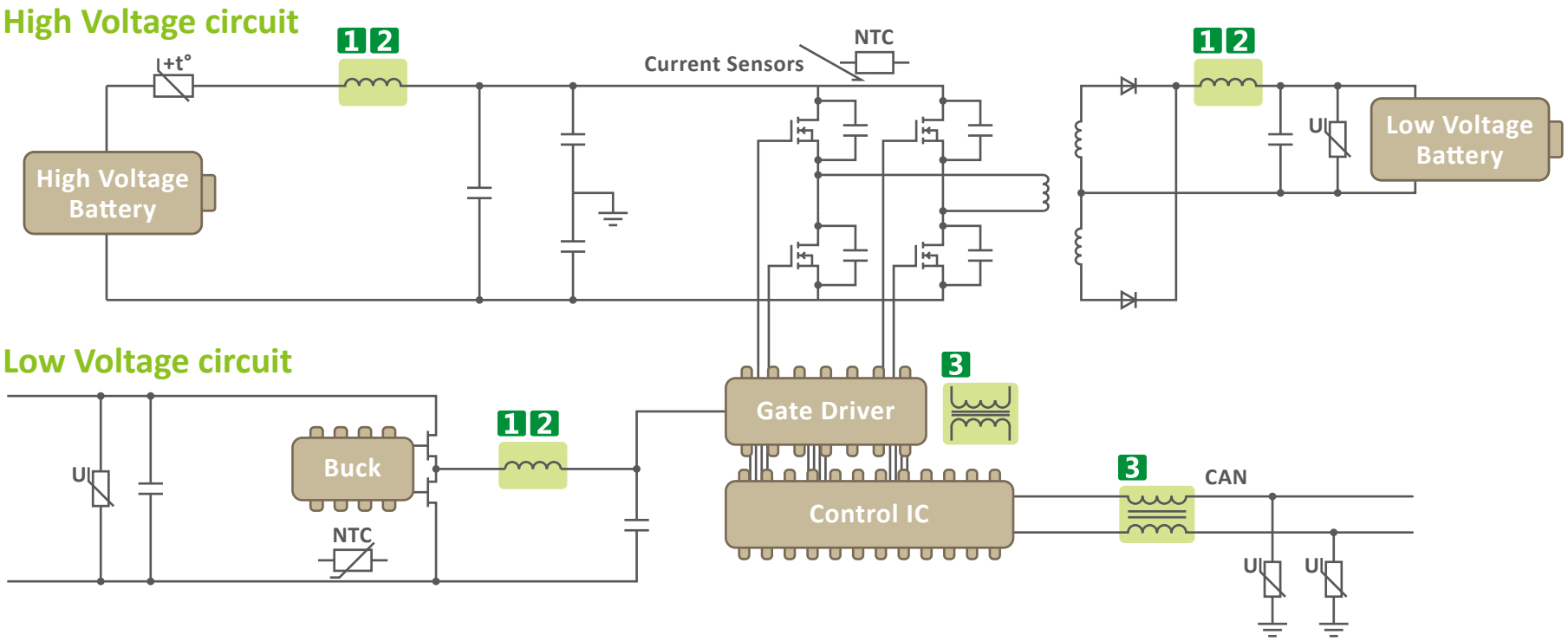
3 【Signal】

Common Mode Choke

GTHW、GCMF SERIES



【Electrified】DC-DC Converter



1 【Power】

High Current Molded Inductor

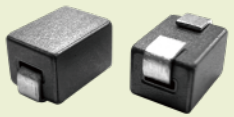
GSTD、GSTL、GSTM、GSFT、GSTM2 SERIES



2 【EMI】

High Current Ferrite Bead

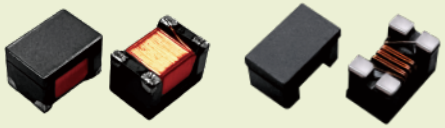
GBC SERIES



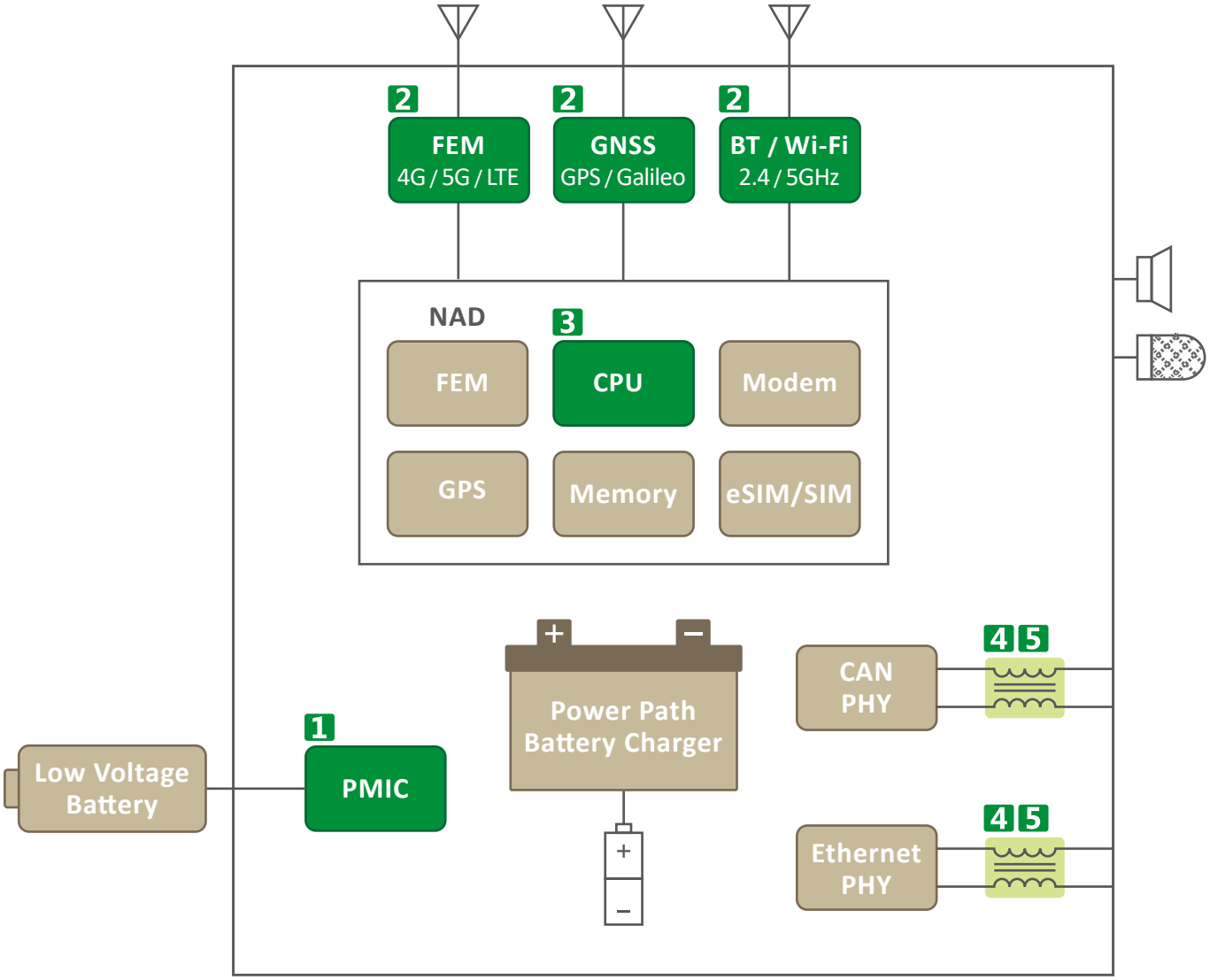
3 【Signal】

Common Mode Choke

GTHW、GCMF SERIES



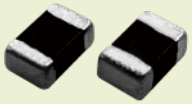
【Connected】Telematics / Control modules



1 【EMI】

Multilayer Ferrite Chip Bead

GBD SERIES



2 【Signal】

Multilayer Ceramic High-Frequency Inductor

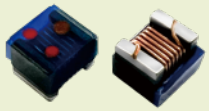
