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Designer's Kits



To help simplify your prototyping, we offer low-cost Designer's Kits for many of our products. Each contains an assortment of in-stock values along with detailed product specifications. We even provide free refills for parts you use most often. Coilcraft Designer's Kits can save you hours of searching or winding your own. They'll help you zero in on one of our off-the-shelf parts or give us a starting point for a custom design.

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SMT Products

RF Chip Inductors

NEW! **0201AF Chip Inductors**
 Inductance: 33 nH – 200 nH
 8 values (20 of each)
 Kit C471 \$45 (10% tolerance)

0201DS Chip Inductors
 Inductance: 0.5 nH – 14 nH
 52 values (20 of each)
 Kit C425 \$160 (5% tolerance)

NEW! **0201HL Chip Inductors**
 Inductance: 22 nH – 51 nH
 7 values (20 of each)
 Kit C475 \$45 (5% tolerance)

NEW! **02601 1C Series Chip Inductors**
 Inductance: 0.75 nH – 75 nH
 29 values (20 of each)
 Kit C473 \$80 (5% tolerance)

NEW! **02601 1F Series Chip Inductors**
 Inductance: 27 nH – 560 nH
 7 values (20 of each)
 Kit C474 \$45 (5% tolerance)

0302CS Chip Inductors
 Inductance: 0.67 nH – 34 nH
 35 values (20 of each)
 Kit C370 \$90 (5% tolerance)

0402AF Chip Inductors
 Inductance: 20 nH – 560 nH
 20 values (20 of each)
 Kit C397 \$55 (5% tolerance)

0402CS Chip Inductors
 Inductance: 1 nH – 120 nH
 48 values (20 of each)
 Kit C328 \$110 (5% tolerance)
 Kit C328-2 \$150 (2% tolerance)

0402DC Chip Inductors
 Inductance: 0.8 nH – 120 nH
 112 values (20 of each)
 Kit C472-2 \$330 (2% tolerance)

NEW! **0402DF Chip Inductors**
 Inductance: 20 nH – 3300 nH
 25 values (20 of each)
 Kit C462 \$70 (5% tolerance)

0402HL Chip Inductors
 Inductance: 270 nH – 820 nH
 12 values (20 of each)
 Kit C453 \$45 (5% tolerance)

0402HP Chip Inductors
 Inductance: 1 nH – 220 nH
 54 values (20 of each)
 Kit C403 \$120 (5% tolerance)
 Kit C403-2 \$160 (2% tolerance)

0402PA High Current Chip Inductors
 Inductance: 0.78 nH – 8.2 nH
 7 values (20 of each)
 Kit C373 \$40 (5% tolerance)

0403HQ High Q Chip Inductors
 Inductance: 1.9 nH – 8 nH
 11 values (20 of each)
 Kit C371 \$40 (5% tolerance)

0603AF Chip Inductors
 Inductance: 15 nH – 10 μ H
 27 values (10 of each)
 Kit C439 \$45 (5% tolerance)

0603CS Chip Inductors
 Inductance: 1.6 nH – 390 nH
 48 values (10 of each)
 Kit C324 \$120 (5% tolerance)
 Kit C324-2 \$160 (2% tolerance)

0603CT Chip Inductors
 Inductance: 1 nH – 56 nH
 36 values (10 of each)
 Kit C423 \$95 (5% tolerance)
 Kit C423-2 \$115 (2% tolerance)

0603HC Chip Inductors
 Inductance: 1.6 nH – 47 nH
 13 values (10 of each)
 Kit C339 \$40 (5% tolerance)

0603HL Chip Inductors
 Inductance: 330 nH – 3300 nH
 14 values (10 of each)
 Kit C449 \$45 (5% tolerance)

0603HP Chip Inductors
 Inductance: 1.8 nH – 390 nH
 54 values (10 of each)
 Kit C406 \$140 (5% tolerance)
 Kit C406-2 \$180 (2% tolerance)

0603LS Chip Inductors
 Inductance: 47 nH – 22,000 nH
 33 values (10 of each)
 Kit C347 \$70 (5% tolerance)

0604HQ High Q Chip Inductors
 Inductance: 1.15 nH – 10.4 nH
 7 values (10 of each)
 Kit C351 \$40 (5% tolerance)

