

Coilcraft®



**Magnetics for
automotive
electronics**

www.coilcraft.com

Your Global Partner

Coilcraft offers a wide range of off-the-shelf products and custom engineered solutions to meet the automotive industry's need for high reliability, high volume magnetics.

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 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.



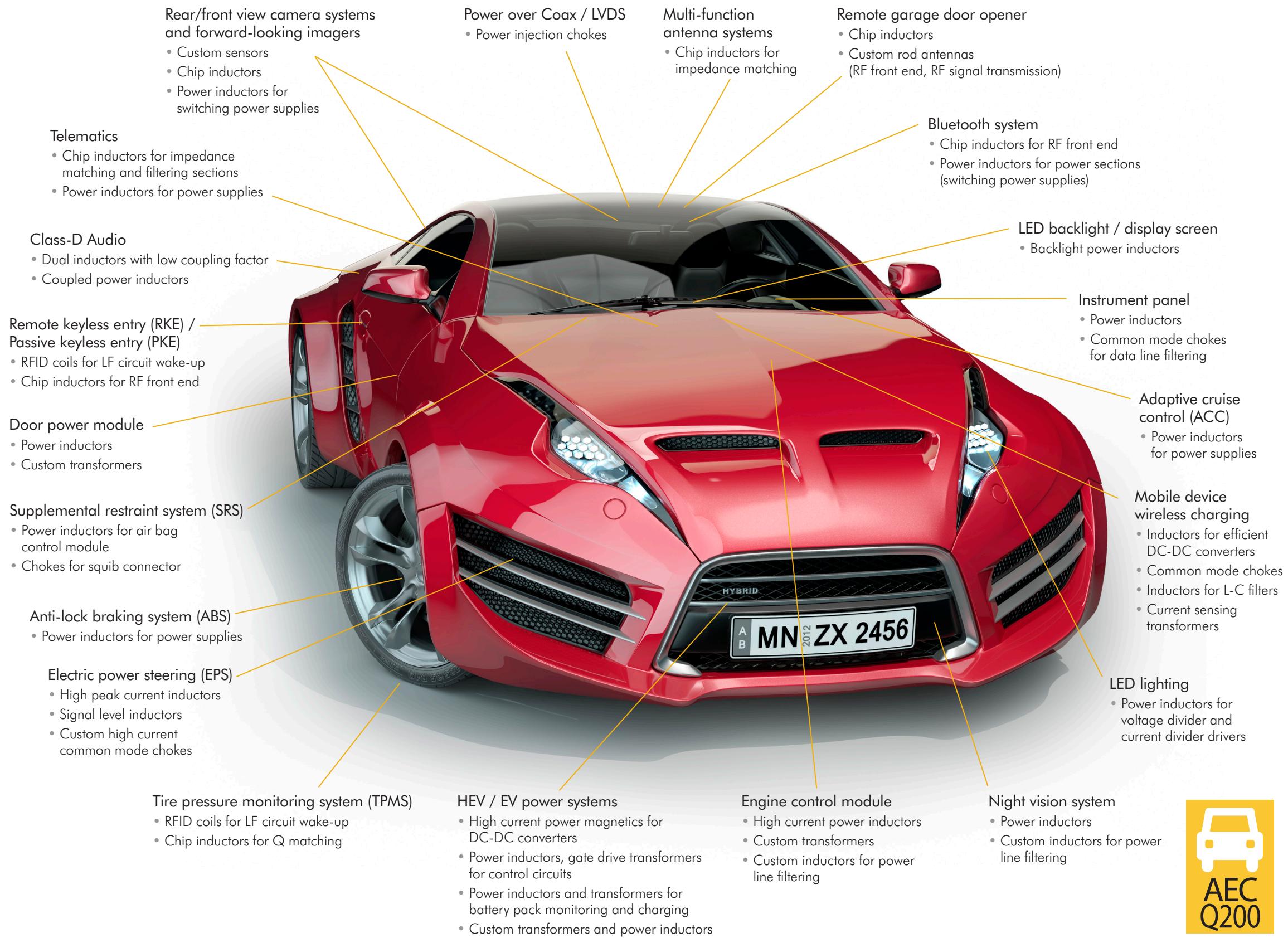
Committed to Quality

All of Coilcraft's engineering and production facilities have received ISO/TS 16949 and ISO 9001 certification for the "Design, manufacture, and distribution of inductive components including SMT and leaded inductors, transformers and assemblies for telecom, computer, automotive, industrial and other international markets."

This certification demonstrates that Coilcraft has operational quality systems in place that satisfy the rigorous demands of the automotive industry for their suppliers.



Coilcraft Magnetics for Automotive Applications



Coilcraft Qualified Components

AEC-Q200 Grade 1
(-40°C to +125°C ambient)



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



RF inductors

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

Power inductors

AGP2923 (140°C)	XAL1350	XEL3515
AGP4233	XAL1510	XEL401x
DO3316T	XAL1513	XEL4020
MSS1038T	XAL1580	XEL4030
MSS1048T	XAL4020	XEL4030
MSS1246T	XAL4030	XEL5020
MSS1260T	XAL4040	XEL5030
MSS1278T	XAL5020	XFL3010
MSS6132T	XAL5030	XFL4015
MSS7341T	XAL5050	XFL4020
MVR1251T	XAL6020	XFL5015
SER1412	XAL6030	XFL5030
SRT8045	XAL6060	XFL6012
XAL1010	XAL7020	XFL6060
XAL1030	XAL7030	XPL2010
XAL1060	XAL7070	XTL7030

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 transformer

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

EMI filters

RA6870-AL

For complete details and product
listings, visit coilcraft.com/AEC.

RF inductors

1508/2508	0805LS
0603LS	1008LS

Power inductors

1008PS	LPS3015	MSS5131
DC1012	LPS4012	MSS6122
DO1605T	LPS4018	MSS6132
DO1606T	LPS5030	MSS7341
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
LPO2506	MSS1246	SLC1175
LPO4812	MSS1260	SLC7530
LPO6610	MSS1278	XFL3012
LPS3010	MSS5121	

Coupled inductors

MSD1260	MSD1278	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