GTC、GTCH SERIES



3 【Signal】

Ferrite Wire Wound Inductor

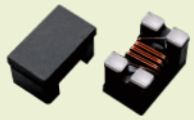
GNLC、GNLT SERIES



4 【Signal】

Common Mode Choke

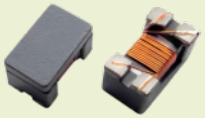
GTHW、GCMF SERIES



5 【EMI】

Common Mode Choke

GPOCF SERIES

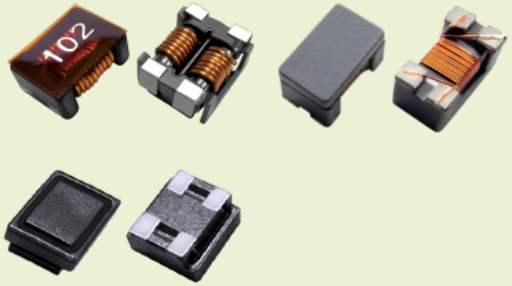


【AD / ADAS】Sensing Camera

1 【EMI】

Common Mode Choke

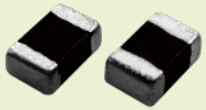
GSCM、GACM、
GDLW、GDLE、GPOCF SERIES

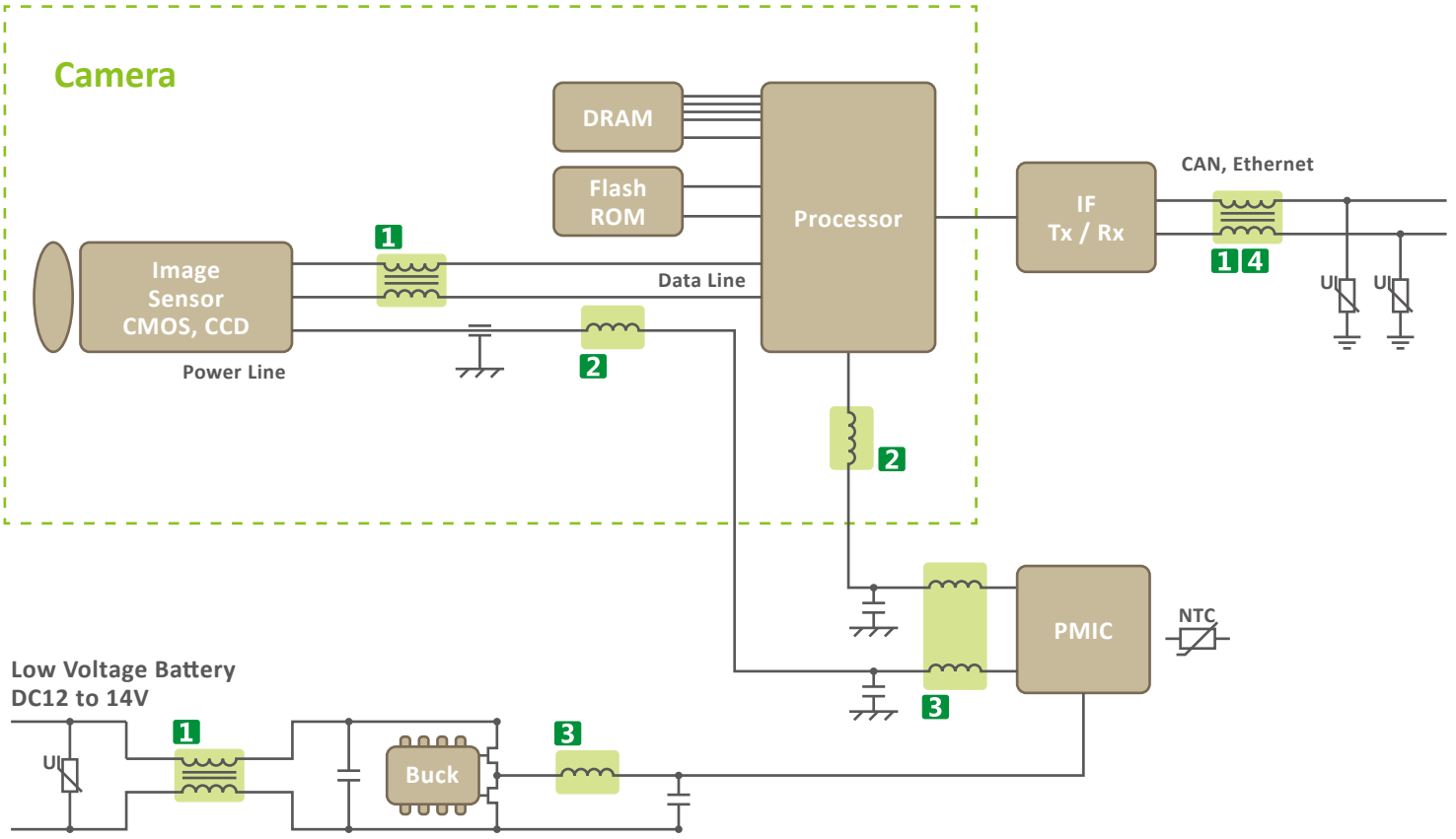


2 【EMI】

Multilayer Ferrite Chip Bead

GBD SERIES





3 【Power】

High Current Molded Inductor

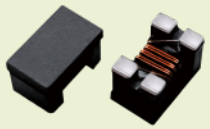
GSTD、GSTM、GSFT SERIES



4 【Signal】

Common Mode Choke

