▾ Design Kits
- Diodes
- Encoders
- Inductive Components
- Linear Motion Potentiometers
- Modular Contacts
- Multifuse® PPTC Resettable Fuses
- Panel Controls
- Power Resistors
- PortNote® Solutions
- Precision Potentiometers
- Pro Audio
- Rotary Position Sensors
- SinglFuse™
- Switches
- Telecom Circuit Protection
- TBU® High-Speed Protectors
- Trimpot® Trimming Potentiometers

Bourns 3-minute video!

Print

Design Kits - Inductive Components

Bourns® products include surface-mount chip inductors, power chokes, chip beads, chip bead arrays, as well as radial-leaded and axial-leaded inductors. These components are used in computer, communication, instrumentation, industrial, and medical applications.

In order to obtain a Bourns® Design Kit please contact your local Bourns sales office or authorized Bourns distributor.

⚠ Products marked with this symbol are currently available, although not recommended for new designs.

Kit Number	CC/CM453232-LAB1	CE201210-LAB1	CI100505-LAB1	CI160808-LAB1
Kit Photo				
Part Numbers	CC453232-1R2KL CC453232-1R8KL CC453232-2R7KL CC453232-3R9KL CC453232-5R6KL CC453232-8R2KL CC453232-120KL CC453232-180KL CC453232-270KL CC453232-390KL CC453232-560KL CC453232-820KL CC453232-121KL CC453232-181KL CC453232-271KL CC453232-391KL CM453232-R10ML CM453232-R15ML CM453232-R22ML CM453232-R33ML CM453232-R47ML CM453232-R68ML CM453232-1R0KL CM453232-2R2KL CM453232-4R7KL CM453232-100KL CM453232-220KL CM453232-470KL CM453232-101KL CM453232-221KL CM453232-471KL CM453232-102KL (10 of each in every labkit)	CE201210-1N5D CE201210-2N2D CE201210-3N3J CE201210-4N7J CE201210-6N8J CE201210-10NJ CE201210-15NJ CE201210-22NJ CE201210-33NJ CE201210-47NJ CE201210-68NJ CE201210-R10J CE201210-R15J CE201210-R22J CE201210-R27J CE201210-R33J CE201210-R39J CE201210-R47J (40 of each in every labkit)	CI100505-1N0D CI100505-1N2D CI100505-1N5D CI100505-1N8D CI100505-2N2D CI100505-2N7D CI100505-3N3D CI100505-3N9D CI100505-4N7D CI100505-5N6D CI100505-6N8J CI100505-10NJ CI100505-15NJ CI100505-22NJ CI100505-33NJ CI100505-47NJ CI100505-68NJ CI100505-R10J (40 of each in every labkit)	CI160808-1N0D CI160808-1N2D CI160808-1N5D CI160808-1N8D CI160808-2N2D CI160808-2N7D CI160808-3N3D CI160808-4N7D CI160808-6N8J CI160808-10NJ CI160808-15NJ CI160808-22NJ CI160808-33NJ CI160808-47NJ CI160808-68NJ CI160808-R10J CI160808-R15J CI160808-R22J (20 of each in every labkit)

Kit Number	CM100505-LAB1	CM160808-LAB1
Kit Photo		
Part Numbers	CM100505-1N0DL CM100505-1N2DL CM100505-1N2DL CM100505-1N5DL CM100505-1N8DL CM100505-2N2DL CM100505-2N7DL CM100505-3N3DL CM100505-3N9DL CM100505-4N7DL CM100505-5N6DL CM100505-6N8DL CM100505-8N2DL CM100505-10NJL CM100505-15NJL CM100505-22NJL CM100505-33NJL CM100505-39NJL CM100505-47NJL (40 of each in every labkit)	CM160808-1N5DL CM160808-1N8DL CM160808-2N2DL CM160808-2N7DL CM160808-3N3DL CM160808-3N9JL CM160808-4N7JL CM160808-5N6JL CM160808-6N8JL CM160808-8N2JL CM160808-10NJL CM160808-12NJL CM160808-15NJL CM160808-22NJL CM160808-33NJL CM160808-47NJL CM160808-68NJL CM160808-R10JL (40 of each in every labkit)

