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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.

Place your order on-line at <http://www.mouser.com>.



SMT Products

RF Chip Inductors

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

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

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

0402CS Chip Inductors
 Inductance: 1 nH – 10 nH
 23 values (20 of each)
 Kit C328A (5% tolerance) Kit C328A-2 (2% tolerance)
 Inductance: 11 nH – 120 nH
 25 values (20 of each)
 Kit C328B (5% tolerance) Kit C328B-2 (2% tolerance)

0402HP Chip Inductors
 Inductance: 1 nH – 18 nH
 26 values (20 of each)
 Kit C403A (5% tolerance) Kit C403A-2 (2% tolerance)
 Inductance: 19 nH – 220 nH
 26 values (20 of each)
 Kit C403B (5% tolerance) Kit C403B-2 (2% tolerance)

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

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

NEW! 0402HL Chip Inductors
 Inductance: 270 nH – 820 nH
 12 values (20 of each)
 Kit C473 (5% tolerance)

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

0603CS Chip Inductors
 Inductance: 1.6 nH – 30 nH
 26 values (10 of each)
 Kit C324A (5% tolerance) Kit C324A-2 (2% tolerance)
 Inductance: 33 nH – 390 nH
 22 values (10 of each)
 Kit C324B (5% tolerance) Kit C324B-2 (2% tolerance)

0603CT Chip Inductors
 Inductance: 1 nH – 56 nH
 35 values (10 of each)
 Kit C423 (5% tolerance) Kit C423-2 (2% tolerance)

0603HC Chip Inductors
 Inductance: 1.6 nH – 24 nH
 11 values (10 of each)
 Kit C339 (5% tolerance)

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

0603HP Chip Inductors
 Inductance: 1.8 nH – 27 nH
 27 values (10 of each)
 Kit C406A (5% tolerance) Kit C406A-2 (2% tolerance)
 Inductance: 30 nH – 390 nH
 27 values (10 of each)
 Kit C406B (5% tolerance) Kit C406B-2 (2% tolerance)

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

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

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

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

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

0805HT Chip Inductors
 Inductance: 1.8 nH – 500 nH
 34 values (10 of each)
 Kit C321 (5% tolerance)

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

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

1008CS Chip Inductors
 Inductance: 10 nH – 8200 nH
 39 values (10 of each)
 Kit C300 (5% tolerance) Kit C300-2 (2% tolerance)

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

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

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

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

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

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

Air Core Inductors

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

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

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

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

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

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

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



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Coilcraft Designer's Kits

RFID Transponder Coils

RFID Transponder Coils 5315TC Series

Inductance: 0.37 mH – 7.2 mH
14 values (4 of each)
Kit C369

RFID Transponder Coils 4308RV Series

Inductance: 0.37 mH – 9 mH
16 values (4 of each)
Kit C383

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

USB 2.0

Common Mode Filters

0603, 0805, 1206 sizes
22 values (10 of each)
Kit C384

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

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

LC Filters

Low Pass LC Filters

Poles: 3
Cutoff frequencies: 15–2100 MHz
Impedance: 50 Ohms
14 surface mount filters (3 of each)
Kit D302

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

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

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

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

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

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

DO1607B Series Backlight Inductors

Inductance: 1 mH – 6.8 mH
Current: 100–40 mAmps
6 values (3 of each)
Kit C335

DO1608C Series Power Inductors

Inductance: 1 μ H – 1000 μ H
Current: 2.9–0.10 Amps
20 values (3 of each)
Kit C377

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

DO2010 Series Power Inductors

Inductance: 12 μ H – 220 μ H
Current: 0.51–0.10 Amps
8 values (5 of each)
Kit C399

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

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

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

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 (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

DO3340P Series Power Inductors

Inductance: 10 μ H – 1000 μ H
Current: 8.0–0.8 Amps
13 values (3 of each)
Kit C310

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

DO5022P Series Power Inductors

Inductance: 1 μ H – 1000 μ H
Current: 28.8–1.1 Amps
18 values (3 of each)
Kit C311

DS1608B Series Backlight Inductors

Inductance: 0.1 mH – 10 mH
Current: 220–10 mAmps
13 values (3 of each)
Kit C334

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

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

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

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

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

LPD4012 Coupled Inductors for SEPIC

Inductance: 0.33 μ H – 330 μ H
Current: 5.6–0.16 Amps
23 values (3 of each)
Kit C422