GTHW、GCMF SERIES

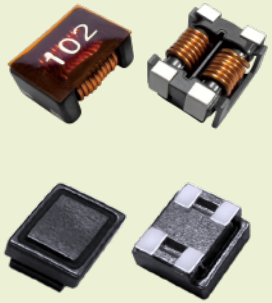


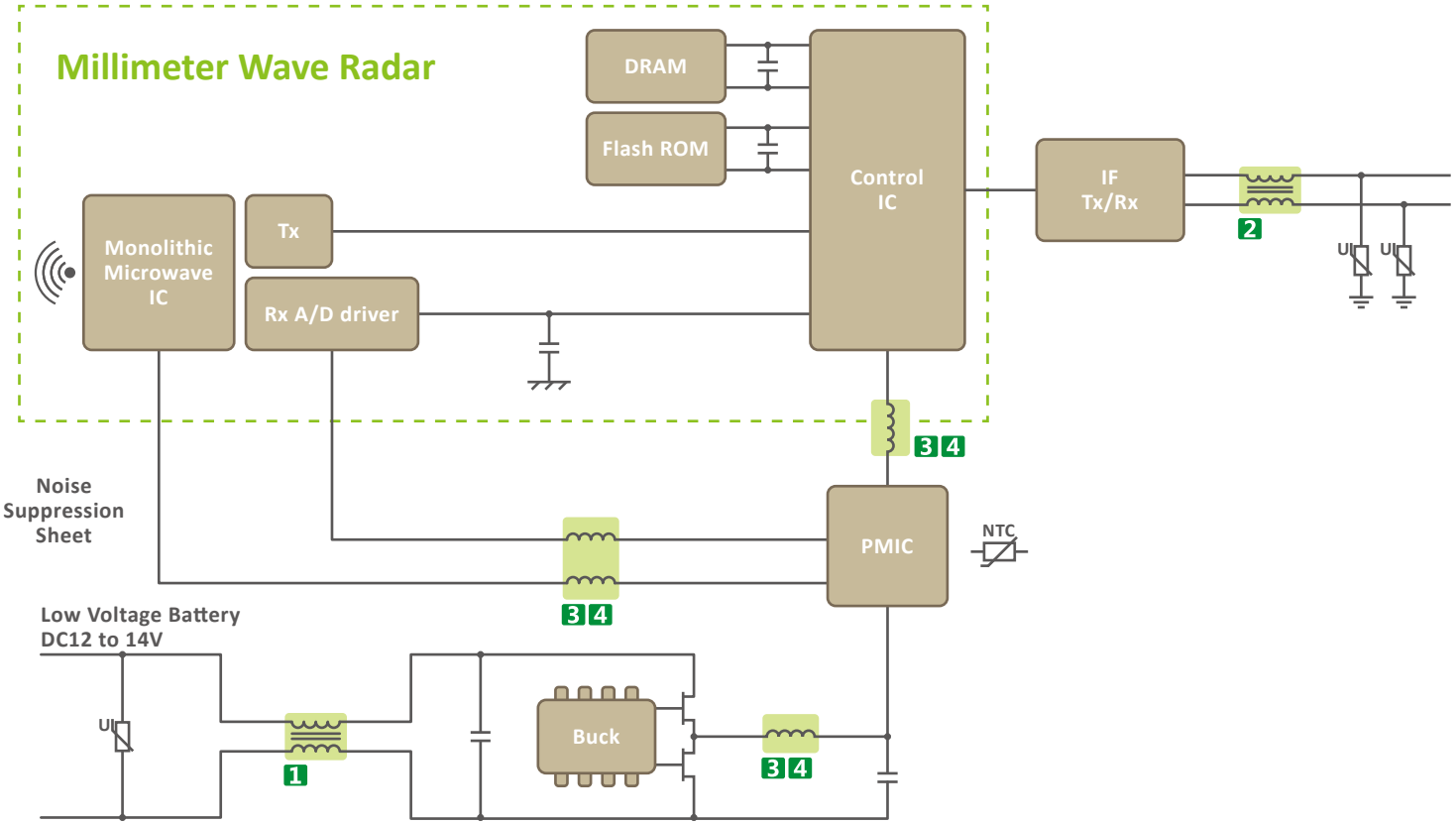
GOTREND
Go Trend. Go Further. Smarter
AUTOMOTIVE

1 【EMI】

Common Mode Choke

GSCM、GACM、
GDLW、GDLE SERIES

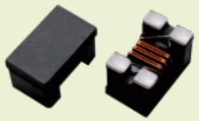




2 【Signal】

Common Mode Choke

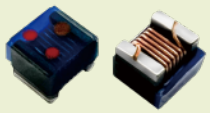
GTHW、GCMF SERIES



3 【Signal】

Ferrite Wire Wound Inductor

GNLC、GNLT SERIES



4 【Power】

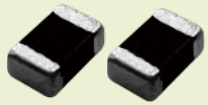
High Current Molded Inductor

GSTD、GSTM、GSFT SERIES

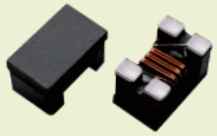


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1 【EMI】
Multilayer Ferrite Chip Bead
GBD SERIES