Kit Number	CM201212-LAB1	CM252016-LAB1	CM322522-LAB1	CM453232-LAB1
Kit Photo				
Part Numbers	CM201212-10NKL CM201212-15NKL CM201212-22NKL CM201212-33NKL CM201212-47NKL CM201212-68NKL CM201212-R10KL CM201212-R15KL CM201212-R22KL CM201212-R33KL CM201212-R47KL CM201212-R68KL CM201212-1R0KL (30 of each in every labkit)	CM252016-10NKL CM252016-15NKL CM252016-22NKL CM252016-33NKL CM252016-47NKL CM252016-68NKL CM252016-R10KL CM252016-R15KL CM252016-R22ML CM252016-R33ML CM252016-R47ML CM252016-R68ML CM252016-1R0KL CM252016-1R5KL CM252016-2R2KL CM252016-3R3KL CM252016-4R7KL CM252016-6R8KL CM252016-100KL CM252016-150KL CM252016-220KL CM252016-330KL CM252016-470KL CM252016-680KL CM252016-101KL (20 of each in every labkit)	CM322522-R10ML CM322522-R15ML CM322522-R22ML CM322522-R33ML CM322522-R47ML CM322522-R68ML CM322522-1R0KL CM322522-1R5KL CM322522-2R2KL CM322522-3R3KL CM322522-4R7KL CM322522-6R8KL CM322522-100KL CM322522-150KL CM322522-220KL CM322522-330KL CM322522-470KL CM322522-680KL CM322522-101KL CM322522-151KL CM322522-221KL (10 of each in every labkit)	CM453232-R10ML CM453232-R15ML CM453232-R22ML CM453232-R33ML CM453232-R47ML CM453232-R68ML CM453232-1R0KL CM453232-1R5KL CM453232-2R2KL CM453232-3R3KL CM453232-4R7KL CM453232-6R8KL CM453232-100KL CM453232-150KL CM453232-220KL CM453232-330KL CM453232-470KL CM453232-680KL CM453232-101KL CM453232-151KL CM453232-221KL CM453232-331KL CM453232-471KL CM453232-681KL CM453232-102KL (10 of each in every labkit)

Kit Number	CS160808-LAB1	CV201210-LAB1	CW160808-LAB1
Kit Photo			
Part Numbers	CS160808-47NK CS160808-68NK CS160808-R10K CS160808-R12K CS160808-R15K CS160808-R18K CS160808-R22K CS160808-R27K CS160808-R33K CS160808-R39K CS160808-R47K CS160808-R56K CS160808-R68K CS160808-R82K CS160808-1R0K CS160808-1R2K CS160808-1R5K CS160808-2R2K (40 of each in every labkit)	CV201210-47NK CV201210-68NK CV201210-R10K CV201210-R15K CV201210-R22K CV201210-R33K CV201210-R47K CV201210-R68K CV201210-1R0K CV201210-1R5K CV201210-2R2K CV201210-3R3K CV201210-4R7K CV201210-6R8K CV201210-100K CV201210-150K CV201210-220K CV201210-330K (30 of each in every labkit)	CW160808-4N7K CW160808-6N8J CW160808-8N2J CW160808-10NJ CW160808-12NJ CW160808-15NJ CW160808-18NJ CW160808-22NJ CW160808-27NJ CW160808-33NJ CW160808-39NJ CW160808-47NJ CW160808-56NJ CW160808-68NJ CW160808-82NJ CW160808-R10J CW160808-R15J CW160808-R22J (30 of each in every labkit)

Kit Number	CW201212-LAB1	CW252016-LAB1
Kit Photo		
Part Numbers	CW201212-2N2J CW201212-3N3J CW201212-4N7J CW201212-6N8J CW201212-8N2J CW201212-10NJ CW201212-15NJ CW201212-22NJ CW201212-33NJ CW201212-47NJ CW201212-68NJ CW201212-R10J CW201212-R15J CW201212-R22J CW201212-R33J CW201212-R47J CW201212-R68J CW201212-R91J (40 of each in every labkit)	CW252016-10NK CW252016-12NK CW252016-15NK CW252016-22NK CW252016-33NK CW252016-47NK CW252016-68NJ CW252016-R10J CW252016-R15J CW252016-R22J CW252016-R33J CW252016-R47J CW252016-R68J CW252016-1R0J CW252016-1R5J CW252016-2R2J CW252016-3R3J CW252016-4R7J (20 of each in every labkit)