0805AF Chip Inductors
 Inductance: 0.11 μ H – 22 μ H
 14 values (10 of each)
 Kit C450 \$45 (5% tolerance)

0805CS Chip Inductors
 Inductance: 2.8 nH – 820 nH
 37 values (10 of each)
 Kit C303 \$95 (5% tolerance)
 Kit C303-2 \$115 (2% tolerance)

0805HP Chip Inductors
 Inductance: 2.6 nH – 820 nH
 23 values (20 of each)
 Kit C477 \$65 (5% tolerance)
 Kit C477-2 \$85 (2% tolerance)

0805HQ Chip Inductors
 Inductance: 2.5 nH – 51 nH
 12 values (10 of each)
 Kit C325 \$40 (5% tolerance)

NEW! **0805HT Chip Inductors**
 Inductance: 1.8 nH – 500 nH
 34 values (10 of each)
 Kit C321 \$70 (5% tolerance)

0805LS Chip Inductors
 Inductance: 0.078 μ H – 27 μ H
 19 values (10 of each)
 Kit C354 \$45 (5% tolerance)

1008AF Chip Inductors
 Inductance: 0.9 μ H – 10 μ H
 14 values (10 of each)
 Kit C414 \$45 (5% tolerance)

1008CS Chip Inductors
 Inductance: 10 nH – 8200 nH
 40 values (10 of each)
 Kit C300 \$100 (5% tolerance)
 Kit C300-2 \$120 (2% tolerance)

1008HQ High Q Chip Inductors
 Inductance: 3 nH – 100 nH
 15 values (10 of each)
 Kit C323 \$40 (5% tolerance)
 Kit C323-2 \$60 (2% tolerance)

1008HT Chip Inductors
 Inductance: 3.3 nH – 560 nH
 26 values (10 of each)
 Kit C322 \$55 (5% tolerance)

1008LS Chip Inductors
 Inductance: 1.0 μ H – 100 μ H
 28 values (10 of each)
 Kit C336 \$70 (5% tolerance)

1206CS Chip Inductors
 Inductance: 3.3 nH – 1.2 μ H
 31 values (10 of each)
 Kit C320 \$80 (5% tolerance)

1812CS Chip Inductors
 Inductance: 1 μ H – 33 μ H
 19 values (10 of each)
 Kit C337 \$50 (5% tolerance)

1812LS Chip Inductors
 Inductance: 12 μ H – 1000 μ H
 24 values (10 of each)
 Kit C314 \$60 (5% tolerance)

HA403x Chip Inductors
 Inductance: 150 nH – 390 nH
 6 values (10 of each)
 Kit C458 \$45 (2% tolerance)



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Air Core Inductors

**0806SQ, 0807SQ, 0908SQ
 Square Air Core Inductors**
 Inductance: 5.5 nH–27.3 nH
 20 values (10 of each)
 Kit C424 \$45 (5% tolerance)
 Kit C424-2 \$70 (2% tolerance)

**1010/1212/2014VS
 Power Air Core Inductors**
 Inductance: 22 nH–257 nH
 16 values (5 of each)
 Kit C456 \$60 (5% tolerance)

**1111SQ Square Air Core
 Inductors**
 Inductance: 27 nH–47 nH
 7 values (10 of each)
 Kit C457 \$45 (5% tolerance)

**1515SQ, 2222SQ, 2929SQ
 Square Air Core Inductors**
 Inductance: 47 nH–500 nH
 16 values (10 of each)
 Kit C438 \$55 (5% tolerance)
 Kit C438-2 \$75 (2% tolerance)

GA309x Air Core Inductors
 Inductance: 3.7 nH–17.5 nH
 4 values (10 of each)
 Kit C459 \$45 (5% tolerance)

**Micro Spring™
 Air Core Inductors**
 Inductance: 1.65 nH–12.55 nH
 9 values (12 of each)
 Kit C308 \$40 (5% tolerance)
 Kit C308-2 \$60 (2% tolerance)

**Mini Spring™
 Air Core Inductors**
 Inductance: 2.5 nH–43 nH
 10 values (12 of each)
 Kit C302 \$40 (5% tolerance)
 Kit C302-2 \$60 (2% tolerance)