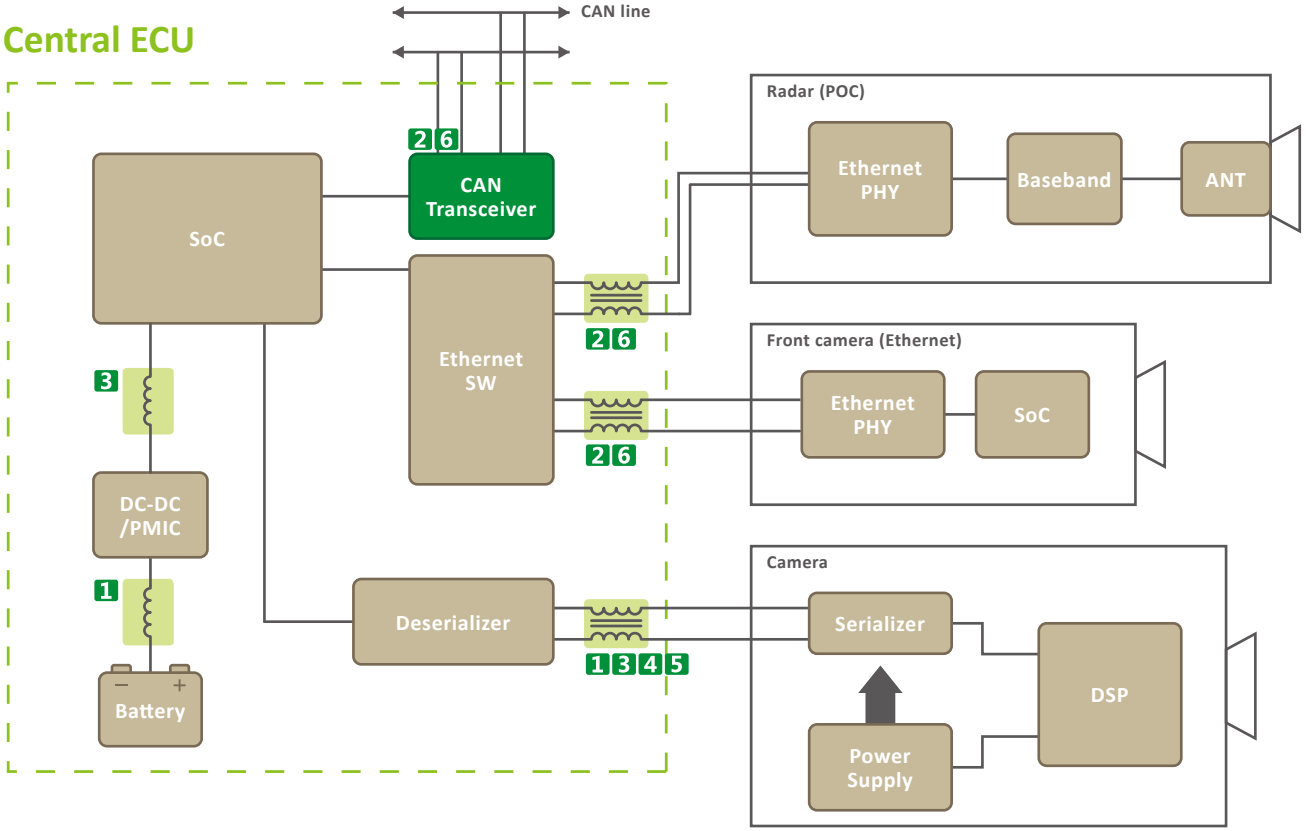


2 【Signal】
Common Mode Choke
GTHW、GCMF SERIES

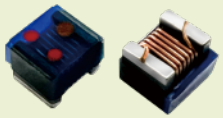


3 【Power】
High Current Molded Inductor
GSTD、GSTM、GSFT、GTV、GTLVR SERIES

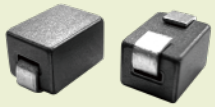




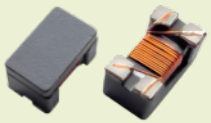
4 【Signal】
Ferrite Wire Wound Inductor
GNLC、GNLT SERIES



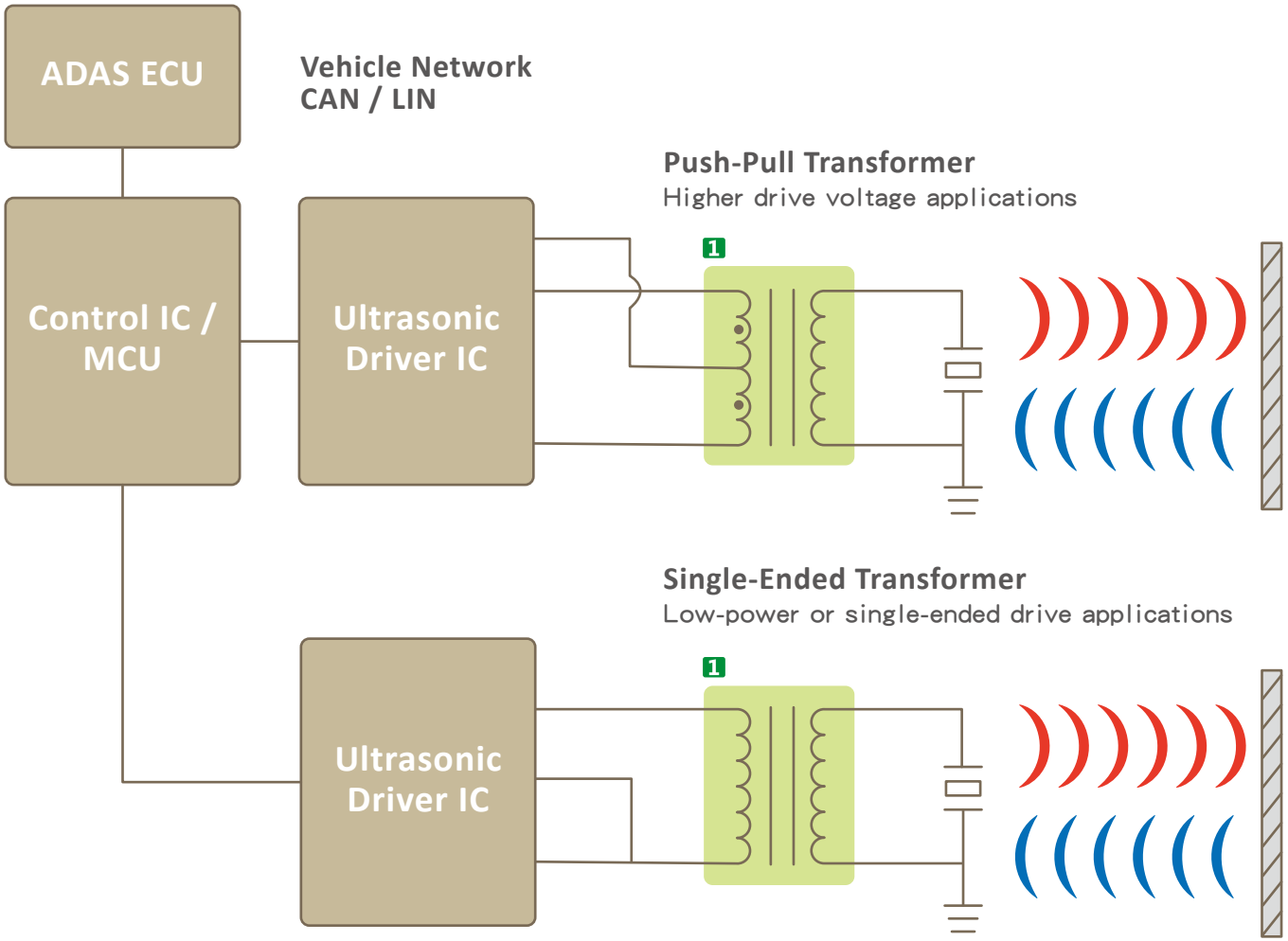
5 【EMI】
High Current Ferrite Bead
GBC SERIES