Kit Number	SDR-LAB1	SDR-LAB2	SRN-LAB1	SRP-LAB1
Kit Photo				
Part Numbers	SDR0302-1R0ML SDR0302-4R7ML SDR0302-6R8ML SDR0302-100ML SDR0302-150ML SDR0302-270ML SDR0302-121KL SDR0302-471KL SDR0403-2R2ML SDR0403-5R6ML SDR0403-120ML SDR0403-220ML SDR0403-680KL SDR0403-181KL SDR0403-331KL SDR0403-102KL SDR0604-100ML SDR0604-180YL SDR0604-330KL SDR0604-470KL SDR0604-101KL SDR0604-151KL SDR0604-221KL SDR0604-391KL SDR0805-3R9ML SDR0805-6R8ML SDR0805-150ML SDR0805-390KL SDR0805-680KL SDR0805-121KL SDR0805-181KL SDR0805-471KL (3 of each in every labkit)	SDR1005-3R3ML SDR1005-100ML SDR1005-220ML SDR1005-330KL SDR1005-470KL SDR1005-101KL SDR1005-221KL SDR1005-681KL SDR1006-120ML SDR1006-270KL SDR1006-470KL SDR1006-101KL SDR1006-151KL SDR1006-221KL SDR1006-331KL SDR1006-471KL SDR1307-2R2ML SDR1307-5R6ML SDR1307-180ML SDR1307-390KL SDR1307-560KL SDR1307-121KL SDR1307-181KL SDR1307-561KL SDR1806-1R0ML SDR1806-3R3ML SDR1806-100ML SDR1806-150ML SDR1806-470ML SDR1806-101KL SDR1806-221KL SDR1806-102KL (3 of each in every labkit)	SRN3015-1R0Y SRN3015-2R2M SRN3015-3R3M SRN3015-4R7M SRN3015-6R8M SRN3015-100M SRN3015-150M SRN3015-180M SRN3015-220M SRN3015-330M SRN3015-470M SRN3015-101M SRN6045-1R0Y SRN6045-1R8Y SRN6045-2R2Y SRN6045-3R3Y SRN6045-4R7Y SRN6045-6R8Y SRN6045-8R2Y SRN6045-100M SRN6045-220M SRN6045-470M SRN6045-680M SRN6045-101M SRN8040-1R0Y SRN8040-2R2Y SRN8040-3R6Y SRN8040-6R8Y SRN8040-100M SRN8040-220M SRN8040-470M SRN8040-101M (5 of each in every labkit)	SRP4020-R22M SRP4020-R36M SRP4020-R47M SRP4020-R56M SRP4020-R68M SRP4020-1R0M SRP4020-1R5M SRP4020-2R2M SRP7030-R15M SRP7030-R47M SRP7030-1R0M SRP7030-1R5M SRP7030-2R2M SRP7030-3R3M SRP7030-4R7M SRP7030-6R8M SRP7030-R10FM SRP7030-R20FM SRP7030-R33FM SRP7030-R47FM SRP7030-R56FM SRP7030-R68FM SRP7030-R82FM SRP7030-1R0FM SRP7030-1R5FM SRP7030-2R2FM SRP7030-3R3FM SRP7030-4R7FM SRP7030-5R6FM SRP7030-6R8FM SRP7030-8R2FM SRP7030-100FM (3 of each in every labkit)

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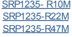
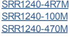
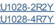
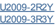
Kit Number	SRP-LAB2	SRR-LAB1	SRR-LAB2	SRR-LAB3
Kit Photo				
Part Numbers	SRP1040-R36M SRP1040-R56M SRP1040-R68M SRP1040-1R0M SRP1040-2R2M SRP1040-150M SRP1040-330M SRP1040-470M SRP1235-R22M SRP1235-R47M SRP1235-R68M SRP1235-1R0M SRP1235-2R2M SRP1235-3R3M SRP1235-4R7M SRP1235-6R8M SRP1250-R36M SRP1250-R56M SRP1250-R82M SRP1250-1R2M SRP1250-1R8M SRP1250-2R7M SRP1250-4R7M SRP1250-100M SRP1270-R47M SRP1270-R68M SRP1270-1R0M SRP1270-2R2M SRP1270-3R3M SRP1270-5R6M SRP1270-6R8M SRP1270-8R2M (3 of each in every labkit)	SRR3011-4R7YL SRR3011-6R8YL SRR3011-150YL SRR3011-220YL SRR3011-330YL SRR3011-470YL SRR3011-680YL SRR3011-101YL SRR4028-3R3Y SRR4028-5R6Y SRR4028-100Y SRR4028-220Y SRR4028-470Y SRR4028-680Y SRR4028-151Y SRR4028-331Y SRR5028-6R2Y SRR5028-8R2Y SRR5028-150Y SRR5028-220Y SRR5028-390Y SRR5028-820Y SRR5028-221Y SRR5028-681Y SRR6028-5R0Y SRR6028-100Y SRR6028-180Y SRR6028-330Y SRR6028-680Y SRR6028-101Y SRR6028-151Y SRR6028-331Y (3 of each in every labkit)	SRR7032-100M SRR7032-220M SRR7032-470M SRR7032-101M SRR7032-151M SRR7032-221M SRR7032-471M SRR7032-102M SRR7045-150M SRR7045-330M SRR7045-680M SRR7045-121M SRR7045-181M SRR7045-331M SRR7045-681M SRR7045-102M SRR1005-100M SRR1005-220Y SRR1005-390Y SRR1005-680Y SRR1005-151K SRR1005-221K SRR1005-471K SRR1005-681K SRR1806-100M SRR1806-150M SRR1806-330M SRR1806-470M SRR1806-101M SRR1806-151M SRR1806-331M SRR1806-102M (3 of each in every labkit)	SRR1240-4R7M SRR1240-100M SRR1240-150M SRR1240-270M SRR1240-470M SRR1240-121K SRR1240-221K SRR1240-331K SRR1260-100M SRR1260-150M SRR1260-220M SRR1260-470M SRR1260-680M SRR1260-101M SRR1260-151K SRR1260-471K SRR1280-4R7Y SRR1280-100M SRR1280-180M SRR1280-330M SRR1280-560M SRR1280-820M SRR1280-151K SRR1280-271K SRR1210-5R6Y SRR1210-8R2Y SRR1210-270M SRR1210-390M SRR1210-680M SRR1210-121M SRR1210-221M SRR1210-391M (3 of each in every labkit)