**Midi Spring®
 Air Core Inductors**
 Inductance: 22 nH–150 nH
 11 values (12 of each)
 Kit C318 \$40 (5% tolerance)
 Kit C318-2 \$60 (2% tolerance)

**Maxi Spring™
 Air Core Inductors**
 Inductance: 90 nH–558 nH
 12 values (8 of each)
 Kit C319 \$40 (5% tolerance)
 Kit C319-2 \$60 (2% tolerance)

**Low Profile Mini Spring™
 Air Core Inductors**
 Inductance: 5.5 nH–27 nH
 7 values (10 of each)
 Kit C394 \$45 (5% tolerance)
 Kit C394-2 \$70 (2% tolerance)

RFID Transponder Coils

**RFID Transponder Coils
 5315TC Series**
 Inductance: 0.37 mH–7.2 mH
 14 values (4 of each)
 Kit C369 \$80

**RFID Transponder Coils
 4308RV Series**
 Inductance: 0.37 mH–9 mH
 16 values (4 of each)
 Kit C383 \$80

EMI/RFI Filters

**Common Mode
 Data Line EMI Filters**
 Attenuation: 15 dBm, 1.5–300 MHz
 DC current capacity: 100, 500 mA
 17 values (4 of each)
 Kit D303 \$75

**USB 3.x / 2.0
 Common Mode Chokes**
 0603USB, 0805USB, 0805USBF,
 0805USBN, and 1206USB series
 39 values (10 of each)
 Kit 470 \$110

RF Transformers

**PWB Series Wideband
 RF Transformers**
 Ohm ratio: 1 to 1, 1.5, 2, 4 and 16
 Frequency range: 0.03–700 MHz
 25 values (3 of each)
 Kit C404 \$70

**WBC Series Wideband
 RF Transformers**
 Ohm ratio: 1 to 1, 2, 4, 8, 9 and 16
 Frequency range: 0.15–1200 MHz
 12 values (3 of each)
 Kit C393 \$45

Power Inductors

**0603PS Series
 Power Chip Inductors**
 Inductance 0.78 μ H–47 μ H
 Current: 0.55–0.10 Amps
 16 values (6 of each)
 Kit C346 \$50

**0805PS Series
 Power Chip Inductors**
 Inductance 1.0 μ H–330 μ H
 Current: 0.9–0.06 Amps
 20 values (6 of each)
 Kit C348 \$60

**1008PS Series
 Power Chip Inductors**
 Inductance 1.0 μ H–1000 μ H
 Current: 4.2–0.13 Amps
 28 values (6 of each)
 Kit C341 \$80

**1812PS Series
 Power Chip Inductors**
 Inductance 1.0 μ H–1000 μ H
 Current: 2.5–0.08 Amps
 28 values (6 of each)
 Kit C343 \$80

**DO1605T Series
 Power Wafer® Inductors**
 Inductance: 1 μ H–1000 μ H
 Current: 2.5–0.08 Amps
 19 values (3 of each)
 Kit C353 \$60

**DO1606T Series
 Power Wafer® Inductors**
 Inductance: 1 μ H–1000 μ H
 Current: 2.5–0.06 Amps
 19 values (3 of each)
 Kit C338 \$60

**DO1607B Series
 Backlight Inductors**
 Inductance: 1 mH–6.8 mH
 Current: 100–40 mAmps
 6 values (3 of each)
 Kit C335 \$40

**DO1608C Series
 Power Inductors**
 Inductance: 1 μ H–1000 μ H
 Current: 2.9–0.10 Amps
 20 values (3 of each)
 Kit C377 \$60

**DO1813H Series
 High Current Inductors**
 Inductance: 0.18 μ H–48.1 μ H
 Current: 14.0–0.87 Amps
 14 values (3 of each)
 Kit C331 \$40

**DO2010 Series
 Power Inductors**
 Inductance: 12 μ H–220 μ H
 Current: 0.51–0.10 Amps
 8 values (5 of each)
 Kit C399 \$45