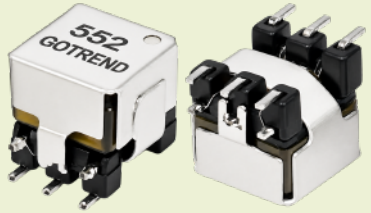


6 【EMI】
Common Mode Choke
GPOCF SERIES



【AD / ADAS】Parking Assist System





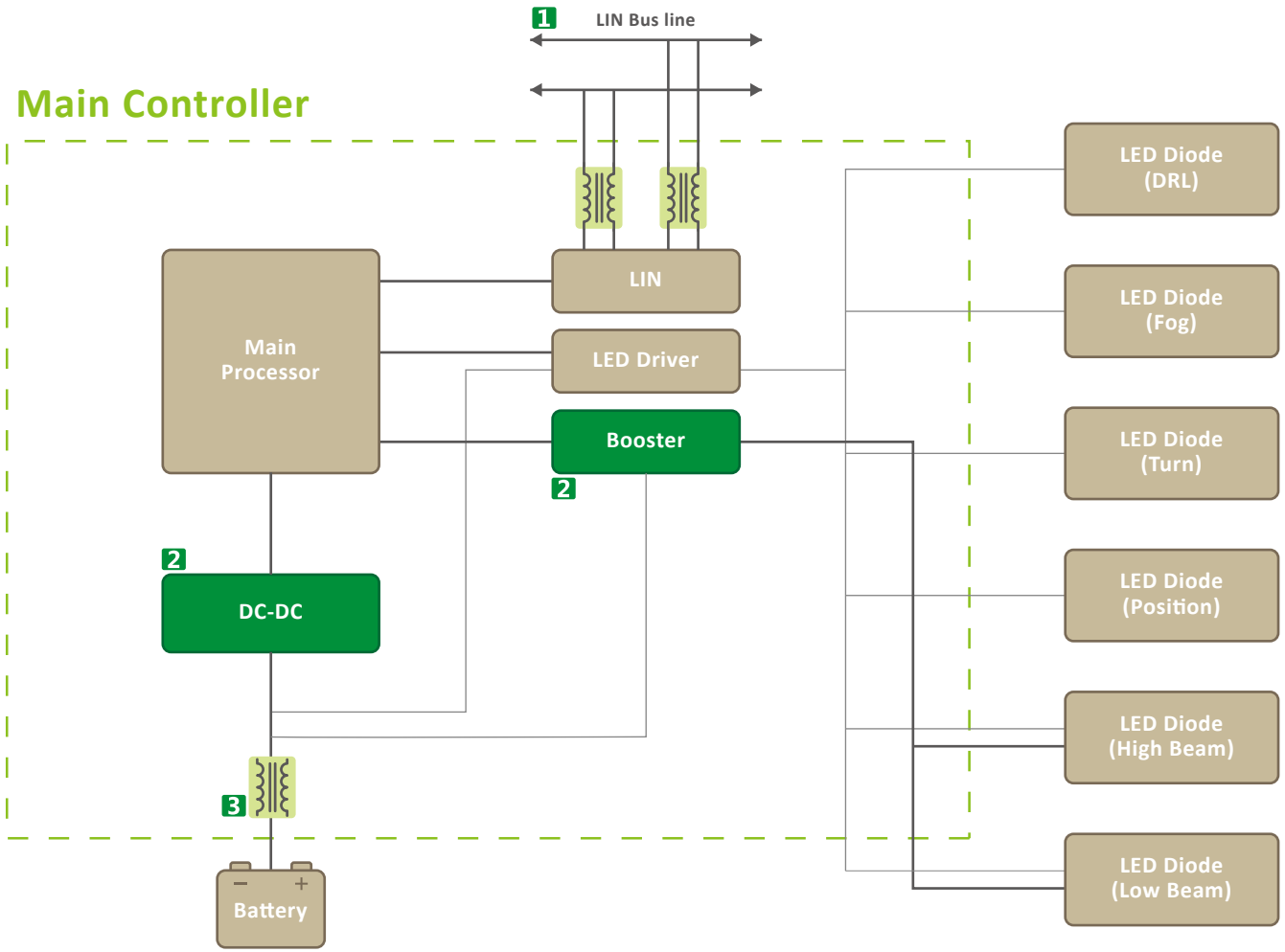
1 【Power】

Ultrasonic Push-Pull Transformer

GTX-EP06P SERIES

- ☑ Center-tapped Push-Pull Step-Up Drive
- ☑ Increases Transducer Excitation Voltage and SPL
- ☑ RLC-Based Impedance / Ring-Down Tuning
- ☑ Suitable for Parking Assist / Proximity Sensing

