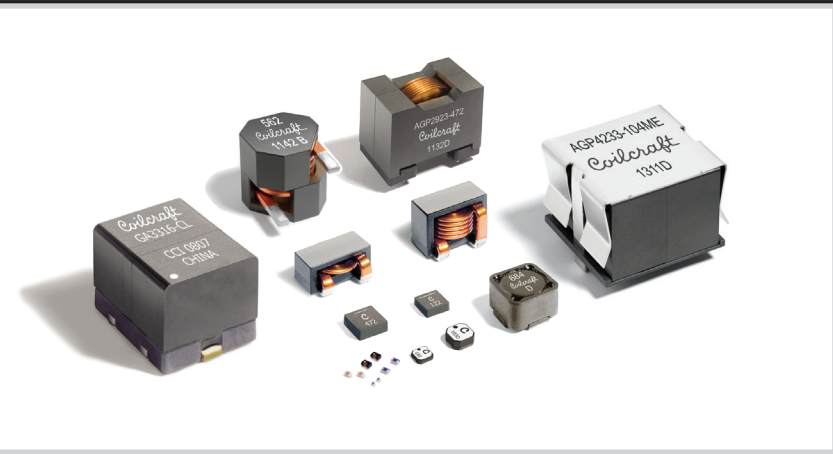


# Coilcraft®



## MAGNETICS FOR AUTOMOTIVE ELECTRONICS

[www.coilcraft.com](http://www.coilcraft.com)

OCTOBER 2023

## Your Global Partner

Coilcraft offers a wide range of high-reliability, high-volume magnetics for the automotive industry. We are one of the world's largest manufacturers of coils and transformers for RF, power, EMI and sensing applications.

Our global technical support and engineering centers will help you select the best solution from our extensive catalog of standard, off-the-shelf parts or work with you to develop, prototype and qualify a custom design.

Redundant manufacturing capabilities around the globe, along with our well-tuned logistics capabilities, assure you of a steady parts supply and quick response to changing market demands.



## Committed to Quality

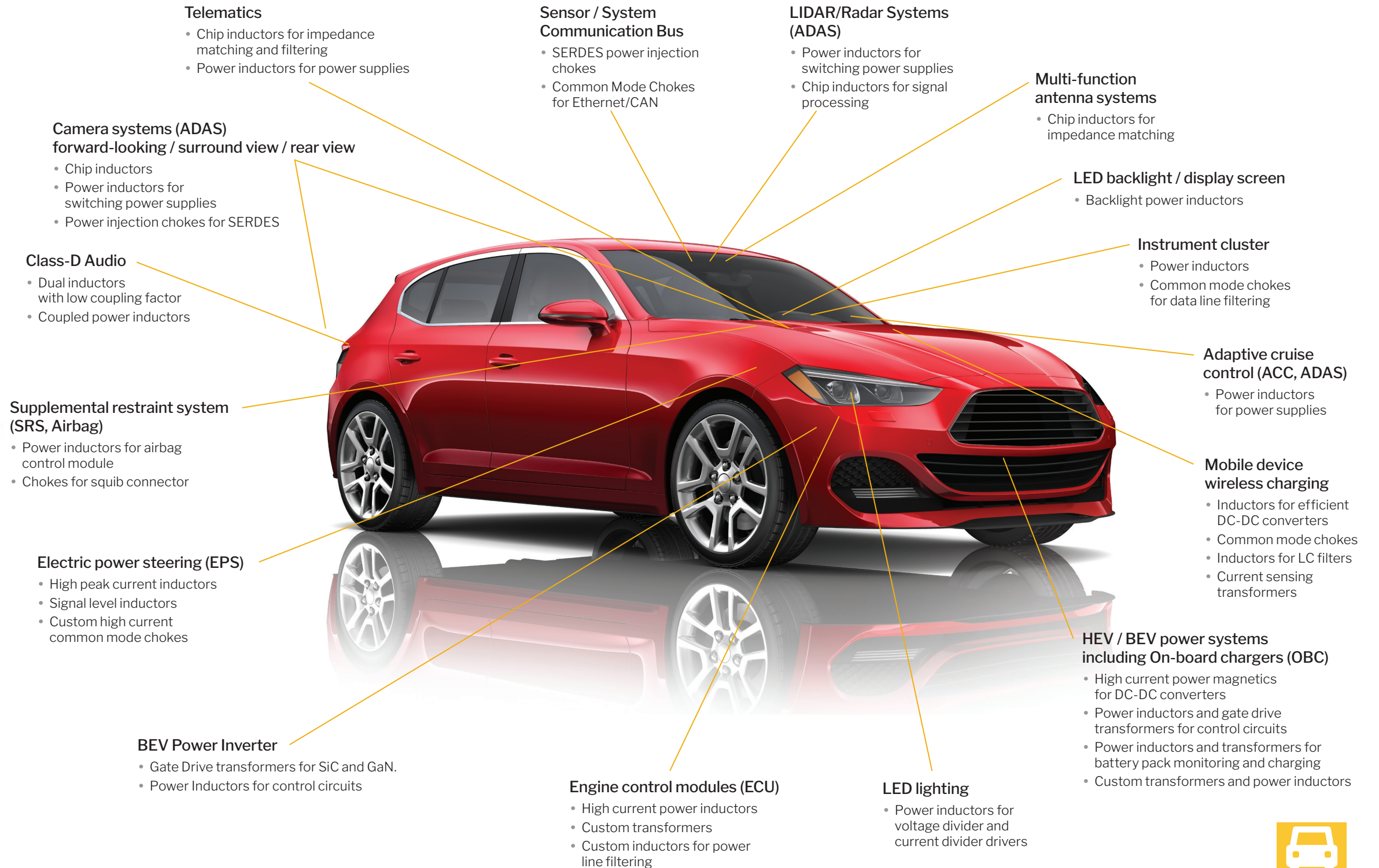
All of Coilcraft's automotive components are manufactured in IATF 16949 certified facilities.