**DO3308P Series
 Power Inductors**
 Inductance: 4.7 μ H–1000 μ H
 Current: 4.2–0.29 Amps
 15 values (3 of each)
 Kit C309 \$45

**DO3314 Series
 Power Wafer® Inductors**
 Inductance: 1 μ H–33 μ H
 Current: 2.1–0.51 Amps
 10 values (3 of each)
 Kit C358 \$40

**DO3316H Series
 High Current Inductors**
 Inductance: 0.12 μ H–4.7 μ H
 Current: 28–5.4 Amps
 10 values (3 of each)
 Kit C326 \$40

**DO3316P Series
 Power Inductors**
 Inductance: 1 μ H–3300 μ H
 Current: 9.0–0.19 Amps
 20% tolerance
 21 values (3 of each)
 Kit C378 \$60 (20% tolerance)

**DO3316T Series
 High Temp Inductors**
 Inductance: 0.33 μ H–470 μ H
 Current: 20–0.50 Amps
 33 values (3 of each)
 Kit C396 \$100

**DO3340P Series
 Power Inductors**
 Inductance: 10 μ H–1000 μ H
 Current: 8.0–0.8 Amps
 13 values (3 of each)
 Kit C310 \$40

**DO5010H Series
 High Current Inductors**
 Inductance: 0.78 μ H–1000 μ H
 Current: 30–1.0 Amps
 20% tolerance
 22 values (3 of each)
 Kit C355 \$65

**DO5022P Series
 Power Inductors**
 Inductance: 1 μ H–1000 μ H
 Current: 28.8–1.1 Amps
 18 values (3 of each)
 Kit C311 \$55

**DS1608B Series
 Backlight Inductors**
 Inductance: 0.1 mH–10 mH
 Current: 220–10 mAmps
 13 values (3 of each)
 Kit C334 \$40

**EPL2010 Series
 Shielded Power Inductors**
 Inductance: 0.18 μ H–10 μ H
 Current: 2.9–0.36 Amps
 14 values (5 of each)
 Kit C412 \$45

**EPL2014 Series
 Shielded Power Inductors**
 Inductance: 0.27 μ H–10 μ H
 Current: 2.8–0.60 Amps
 12 values (5 of each)
 Kit C413 \$45

**EPL3010 Series
 Shielded Power Inductors**
 Inductance: 0.3 μ H–10 μ H
 Current: 2.2–0.48 Amps
 6 values (5 of each)
 Kit C431 \$45

**EPL3012 Series
 Shielded Power Inductors**
 Inductance: 1.0 μ H–22 μ H
 Current: 2.0–0.61 Amps
 8 values (5 of each)
 Kit C437 \$45

**EPL3015 Series
 Shielded Power Inductors**
 Inductance: 0.9 μ H–33 μ H
 Current: 2.4–0.45 Amps
 11 values (5 of each)
 Kit C405 \$45

**LPD & MSD Series
 Essential Values**
 Inductance: 0.33 μ H–220 μ H
 Current: 21.8–0.21 Amps
 41 values (3 of each)
 Kit C463 \$160

**LPD5030V & LPD8035V
 High Iso Coupled Inductors**
 Inductance: 4.7 μ H–220 μ H
 Current: 1.6–0.10 Amps
 19 values (3 of each)
 Kit C481 \$70

**LPO2506 Series
 Power Wafer® Inductors**
 Inductance: 4.7 μ H–1000 μ H
 Current: 1.6–0.10 Amps
 16 values (3 of each)
 Kit C332 (InBoard®) \$60
 Kit C333 (On-board) \$60

**NEW! LPO3010 Series
 Power Wafer® Inductors**
 Inductance: 1 μ H–22 μ H
 Current: 1.7–0.30 Amps
 13 values (3 of each)
 Kit C388 \$40



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Coilcraft Designer's Kits

**LPO3310 Series
Power Wafer® Inductors**
 Inductance: 0.3 μ H – 47 μ H
 Current: 2.8 – 0.25 Amps
 14 values (3 of each)
 Kit C375 \$40

**LPO4812 Series
Power Wafer® Inductors**
 Inductance: 1 μ H – 220 μ H
 Current: 1.3 – 0.09 Amps
 16 values (3 of each)
 Kit C357 \$45