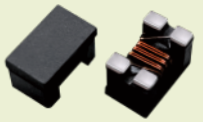
【Body & Chassis & Safety】Lighting



1 【Signal】

Common Mode Choke

GTHW、GCMF SERIES



2 【Power】

High Current Molded Inductor

GSTD、GSTL、GSTM

GSFT、GSTM2 SERIES

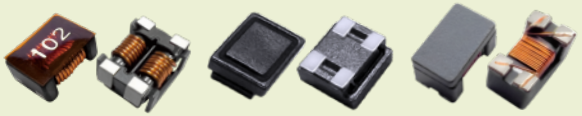


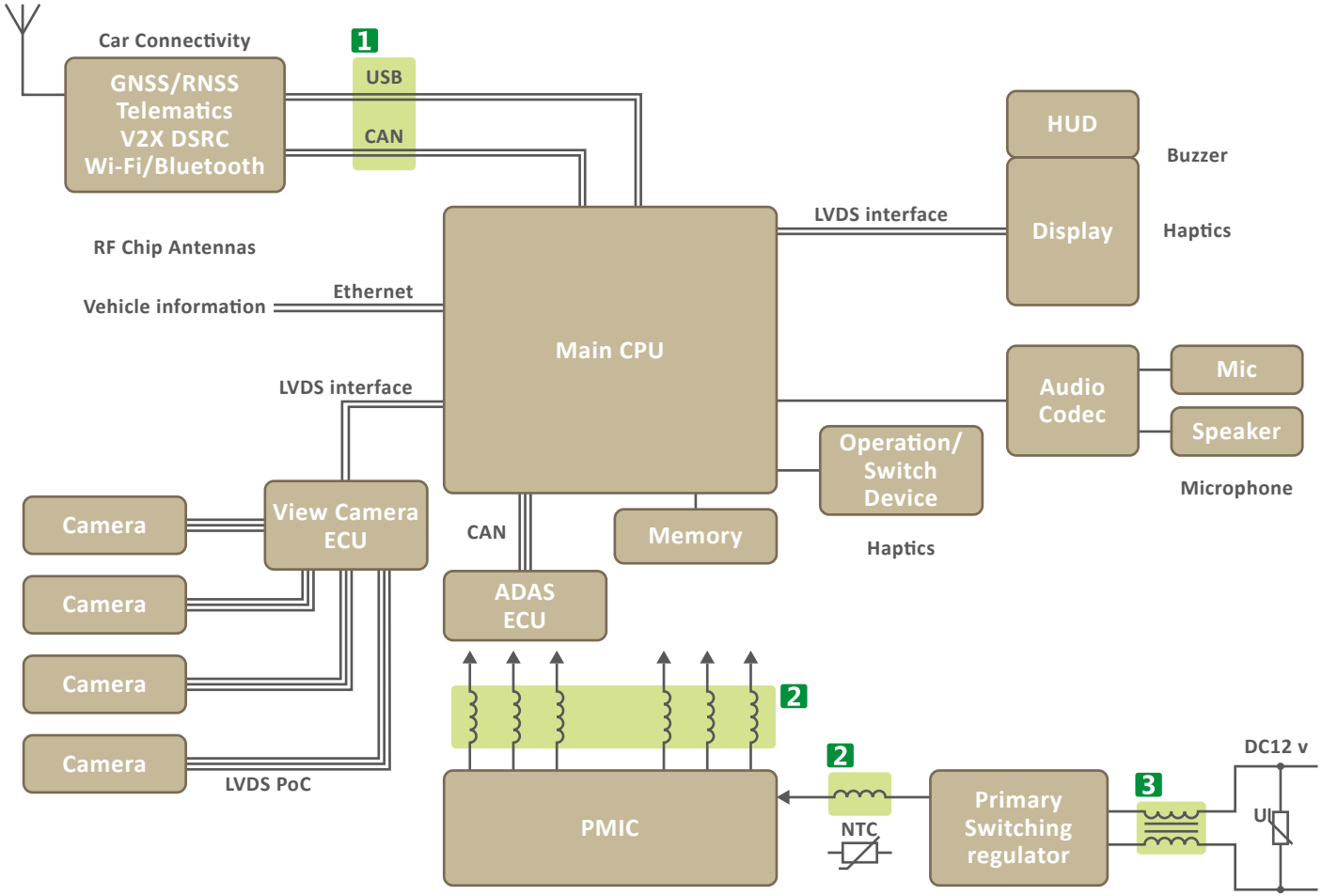
3 【EMI】

Common Mode Choke

GSCM、GACM、GDLW

GDLE、GPOCF SERIES

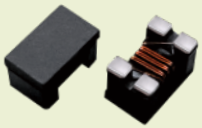




1 【Signal】

Common Mode Choke

GTHW、GCMF SERIES



2 【Power】

High Current Molded Inductor

GSTD、GSTL、GSTM

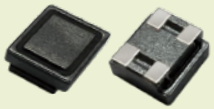
GSFT、GSTM2 SERIES



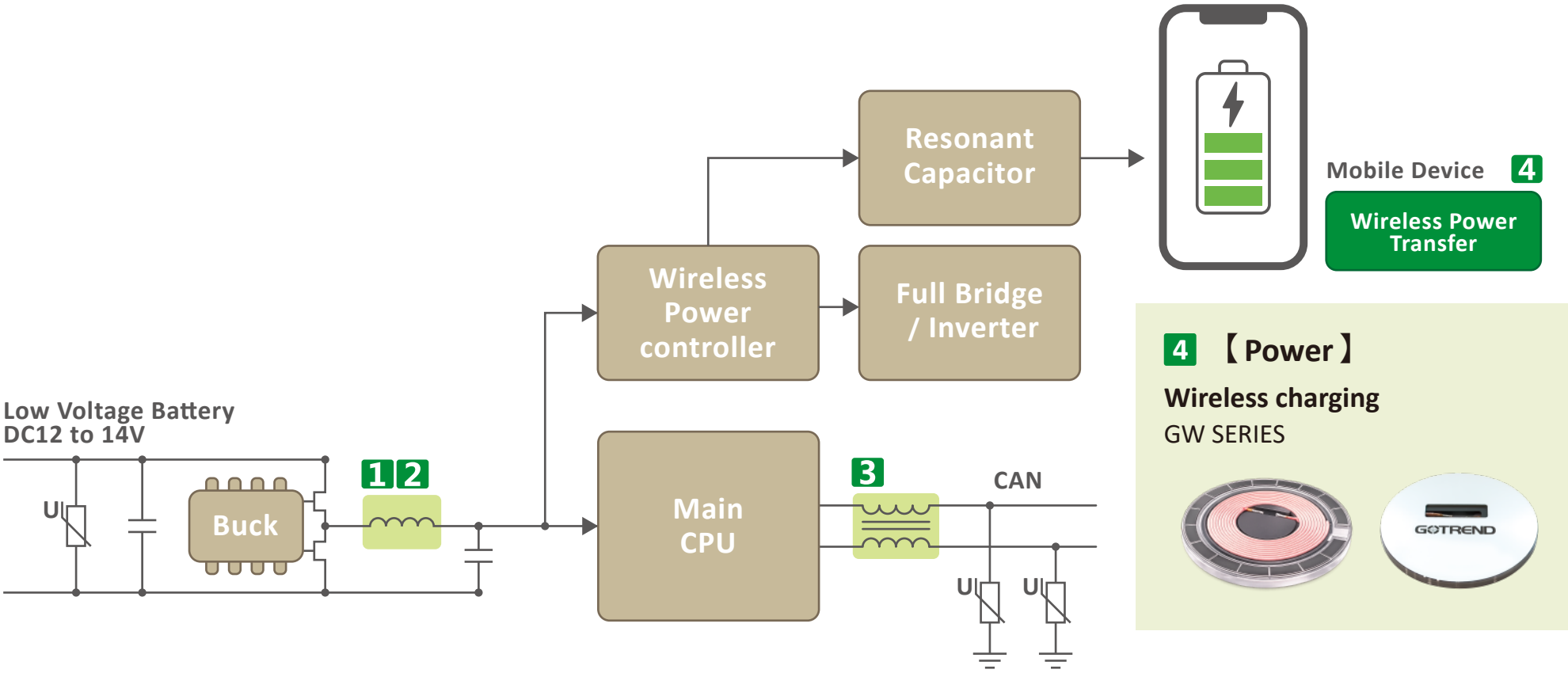
3 【EMI】

Common Mode Choke

GDLW、GDLE SERIES



【Comfort】Wireless charging



4 【Power】

Wireless charging

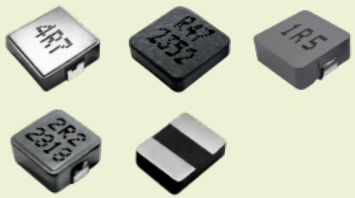
GW SERIES

1 【Power】

High Current Molded Inductor

GSTD、GSTL、GSTM

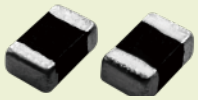
GSFT、GSTM2 SERIES



2 【EMI】

Multilayer Ferrite Chip Bead

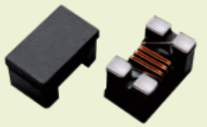
GBD SERIES



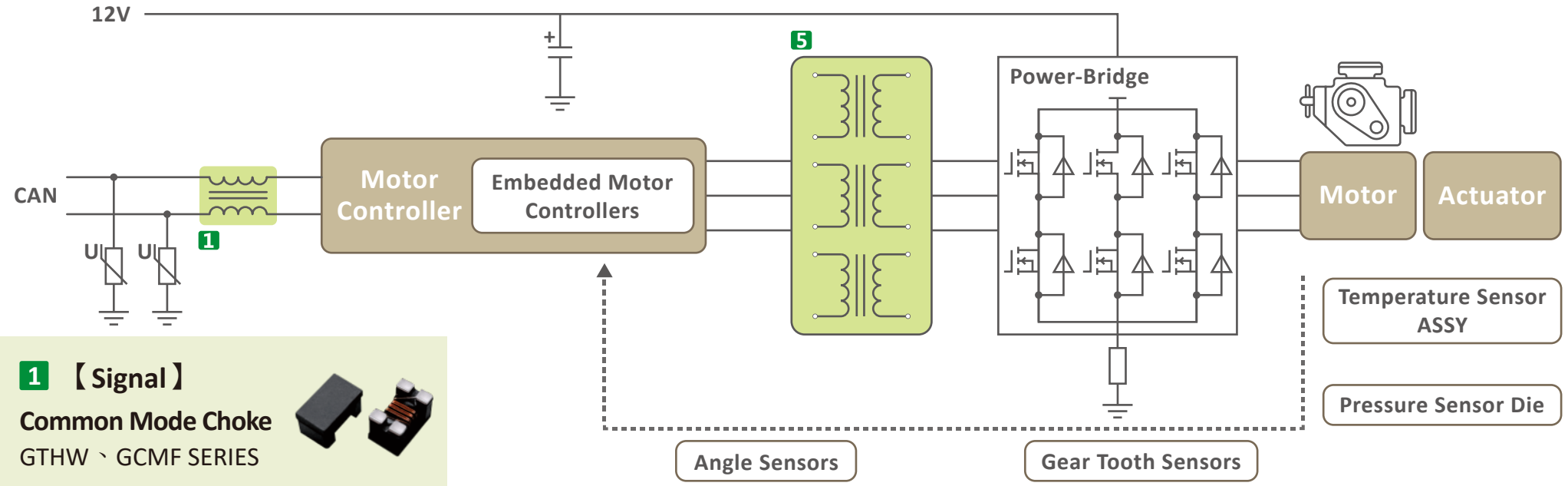