In addition, all facilities have received ISO 9001 (Quality Management System) certification for the "Design and manufacture of SMT and leaded inductive components."

This certification demonstrates that Coilcraft has operational quality systems in place that satisfy the rigorous demands of our customers.



## Coilcraft Magnetics for Automotive Applications



# Coilcraft Qualified Components

## AEC-Q200

(-40°C to +125°C ambient)



### RF inductors

0201CT	0603CS	1008CS	1812CS
0402CS	0603DC	1205POC	1812SMS
0402DC	0805CS	1206CS	AxxT/BxxT
0402DF	0805HQ	1210POC	
0403HQ	0906/1606	132SM	

### Power inductors

AGM2222	MSS1812T	XAL7030	XFL5030
AGP2923*	MVR1251C	XAL7050	XFL6012
AGP4233	MVR1251T	XAL7070	XFL6060
DO3316T	PFL1005	XAL8050	XFL7015
DO3340H	PFL1609	XAL8080	XGL1010
LPS3015	RA7338	XEL3515	XGL1060
LPS3030	SER1408	XEL3520	XGL1313
LPS4010	SER1410	XEL3530	XGL3512
LPS4012	SER1412	XEL401x	XGL3515
LPS4018	XAL1010	XEL401xV	XGL3520
LPS4040	XAL1030	XEL4020	XGL3530
LPS5050	XAL1060	XEL4020V	XGL4012
LPS6225	XAL1350	XEL4030	XGL4015
MSD1048H	XAL1510	XEL4030V	XGL4018
MSS1038T	XAL1513	XEL5020	XGL4020
MSD1038V	XAL1580	XEL5030	XGL4025
MSS1048T	XAL4020	XEL5050	XGL4030
MSS1210H	XAL4030	XEL6030	XGL4040
MSS1246H	XAL4040	XEL6060	XGL5020
MSS1246T	XAL5020	XFL2010	XGL5030
MSS1260H	XAL5030	XFL3010	XGL5050
MSS1260T	XAL5050	XFL4012	XGL6020
MSS1278H	XAL6020	XFL4015	XGL6030
MSS1278T	XAL6030	XFL4020	XGL6060
MSS6132T	XAL6060	XFL4030	WA8721
MSS7341T	XAL7020	XFL501x	ZC1818

\*+140°C

### Coupled inductors

MSD1038V	MSD1260H	MSD1278H
MSD1048H	MSD1260T	MSD1278T

### EMI filters

0402DF (Bead)	1210CAN	LPD6235
0805PB (Bead)	1812CAN	MSD1260T
0805USBF	LPD4012	RA6870

### Flyback transformers

TA7608	TA7788	UA8263	ZA9710
TA7618	UA7902	WA8759	

### Class-D inductors

GA3416	JA5757	UA8013	YA9245
HA4158	RA7231	UA8014	ZA9336

### Injection chokes for POC

1205POC	1210POC
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### Planar transformers

PL160	PL300	POE120PL
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### Push-pull transformers

ZA9709

### RFID transponder coils

4312RV	4513TC	5315TC
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### Current sensors

CST1	CST2010	CST3015	CU8965
CST2	CST2010V	CST4835	
CST1211	CST2020	CST7030	

### Isolation transformers

DA230x	PA6549	ZA9668	ZB1347
HTX7045	UA825x	ZA9709	
PA6547	WA8582	ZA975x	
PA6548	ZA9368	ZB1175	

### Ultrasonic transformers

WA8351

### Mini Ultra-Wideband

YA9308 UWB

## AEC-Q200

(-40°C to +85°C ambient)



### RF inductors

1508/2508	0805LS	1008LS
0603LS	0805PS	KA4909

### Power inductors

1008PS*	LPO6610	MSS1210	RFC0807BV
1812PS*	LPS3010	MSS1246	RFC0810B
DC1012	LPS5030	MSS1260	RFC0810BV
DO1605T	LPS6235	MSS1278	RFC1010B
DO1606T	LPZ3008	MSS5121	RFC1010BV
DO1607B	LPZ3010	MSS5131/H	RFS1317
DO1813H	LPZ3015	MSS6122	SER1052
DO3314	LPZ3314	MSS6132	SER1360
DO3316H	LPZ4012	MSS7331	SER1390
DO5010H	LPZ4018	MSS7341	SER1590
DO5040H	LPZ5010	MSS7348	SER20xx
EPL2010	LPZ5015	PA6594	SER29xx
EPL2014	MLC12xx	RA68xx	SLC1175
EPL3012	MLC15xx	RFB0807	SLC7530
EPL3015	MLC75xx	RFB0810	SLC7649
LPO2506	MSS1038	RFB1010	SLR7010*
LPO4812	MSS1048	RFC0807B	XFL3012

\*+105°C

### Coupled inductors

GA3250	LPD8035V	MSD1278
LPD5030	MSD1260	MSD7342

### EMI filters

0603LS (Bead)	1008LS (Bead)	DLF	MSD1278
0805LS (Bead)	DFT4532	MSD1260	MSD7342

### Broadband chokes

KA4909

### Flyback transformers

JA4641	ZA967x	ZB105x
LPD5030	ZA9734	

### Mini Wideband Transformer

WBC

For complete details and product listings, visit [coilcraft.com/AEC](http://coilcraft.com/AEC).



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