**LPO4815 Series
Power Wafer® Inductors**
 Inductance: 1 μ H – 220 μ H
 Current: 1.6 – 0.11 Amps
 18 values (3 of each)
 Kit C376 \$55

**LPO6013 Series
Power Wafer® Inductors**
 Inductance: 1 μ H – 1000 μ H
 Current: 1.9 – 0.07 Amps
 22 values (3 of each)
 Kit C352 \$65

**LPO6610 Series
Power Wafer® Inductors**
 Inductance: 1.2 μ H – 330 μ H
 Current: 2.1 – 0.13 Amps
 16 values (3 of each)
 Kit C367 \$50

**LPS 30xx Shielded
Power Wafer® Inductors**
 Parts from LPS3008, 3010, 3015
 Inductance: 0.68 μ H – 33 μ H
 29 values (3 of each)
 Kit C392 \$95

**LPS 3314 Shielded
Power Wafer® Inductors**
 Inductance: 1 μ H – 820 μ H
 Current: 2.0 – 0.10 Amps
 26 values (3 of each)
 Kit C330 \$85

**LPS 40xx Shielded
Power Wafer® Inductors**
 Parts from LPS4012, LPS4018
 Inductance: 0.56 μ H – 33 μ H
 Current: 5.3 – 0.48 Amps
 19 values (3 of each)
 Kit C401 \$65

**LPS 4414 Shielded
Power Wafer® Inductors**
 Inductance: 0.3 μ H – 1000 μ H
 Current: 5.8 – 0.106 Amps
 31 values (3 of each)
 Kit C340 \$105

**LPS High L Shielded
Power Wafer® Inductors**
 Parts from LPS30xx, LPS40xx
 Inductance: 220 μ H – 2200 μ H
 19 values (3 of each)
 Kit C402 \$95

**LPS 5010 Shielded
Power Wafer® Inductors**
 Inductance: 0.47 μ H – 680 μ H
 Current: 3.4 – 0.10 Amps
 22 values (3 of each)
 Kit C407 \$70

**LPS 5015 Shielded
Power Wafer® Inductors**
 Inductance: 1 μ H – 2200 μ H
 Current: 3.9 – 0.08 Amps
 30 values (3 of each)
 Kit C350 \$95

**LPS 5030 Shielded
Power Wafer® Inductors**
 Inductance: 0.9 μ H – 4700 μ H
 Current: 4.1 – 0.059 Amps
 32 values (3 of each)
 Kit C420 \$95

**LPS 6225 Shielded
Power Wafer® Inductors**
 Inductance: 1.0 μ H – 10,000 μ H
 Current: 5.4 – 0.087 Amps
 28 values (3 of each)
 Kit C349 \$85

**LPS6235 Shielded
Power Wafer® Inductors**
 Inductance: 6.8 μ H – 10,000 μ H
 Current: 2.8 – 0.074 Amps
 31 values (3 of each)
 Kit C345 \$95

**ME3215 Series
Power Inductors**
 Inductance: 1 μ H – 100 μ H
 Current: 2.8 – 0.27 Amps
 11 values (3 of each)
 Kit C408 \$45

**ME3220 Series
Power Inductors**
 Inductance: 1 μ H – 100 μ H
 Current: 3.2 – 0.34 Amps
 21 values (3 of each)
 Kit C386 \$65

**MLC12xx/15xx Series
High Current Inductors**
 Inductance: 0.36 μ H – 4.5 μ H
 Current: 54 – 11.8 Amps
 40 values (3 of each)
 Kit C387 \$65

**MOS6020 Series
Shielded Power Inductors**
 Inductance: 2.2 μ H – 470 μ H
 Current: 3.56 – 0.19 Amps
 16 values (3 of each)
 Kit C359 \$50

**MSD1278 Series
Shielded Coupled Inductors**
 Inductance: 4.7 μ H – 4000 μ H
 Current: 14.9 – 1.1 Amps
 29 values (3 of each)
 Kit C400 \$95

**MSS1038 Series
Shielded Power Inductors**
 Inductance: 1.0 μ H – 1000 μ H
 Current: 12.1 – 0.46 Amps
 31 values (3 of each)
 Kit C391 \$100