3 【Signal】

Common Mode Choke

GTHW、GCMF SERIES



【Powertrain】Brushless DC Motors



1 【Signal】

Common Mode Choke

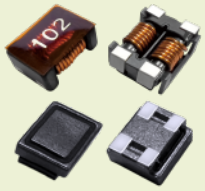
GTHW、GCMF SERIES

2 【EMI】

Common Mode Choke

GSCM、GACM

GDLW、GDLE SERIES



3 【Power】

High Current Molded Inductor

GSTD、GSTL、GSTM

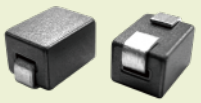
GSFT、GSTM2 SERIES



4 【EMI】

High Current Ferrite Bead

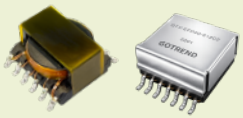
GBC SERIES



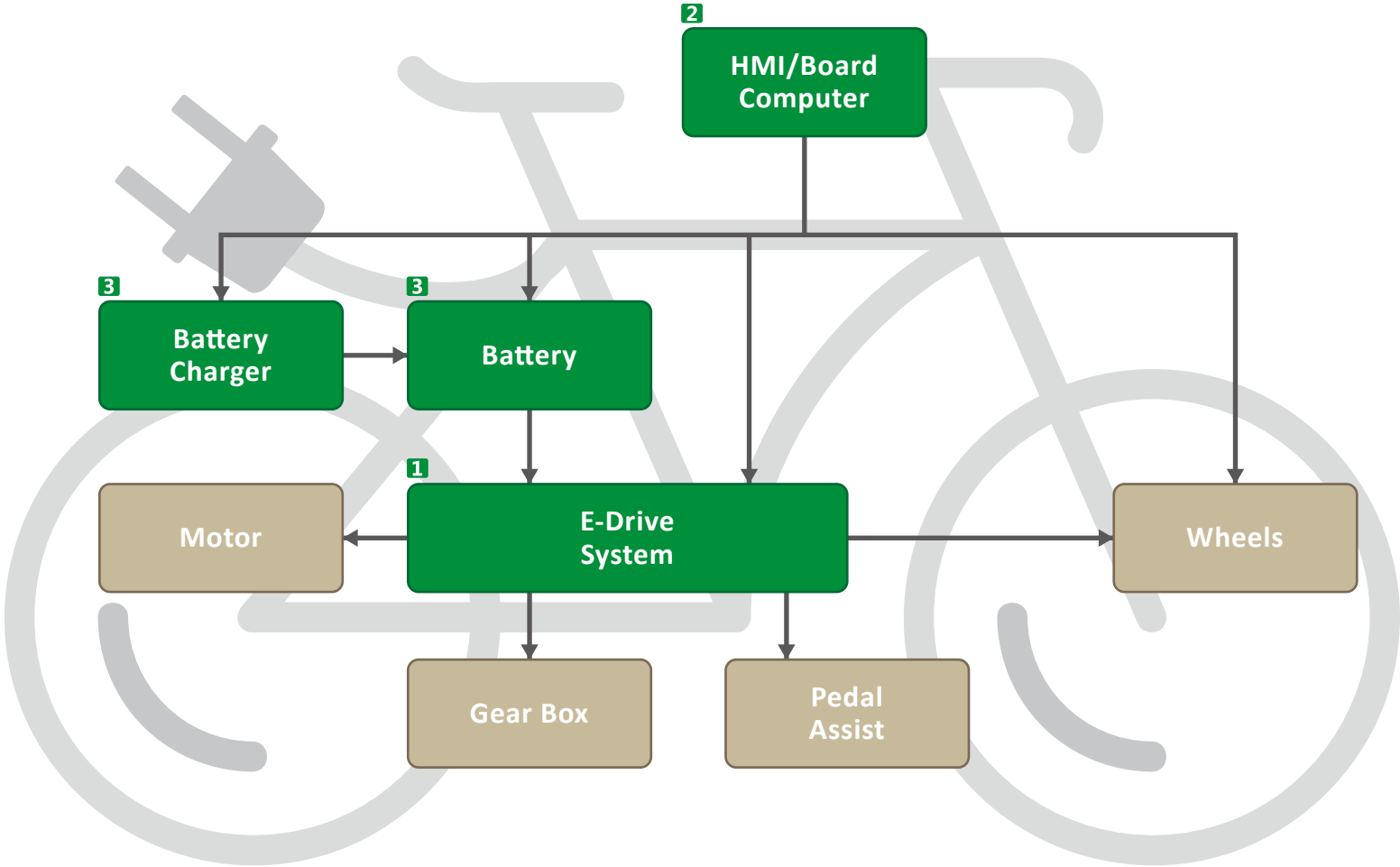
5 【Power】

Transformer

GTX-EE13P 、GPOE-EFD20P



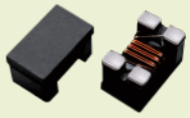
【Motorcycle】Motorcycles / E-Bikes



1 【Signal】

Common Mode Choke

GTHW、GCMF SERIES

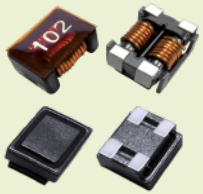


2 【EMI】

Common Mode Choke

GSCM、GACM

GDLW、GDLE SERIES

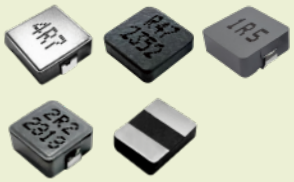


3 【Power】

High Current Molded Inductor

GSTD、GSTL、GSTM

GSFT、GSTM2 SERIES





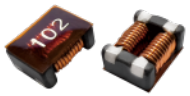
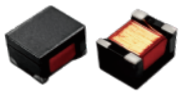
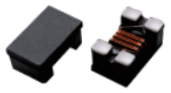
AUTOMOTIVE