LPO2506 Series Power Wafer® Inductors

Inductance: 4.7 μ H – 1000 μ H
Current: 1.6–0.10 Amps
15 values (3 of each)
Kit C332 (InBoard®)
Kit C333 (On-board)

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

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

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

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

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

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

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

LPS 3314 Shielded Power Wafer® Inductors

Inductance: 1 μ H – 1500 μ H
Current: 2.0–0.09 Amps
28 values (3 of each)
Kit C330

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

LPS 4414 Shielded Power Wafer® Inductors

Inductance: 0.3 μ H – 820 μ H
Current: 5.8–0.083 Amps
35 values (3 of each)
Kit C340



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Coilcraft Designer's Kits

LPS High L Shielded Power Wafer® Inductors
Parts from LPS30xx, LPS40xx
Inductance: 220 μ H – 3300 μ H
28 values (3 of each)
Kit C402

LPS 5010 Shielded Power Wafer® Inductors
Inductance: 0.47 μ H – 1000 μ H
Current: 3.4 – 0.10 Amps
22 values (3 of each)
Kit C407

LPS 5015 Shielded Power Wafer® Inductors
Inductance: 1 μ H – 4700 μ H
Current: 3.9 – 0.072 Amps
32 values (3 of each)
Kit C350

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

LPS 6225 Shielded Power Wafer® Inductors
Inductance: 1.2 μ H – 10,000 μ H
Current: 5.4 – 0.087 Amps
28 values (3 of each)
Kit C349

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

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

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

MLC Series High Current Inductors
Inductance: 0.36 μ H – 4.5 μ H
Current: 54 – 1.18 Amps
27 values (3 of each)
Kit C387

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

MSS7341 Series Shielded Power Inductors
Inductance: 3.3 μ H – 100 μ H
Current: 3.72 – 0.71 Amps
18 values (3 of each)
Kit C385

NEW! PFL1609 & PFL2010 Series Shielded Power Inductors
Inductance: 0.47 μ H – 4.7 μ H
Current: 1.8 – 0.37 Amps
11 values (20 of each)
Kit C433

NEW! 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

NEW! 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

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

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

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

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

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

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

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

NEW! 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

NEW! XAL40xx Series Shielded Power Inductors
Inductance: 0.22 μ H – 15 μ H
Current: 18.7 – 2.8 Amps
12 values (5 of each)
Kit C429

NEW! XAL50xx Series Shielded Power Inductors
Inductance: 0.16 μ H – 22 μ H
Current: 31 – 3.6 Amps
14 values (3 of each)
Kit C445

NEW! XAL60xx Series Shielded Power Inductors
Inductance: 0.18 μ H – 22 μ H
Current: 39 – 5.6 Amps
15 values (3 of each)
Kit C442

NEW! XAL7030 Series Shielded Power Inductors
Inductance: 0.16 μ H – 10 μ H
Current: 60 – 7.0 Amps
13 values (3 of each)
Kit C441

NEW! 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

NEW! XFL2005 / 2006 Series Shielded Power Inductors
Inductance: 0.15 μ H – 100 μ H
Current: 1.9 – 0.115 Amps
21 values (5 of each)
Kit C434

XFL3010 & XFL3012 Series Shielded Power Inductors
Inductance: 0.22 μ H – 220 μ H
Current: 4.1 – 0.14 Amps
37 values (5 of each)
Kit C440

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

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

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Coilcraft Designer's Kits

Power Transformers

CST Series

SMT Current Sensors

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

PoE 300F Series

30 Watt Transformers

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

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

PoE Series Transformers

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

Miniature PoE Transformers

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

Planar Transformer Prototyping Kit

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

PL140 Series

Planar Transformers

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

Leaded Products

RF Inductors

132, 148 Series Horizontal Mount Inductors

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

“Slot Seven” 7 mm Tunable Inductors

Inductance: 0.094 μ H – 275 μ H
39 values (3 of each)
Kit M106

“Slot Ten” 10 mm Tunable Inductors

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

“Unicoil” 7/10 mm Tunable Inductors

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

“Unicoil” 5 mm Tunable Inductors

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

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

Power Inductors

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

DC1012 Series Power Inductors

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

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

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

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

Base/Gate Driver Transformers

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

LC Filters

Low Pass LC Filters

Poles: 3 and 7
Cutoff frequencies: 0.30 – 500 MHz
Impedance: 50 Ohms
Six 7-pole, six 3-pole filters (2 of each)
Kit D301

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