**MSS1048 Series
Shielded Power Inductors**
 Inductance: 0.8 μ H – 330 μ H
 Current: 14.1 – 0.76 Amps
 20 values (3 of each)
 Kit C409 \$65

**MSS1246 Series
Shielded Power Inductors**
 Inductance: 1.0 μ H – 1000 μ H
 Current: 19.9 – 0.68 Amps
 31 values (3 of each)
 Kit C410 \$85

**MSS1246T Series
Shielded Power Inductors**
 Inductance: 1.0 μ H – 1000 μ H
 Current: 22.04 – 0.728 Amps
 33 values (3 of each)
 Kit C417 \$100

**MSS1260 Series
Shielded Power Inductors**
 Inductance: 1.0 μ H – 1000 μ H
 Current: 22.7 – 0.74 Amps
 33 values (3 of each)
 Kit C360 \$100

**MSS1260T Series
Shielded Power Inductors**
 Inductance: 1.0 μ H – 1000 μ H
 Current: 22.76 – 0.672 Amps
 33 values (3 of each)
 Kit C418 \$100

**MSS1278 Series
Shielded Power Inductors**
 Inductance: 1.4 μ H – 1000 μ H
 Current: 30.6 – 1.14 Amps
 30 values (3 of each)
 Kit C380 \$90

**MSS1278T Series
Shielded Power Inductors**
 Inductance: 1.0 μ H – 1000 μ H
 Current: 36.84 – 1.18 Amps
 34 values (3 of each)
 Kit C419 \$100

**MSS4020 Series
Shielded Power Inductors**
 Inductance: 3.3 μ H – 100 μ H
 Current: 1.2 – 0.20 Amps
 18 values (3 of each)
 Kit C381 \$55

**MSS5121 Series
Shielded Power Inductors**
 Inductance: 2.2 μ H – 390 μ H
 Current: 2.3 – 0.19 Amps
 26 values (3 of each)
 Kit C411 \$80

**MSS5131 Series
Shielded Power Inductors**
 Inductance: 2.2 μ H – 390 μ H
 Current: 2.3 – 0.16 Amps
 26 values (3 of each)
 Kit C362 \$80

**MSS6122 Series
Shielded Power Inductors**
 Inductance: 4.7 μ H – 100 μ H
 Current: 1.82 – 0.4 Amps
 17 values (3 of each)
 Kit C363 \$50

**MSS6132 Series
Shielded Power Inductors**
 Inductance: 4.7 μ H – 100 μ H
 Current: 2.84 – 0.59 Amps
 17 values (3 of each)
 Kit C364 \$50

**MSS7341 Series
Shielded Power Inductors**
 Inductance: 3.3 μ H – 380 μ H
 Current: 3.72 – 0.29 Amps
 22 values (3 of each)
 Kit C385 \$55

**PFL1609 & PFL2010 Series
Shielded Power Inductors**
 Inductance: 0.47 μ H – 4.7 μ H
 Current: 1.8 – 0.37 Amps
 13 values (20 of each)
 Kit C433 \$45

**PFL2510 & PFL2512 Series
Shielded Power Inductors**
 Inductance: 0.15 μ H – 4.7 μ H
 Current: 3.0 – 0.89 Amps
 13 values (5 of each)
 Kit C444 \$45

**PFL4514 & PFL4517 Series
Shielded Power Inductors**
 Inductance: 0.15 μ H – 22 μ H
 Current: 6.5 – 0.79 Amps
 15 values (3 of each)
 Kit C451 \$55

**SER1052 Series
Shielded Power Inductors**
 Inductance: 0.8 μ H – 5.7 μ H
 Current: 25.6 – 6.0 Amps
 13 values (3 of each)
 Kit C421 \$45

**SER1360 Series
High Current Inductors**
 Inductance: 0.33 μ H – 10 μ H
 Current: 43 – 7.5 Amps
 10 values (4 of each)
 Kit C365 \$65

**SER1400 Series
High Current Inductors**
 Inductance: 0.3 μ H – 3.6 μ H
 Current: 105.9 – 12.1 Amps
 13 values (3 of each)
 Kit C427 \$55

