

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.



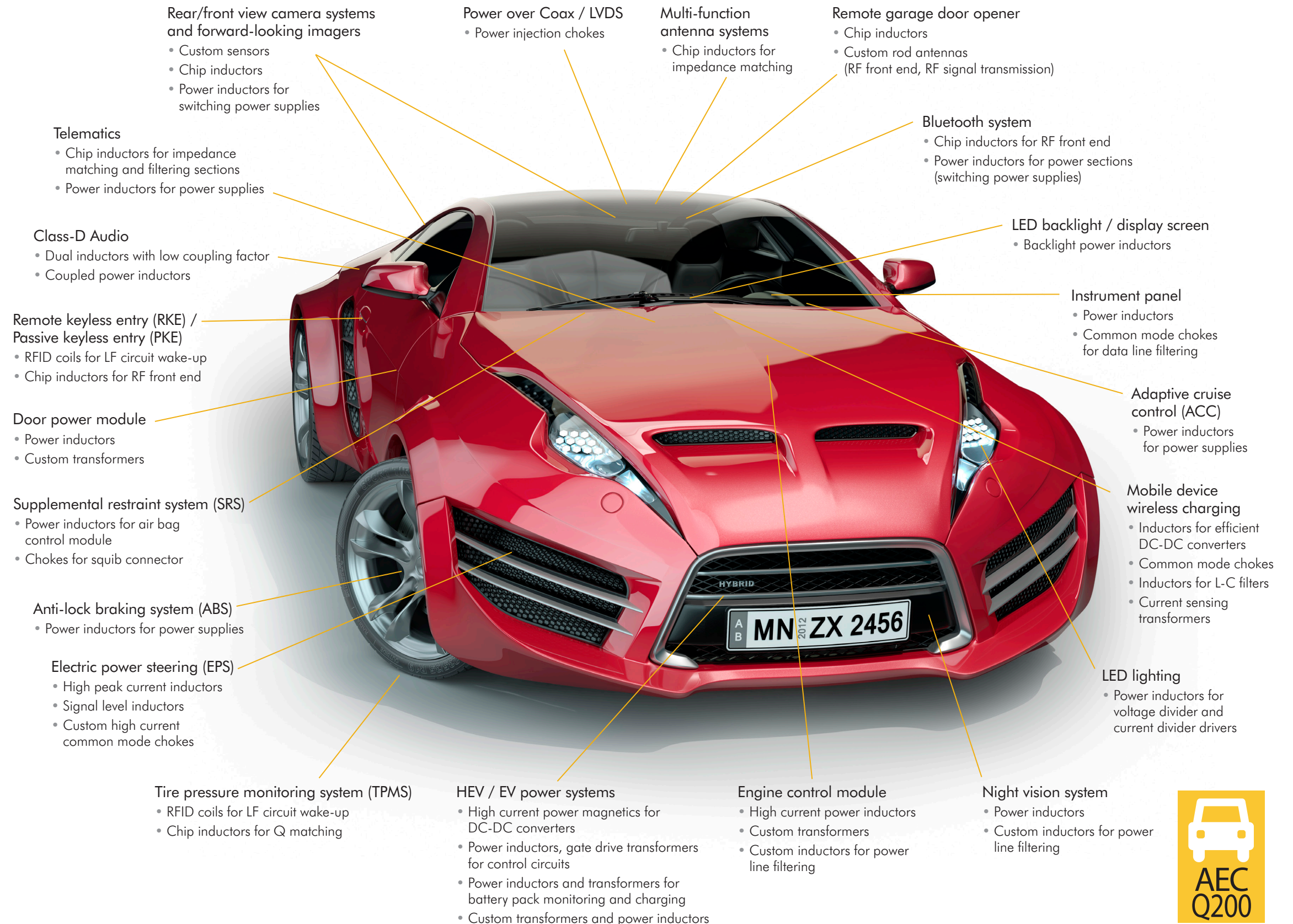
Committed to Quality

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)



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

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

Flyback transformer

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

EMI filters

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|-----------|
| RA6870-AL |
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AEC-Q200 Grade 3 (-40°C to +85°C ambient)



RF inductors

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|-----------|--------|
| 1508/2508 | 0805LS |
| 0603LS | 1008LS |

Power inductors

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|---------|---------|----------|
| 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

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|---------|---------|---------|
| MSD1260 | MSD1278 | MSD7342 |
|---------|---------|---------|

EMI filters

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| DLF |
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Broadband chokes

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| KA4909-AL |
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For complete details and product listings, visit coilcraft.com/AEC.