

# Coilcraft®



***Magnetics for  
automotive  
electronics***

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

## 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

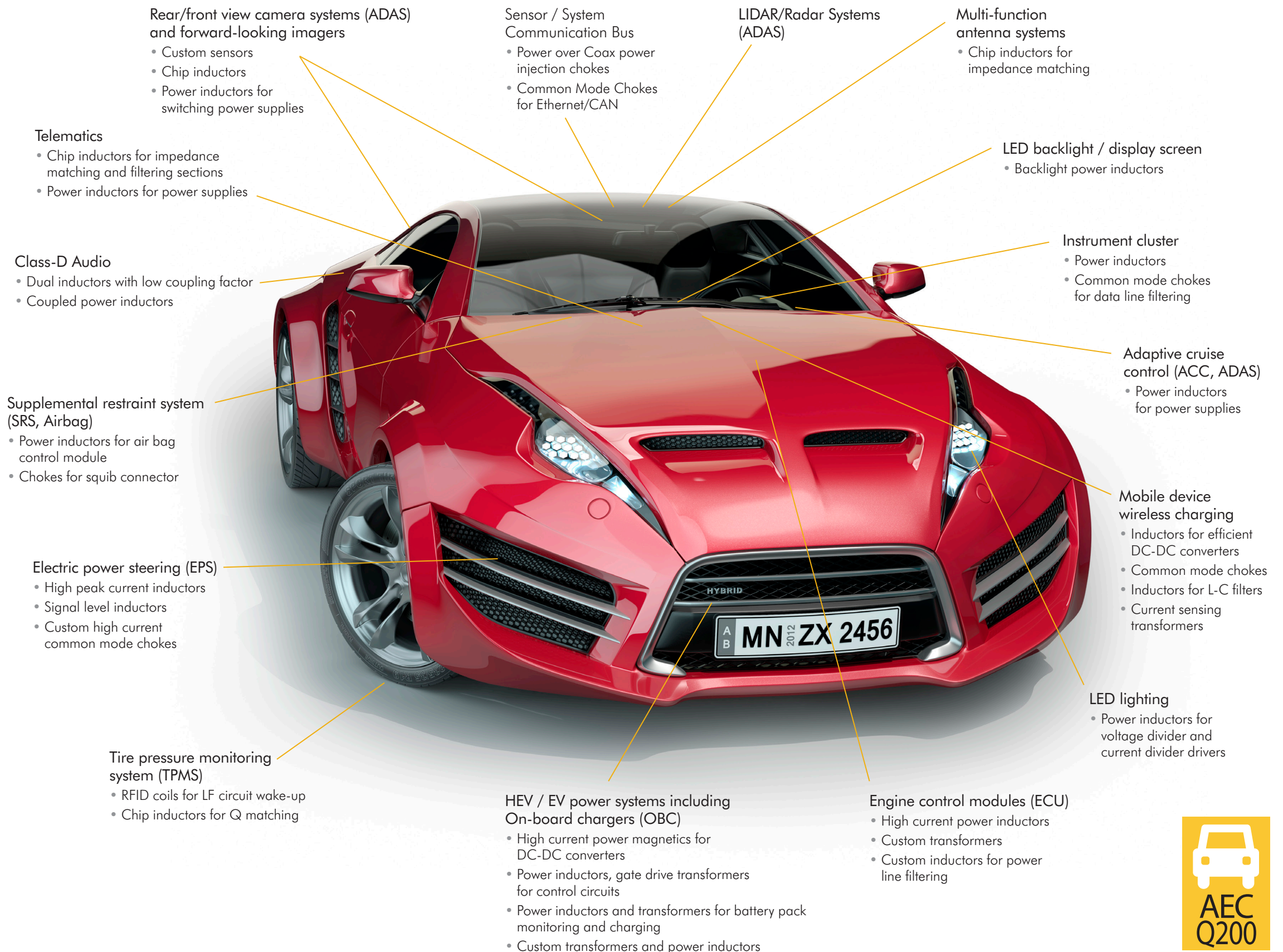
All of Coilcraft's automotive components are manufactured in **IATF 16949 certified facilities**.

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 Grade 1 (-40°C to +125°C ambient)



### RF inductors

0402CS	0805HQ	132SM
0403HQ	0906/1606	1812CS
0603CS	1008CS	1812SMS
0805CS	1206CS	A0xT/B0xT

### Power inductors

AGP2923 (140°C)	XAL1510	XEL4020
AGP4233	XAL1513	XEL4030
DO3316T	XAL1580	XEL5020
MSS1038T	XAL4020	XEL5030
MSS1048T	XAL4030	XFL3010
MSS1246T	XAL4040	XFL4015
MSS1260T	XAL5020	XFL4020
MSS1278T	XAL5030	XFL4030
MSS6132T	XAL5050	XFL501x
MSS7341T	XAL6020	XFL5030
MVR1251T	XAL6030	XFL6012
SER1412	XAL6060	XFL6060
SRT8045	XAL7020	XFL7015
XAL1010	XAL7030	XPL2010
XAL1030	XAL7070	XTL7030
XAL1060	XEL3515	
XAL1350	XEL401x	

### Coupled inductors

MSD1260T	MSD1278T
----------	----------

### Class-D inductors

HA4158	JA4575	UA8013
GA3416	RA7231	UA8014

### Planar transformers

PL160	PL300	POE120PL
-------	-------	----------

### RFID transponder coils

4312RV	4513TC	5315TC
--------	--------	--------

### Current sensors

CST-1,2	CST2020	CST7030
CST2010	CST4835	CU8965-AL

### Isolation transformers

PA6547-AL	PA6549-AL
PA6548-AL	WA8582-AL

### Flyback transformers

TA7608-AL	TA7788-AL
TA7618-AL	UA7902-AL

### EMI filters

RA6870-AL
-----------

### Ultrasonic transformer

WA8351-AL
-----------

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

## AEC-Q200 Grade 3 (-40°C to +85°C ambient)



### RF inductors

1508/2508	0805LS
0603LS	1008LS

### Power inductors

1008PS	LPS3015	MSS6122
DC1012	LPS4012	MSS6132
DO1605T	LPS4018	MSS7341
DO1606T	LPS5030	MSS7348
DO1607B	LPS6235	MVR1251C
DO1608C	LPZ3010	RFC0807
DO1813H	LPZ3015	RFC0810
DO3314	LPZ4012	RFC1010
DO3316H	LPZ4018	RFS1317
DO5010H	MLC12xx	SER1052
DO5040H	MLC15xx	SER1360
EPL2010	MLC75xx	SER1390
EPL2014	MSS1038	SER1590
EPL3012	MSS1048	SER20xx
EPL3015	MSS1210	SER29xx
LPD5030	MSS1246	SLC1175
LPO2506	MSS1260	SLC7530
LPO4812	MSS1278	XFL3012
LPO6610	MSS5121	
LPS3010	MSS5131	

### Coupled inductors

LPD8035V	MSD1278
MSD1260	MSD7342

### EMI filters

DLF
-----

### Broadband chokes

KA4909-AL
-----------



### Global Headquarters

1102 Silver Lake Rd., Cary, IL 60013  
info@coilcraft.com  
847/639-6400 800/322-2645 Fax 847/639-1469

### European Headquarters

21 Napier Place, Wardpark North  
Cumbernauld, Scotland G68 0LL  
sales@coilcraft-europe.com  
+44/1236/730595 Fax +44/1236/730627