**SER1590 Series
High Current Inductors**
 Inductance: 0.3 μ H – 1.5 μ H
 Current: 57 – 19 Amps
 8 values (4 of each)
 Kit C366 \$60

**SER2000 Series
High Current Inductors**
 Inductance: 0.3 μ H – 2 μ H
 Current: 100 – 45 Amps
 9 values (2 of each)
 Kit C374 \$60

**SLC7530 Series
Shielded Power Inductors**
 Inductance: 0.05 μ H – 0.40 μ H
 Current: 50 – 8 Amps
 8 values (3 of each)
 Kit C379 \$40

**SLC & SLR Series
Shielded Power Inductors**
 Inductance: 0.04 μ H – 0.44 μ H
 Current: 100 – 20 Amps
 40 values (3 of each)
 Kit C467 \$110



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Coilcraft Designer's Kits

NEW! **XAL & XFL Series - Shielded Essential Values**

Inductances: 1.0, 2.2, 3.3 & 4.7 μ H
 4 values from 12 series
 42 parts (3 of each)
 Kit C454 \$160

XAL1010 & XAL1060 Series Shielded Power Inductors

Inductance: 0.18 μ H – 15 μ H
 Current: >100 – 15.5 Amps
 21 values (3 of each)
 Kit C435 \$60

NEW! **XEL35xx Series - Shielded**

Inductance: 0.070 μ H – 1.2 μ H
 Current: 4.8 – 18.5 Amps
 21 values (3 of each)

Kit C465 \$65

XAL40xx Series Shielded Power Inductors

Inductance: 0.22 μ H – 6.8 μ H
 Current: 18.7 – 3.6 Amps
 10 values (5 of each)
 Kit C429 \$45

XAL50xx Series Shielded Power Inductors

Inductance: 0.16 μ H – 8.2 μ H
 Current: 31 – 5.6 Amps
 12 values (3 of each)
 Kit C445 \$55

XAL60xx Series Shielded Power Inductors

Inductance: 0.18 μ H – 33 μ H
 Current: 39 – 3.7 Amps
 16 values (3 of each)
 Kit C442 \$55

XAL7020 Series Shielded Power Inductors

Inductance: 0.15 μ H – 2.2 μ H
 Current: 46 – 13.6 Amps
 9 values (3 of each)
 Kit C452 \$45

XAL7030 Series Shielded Power Inductors

Inductance: 0.16 μ H – 10 μ H
 Current: 60 – 7.7 Amps
 13 values (3 of each)
 Kit C441 \$45

XAL7070 Series Shielded Power Inductors

Inductance: 0.16 μ H – 6.8 μ H
 Current: 78 – 12.8 Amps
 13 values (3 of each)
 Kit C443 \$60

XEL40xx Series Shielded Power Inductors

Inductance: 92 nH – 6.8 μ H
 Current: 30 – 3.6 Amps
 28 values (3 of each)
 Kit C464 \$75

XEL50xx Series Shielded Power Inductors

Inductance: 0.10 μ H – 22 μ H
 Current: 3.6 – 44 Amps
 32 values (3 of each)
 Kit C480 \$120

XEL60xx Series Shielded Power Inductors

Inductance: 0.15 μ H – 12 μ H
 Current: 5.8 – 45 Amps
 19 values (3 of each)
 Kit C466 \$65

XFL2005 Series Shielded Power Inductors

Inductance: 0.15 μ H – 10 μ H
 Current: 1.9 – 0.24 Amps
 14 values (5 of each)
 Kit C479 \$45

NEW! **XFL2006 Series Shielded Power Inductors**

Inductance: 1.0 μ H – 100 μ H
 Current: 1.2 – 0.115 Amps
 16 values (5 of each)
 Kit C478 \$45

XFL3010 & XFL3012 Series Shielded Power Inductors

Inductance: 0.33 μ H – 220 μ H
 Current: 3.4 – 0.14 Amps
 37 values (5 of each)
 Kit C440 \$125

XFL4012 & XFL4015 Series Shielded Power Inductors

Inductance: 0.12 μ H – 1.2 μ H
 Current: 11.3 – 4.5 Amps
 9 values (5 of each)
 Kit C455 \$45