Part Selection Table

High Current Molded Inductor

Product	Series Name	Application	Product Size L x W (mm)	Product Size Height (mm)	Inductance (µH)	Tolerance	DCR (m Ohm)	Isat (A)	Irms (A)
	GSTD252012PC	Power	2.5 x 2.0	1.2	0.22 ~ 10.0	M	16.0 ~ 360.0	1.5 ~ 9.0	1.2 ~ 6.4
	GSTD322512PC		3.2 x 2.5	1.2	0.22 ~ 10.0		12.0 ~ 288.0	1.5 ~ 12.0	0.9 ~ 8.0
	GSTD4020PC		4.6 x 4.1	2.0	0.1 ~ 10.0		3.2 ~ 240.0	2.0 ~ 25.0	1.5 ~ 13.0
	GSTD5030PC		5.7 x 5.1	3.0	0.15 ~ 15.0		3.6 ~ 180.0	2.5 ~ 25.0	2.1 ~ 16.0
	GSTD6030PC		7.4 x 6.6	3.0	0.1 ~ 22.0		1.5 ~ 189.0	3.1 ~ 60.0	2.3 ~ 32.5
	GSTD1040PC		11.6 x 10.1	4.0	0.15 ~ 68.0	N / M	0.53 ~ 205.0	3.0 ~ 60.0	2.3 ~ 40.0
	GSTM3020P		3.5 x 3.2	1.8	0.1 ~ 10.0		6.6 ~ 422.0	1.6 ~ 14.0	1.4 ~ 10.5
	GSTM4020P		4.45 x 4.06	1.8	0.1 ~ 22.0		3.2 ~ 500.0	1.4 ~ 35.0	1.2 ~ 12.0
	GSTM5030P		5.7 x 5.2	2.8	0.33 ~ 22.0	M	4.3 ~ 250.0	1.7 ~ 18.0	1.9 ~ 14.0
	GSTM6030P		7.3 x 6.6	2.8	0.1 ~ 47.0	N / M	1.2 ~ 363.0	2.0 ~ 60.0	1.75 ~ 32.5
	GSTM1040P		11.0 x 10.0	3.8	0.22 ~ 82.0	M	0.8 ~ 320.0	2.5 ~ 60.0	1.5 ~ 35.0
	GSTM1250P		13.5 x 12.5	4.8	0.33 ~ 10.0		0.7 ~ 25.5	16.0 ~ 80.0	9.0 ~ 42.0
	GSTM1770PS		17.6 x 16.9	6.7	0.45 ~ 100.0		0.8 ~ 118.0	6.5 ~ 125.0	5.3 ~ 62.0
	GSTM2-5030P		5.7 x 5.1	3.0	0.33 ~ 10.0		4.8 ~ 128.0	4.0 ~ 20.0	2.8 ~ 14.0
	GSTM2-6050P		7.5 x 6.6	5.0	0.33 ~ 22.0		2.3 ~ 140.0	5.0 ~ 32.0	2.8 ~ 25.0
	GSTM2-1040P		11.6 x 10.2	4.0	0.47 ~ 33.0		1.3 ~ 112.0	6.0 ~ 43.0	3.5 ~ 28.0
	GSTM2-1770P		17.5 x 17.5	7.0	1.5 ~ 100.0		1.7 ~ 118.0	10.0 ~ 65.0	5.3 ~ 47.0
	GSTL-6050P		7.3 x 6.6	4.8	0.47 ~ 47.0		2.9 ~ 320.0	1.5 ~ 22.0	2.0 ~ 22.0
	GSTL-1040P		11.0 x 10.0	3.8	0.5 ~ 100.0		0.5 ~ 310.0	2.4 ~ 82.0	1.8 ~ 44.0
	GSTL-1250P		13.5 x 12.6	4.7	0.22 ~ 68.0		0.5 ~ 132.0	4.4 ~ 65.0	3.6 ~ 55.0
	GSTL-1265P		13.5 x 12.6	6.2	0.1 ~ 82.0	N / M	0.2 ~ 132.0	4.2 ~ 120.0	4.0 ~ 65.0
	GSFT		1.4 x 1.2 ~ 5.5 x 5.3	0.65 ~ 3.0	0.33 ~ 10.0	M	0.74 ~ 520.0	1.4 ~ 45.0	1.05 ~ 35.0

Common Mode Choke

Product	Series Name	Application	Product Size L x W (mm)	Product Size Height (mm)	Inductance (μH)	Impedance (Ohm)	DCR (m Ohm)	IDC (A)
	GDLW0502P	EMI	4.8 x 5.0	2.5	/	10.0 ~ 100.0	9.0 ~ 400.0	1.5 ~ 6.0
	GDLW0504P			4.8		20.0 ~ 60.0	14.0 ~ 16.0	4.5 ~ 5.0
	GACM907048P		9.0 x 7.0	4.8		500.0 ~ 2200.0	8.0 ~ 100.0	2.0 ~ 6.0
	GACM121160P		12.5 x 10.5	6.0		100.0 ~ 1000.0	3.5 ~ 12.0	5.0 ~ 10.0
	GSCM706035P		7.0 x 6.0	3.5		100.0 ~ 3000.0	10.0 ~ 75.0	1.0 ~ 9.0
	GSCM907045P		9.0 x 7.0	4.5		300.0 ~ 3000.0	6.0 ~ 70.0	3.0 ~ 6.0
	GSCM121164P		12.0 x 10.8	6.4		700.0	6.0	8.0
	GTHW2012P	Signal	2.0 x 1.2	1.2		67.0 ~ 360.0	250.0 ~ 500.0	0.3 ~ 0.4
	GTHW3216P		3.2 x 1.6	2.0		90.0 ~ 2200.0	300.0 ~ 1200.0	0.2 ~ 0.4
	GTHW3225P		3.2 x 2.5	2.5	11 ~ 200	90.0 ~ 10000.0	50.0 ~ 1500.0	0.07 ~ 1.0
	GTHW4532P		4.5 x 3.2	2.8		80.0 ~ 800.0	50.0 ~ 240.0	1.0 ~ 3.0
	GCMF1210P		1.2 x 1.0	0.9	/	25.0 ~ 90.0	300.0 ~ 500.0	0.25 ~ 0.3
	GCMF2012P		2.0 x 1.2	1.2		30.0 ~ 90.0	200.0 ~ 350.0	0.2 ~ 0.35

High Current Ferrite Bead

	GBC	EMI	3.08 x 2.9 ~ 9.0 x 3.0	2.2 ~ 2.8	/	40.0 ~ 100.0	0.6 ~ 1.0	21.0 ~ 45.0

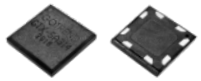
High Current Air-Gap Bead Inductor

	GTV117070PR1	Power	11.4 x 7.2	7.2	120 ~ 510	+/-10%	0.47 +/- 6%	18.0 ~ 90.0	42.0
	GTV117070PR2			7.5					
	GTV128080PR1		12.2 x 8.1	8.0	150 ~ 250		0.29 +/- 5.0%	55.0 ~ 85.0	50.0

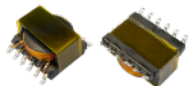
TLVR Inductor

Product	Series Name	Application	Product Size L x W (mm)	Product Size Height (mm)	Inductance (µH)	Tolerance	DCR (m Ohm)	Isat (A)	Irms (A)
	GTLVR966411PVT8	Power	9.6 x 6.4	10.5	100.0 ~ 200.0	N / M	0.125	50.0 ~ 98.0	75.0
	GTLVR126008PV		11.7 x 5.7	7.7	80.0 ~ 100.0		0.1	84.0 ~ 105.0	78.0
	GTLVR126011PV			11.0	105.0 ~ 200.0		0.125	50.0 ~ 137.0	77.0

3D Transponder Inductor

	GTX-SA	Signal	3D transponder inductors are available as customized products. Please contact our sales team or email service@gotrend.com.tw for further information.

Transformer

	GTX-EP06P	Power	7.6 x 7.1	7.3	2450.0 ~ 5500.0	±8 ~ 10%	25800.0 ~ 35000.0	NA
	GTX-EE13P		Transformers are available as customized products. Please contact our sales team or email service@gotrend.com.tw for further information.					
	GPOE-EFD20P							

Wireless Charging Coil

	GW	WPC	Wireless charging coils are available as customized products. Please contact our sales team or email service@gotrend.com.tw for further information.


Automotive
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