Kit Number	SRP12-LAB1	SRR12-LAB1	SRU10-LAB1	SRU20-LAB1
Kit Photo				
Part Numbers	SRP1235- R10M SRP1235-R22M SRP1235-R47M SRP1235-1R0M SRP1235-2R2M SRP1235-4R7M SRP1250-R47M SRP1250-1R0M SRP1250-1R5M SRP1250-2R2M SRP1250-4R7M SRP1250-100M SRP1270-R47M SRP1270-1R0M SRP1270-2R2M SRP1270-4R7M SRP1270-6R8M SRP1270-100M (2 of each in every labkit)	SRR1240-4R7M SRR1240-100M SRR1240-470M SRR1240-101M SRR1240-471K SRR1240-102K SRR1260-1R0Y SRR1260-4R7Y SRR1260-100M SRR1260-220M SRR1260-470M SRR1260-101M SRR1280-3R3Y SRR1280-100M SRR1280-330M SRR1280-680M SRR1280-101M SRR1280-471K (2 of each in every labkit)	SRU1028-1R0Y SRU1028-2R2Y SRU1028-4R7Y SRU1028-100Y SRU1028-470Y SRU1028-101Y SRU1038-1R5Y SRU1038-5R0Y SRU1038-100Y SRU1038-470Y SRU1038-101Y SRU1038-221Y SRU1048-R80Y SRU1048-3R0Y SRU1048-100Y SRU1048-330Y SRU1048-680Y SRU1048-151Y (3 of each in every labkit)	SRU2009-1R0Y SRU2009-2R2Y SRU2009-3R3Y SRU2009-4R4Y SRU2009-100Y SRU2009-220Y SRU2013-1R0Y SRU2013-3R3Y SRU2013-6R8Y SRU2013-100Y SRU2013-220Y SRU2013-470Y SRU2016-1R0Y SRU2016-4R7Y SRU2016-100Y SRU2016-220Y SRU2016-470Y SRU2016-101Y (3 of each in every labkit)

Kit Number	SRU30-LAB1	SRU50-LAB1	SRU60-LAB1
Kit Photo			
Part Numbers	SRU3011-1R5Y SRU3011-2R2Y SRU3011-3R3Y SRU3011-4R7Y SRU3011-6R8Y SRU3011-100Y SRU3017-2R2Y SRU3017-3R3Y SRU3017-4R7Y SRU3017-100Y SRU3017-220Y SRU3017-470Y SRU3028-100Y SRU3028-220Y SRU3028-330Y SRU3028-470Y SRU3028-680Y SRU3028-101Y (3 of each in every labkit)	SRU5011-2R5Y SRU5011-4R7Y SRU5011-100Y SRU5011-220Y SRU5011-470Y SRU5011-101Y SRU5018-1R0Y SRU5018-2R2Y SRU5018-4R7Y SRU5018-100Y SRU5018-330Y SRU5018-101Y SRU5028-2R2Y SRU5028-4R7Y SRU5028-100Y SRU5028-220Y SRU5028-470Y SRU5028-101Y (3 of each in every labkit)	SRU6011-1R4Y SRU6011-4R7Y SRU6011-100Y SRU6011-220Y SRU6011-470Y SRU6011-680Y SRU6018-1R2Y SRU6018-3R3Y SRU6018-100Y SRU6018-220Y SRU6018-470Y SRU6018-101Y SRU6025-4R7Y SRU6025-100Y SRU6025-220Y SRU6025-470Y SRU6025-101Y SRU6025-221Y (3 of each in every labkit)

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