XFL4020 Series Shielded Power Inductors

Inductance: 1.0 μ H – 4.7 μ H
 Current: 5.4 – 2.7 Amps
 5 values (5 of each)
 Kit C436 \$45

XGL4020 Series Shielded Power Inductors

Inductance: 0.33 μ H – 8.2 μ H
 Current: 3.2 – 15.2 Amps
 12 values (3 of each)
 Kit C483 \$45

XPL2010 Series Shielded Power Inductors

Inductance: 0.2 μ H – 220 μ H
 Current: 3.75 – 0.161 Amps
 22 values (5 of each)
 Kit C428 \$65

Power Transformers

CST Series SMT Current Sensors

Eight turns ratios
 Two different pinouts
 16 values (2 of each)
 Kit C389 \$50

PoE 300F Series 30 Watt Transformers

3.3 – 24 Volt output
 5 values (3 of each)
 Kit C398 \$50

PoE EP Series Transformers

3 Watt, 7 Watt and 13 Watt versions
 3.3, 5.0 and 12 Volt output
 9 values (2 of each)
 Kit C395 \$50

PoE Series Transformers

6 Watt and 13 Watt versions
 1.8 – 12 Volt output
 10 values (2 of each)
 Kit C372 \$50

Miniature PoE Transformers

6 Watt, 1.8 – 12 Volt output
 Continuous / discontinuous modes
 10 values (2 of each)
 Kit C382 \$50

Planar Transformer Prototyping Kit

Design and build your own prototypes with no tooling costs and no waiting.
 Kit C356 \$125

PL140 Series Planar Transformers

For 140 Watt applications
 3 different schematics
 6 values (2 of each)
 Kit C390 \$80

PL160/PL300 Series Planar Transformers

For 160- and 300-Watt applications
 10 parts (2 of each)
 Kit C460 \$60

TH Products

RF Inductors

132, 148 Series Horizontal Mount Inductors

Tunable and fixed
 Inductance: 14 nH – 710 nH
 33 values (3 of each)
 Kit M304 \$60

“Slot Ten” 10 mm Tunable Inductors

Inductance: 0.7 μ H – 1143 μ H
 18 shielded, 18 unshielded (3 of each)
 Kit M100 \$60

“Unicoil” 7/10 mm Tunable Inductors

Inductance: 0.0435 μ H – 1.5 μ H
 49 shielded, 49 unshielded (2 of each)
 Kit M302 \$60

“Unicoil” 5 mm Tunable Inductors

Inductance: 9 nH – 281 nH
 19 Shielded, 19 unshielded (2 of each)
 Kit M305 \$60

EMI/RFI Filters

Common Mode Data Line EMI Filters

Attenuation: 15 dBm, 1.5–300 MHz
 2, 3, 4, 8 and 10 line
 DC current capacity: 100, 500 mA
 Surface mount and leaded
 17 values (4 of each)
 Kit D303 \$75

Common Mode Line Chokes

Inductance: 731 μ H – 10.5 mH
 Current: 8.1 – 0.25 Amps rms
 8 styles (14 total pieces)
 Kit P402 \$100

Power Inductors

DC1012 Series Power Inductors

Inductance: 10 μ H – 330 μ H
 Current: 3.5 – 0.7 Amps
 19 styles (3 of each)
 Kit P410 \$115

PCV Series Power Filter Chokes

Inductance: 4.7 μ H – 270 μ H
 Current: 13 – 3.8 Amps rms
 18 styles (48 total pieces)
 Kit P405 \$75

PCH27, 45 Series Axial Lead Power Chokes

Inductance: 3.9 μ H – 82 mH
 Current: 4.3 – 0.04 AC Amps
 30 values (2 of each)
 Kit P409 \$150

Power Magnetics

Current Sensors

Sensing range: 0.02 – 35 Amps
 Frequency response: 20 – 50+ kHz
 Transformer and sensor-only versions. 10 styles (17 total pieces)
 Kit P403 \$50

Base/Gate Driver Transformers

Inductance: 1.5 mH min.
 Frequency: 10 – 250 kHz
 2 single, 2 double section (2 of each)
 Kit P404 \$50



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