






THE DATASHEET OF SRU20-LAB1











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.

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Kit Number	CF252016-LAB1	CF322513-LAB1	CI100505-LAB1
Kit Photo			
Part Numbers	CF252016-R10K CF252016-R15K CF252016-R22K CF252016-R33K CF252016-R47K CF252016-R68K CF252016-1R0K CF252016-1R5K CF252016-2R2K CF252016-3R3K CF252016-4R7K CF252016-6R8K CF252016-100K CF252016-150K CF252016-180K CF252016-220K CF252016-270K CF252016-330K (20 of each in every labkit)	CF322513-R12K CF322513-R15K CF322513-R22K CF322513-R33K CF322513-R47K CF322513-R68K CF322513-1R0K CF322513-1R5K CF322513-2R2K CF322513-3R3K CF322513-4R7K CF322513-6R8K CF322513-100K CF322513-150K CF322513-180K CF322513-220K CF322513-270K CF322513-330K (25 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)

Kit Number	CI160808-LAB1	CE201210-LAB1	CM100505-LAB1	CM160808-LAB1
Kit Photo				
Part Numbers	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)	CE201210-1N5D CE201210-2N2D CE201210-3N3K CE201210-4N7K CE201210-6N8K 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)	CM100505-1N0DL 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)	CM160808-1N5D CM160808-1N8D CM160808-2N2D CM160808-2N7D CM160808-3N3D CM160808-3N9J CM160808-4N7J CM160808-5N6J CM160808-6N8J CM160808-8N2J CM160808-10NJ CM160808-12NJ CM160808-15NJ CM160808-22NJ CM160808-33NJ CM160808-47NJ CM160808-68NJ CM160808-R10J (40 of each in every labkit)

Kit Number	CM201212-LAB1	CM252016-LAB1	CM322522-LAB1	CM453232-LAB1
Kit Photo				
Part Numbers	CM201212-3N9M CM201212-4N7M CM201212-5N6M CM201212-6N8M CM201212-8N2M CM201212-10NK CM201212-15NK CM201212-22NK CM201212-33NK CM201212-47NK CM201212-68NK CM201212-R10K CM201212-R15K CM201212-R22K CM201212-R33K CM201212-R47K CM201212-R68K	CM252016-10NK CM252016-15NK CM252016-22NK CM252016-33NK CM252016-47NK CM252016-68NK CM252016-R10K CM252016-R15K CM252016-R22M CM252016-R33M CM252016-R47M CM252016-R68M CM252016-1R0K CM252016-1R5K CM252016-2R2K CM252016-3R3K CM252016-4R7K	CM322522-R10M CM322522-R15M CM322522-R22M CM322522-R33M CM322522-R47M CM322522-R68M CM322522-1R0K CM322522-1R5K CM322522-2R2K CM322522-3R3K CM322522-4R7K CM322522-6R8K CM322522-100K CM322522-150K CM322522-220K CM322522-330K CM322522-470K	CM453232-R10M CM453232-R15M CM453232-R22M CM453232-R33M CM453232-R47M CM453232-R68M CM453232-1R0K CM453232-1R5K CM453232-2R2K CM453232-3R3K CM453232-4R7K CM453232-6R8K CM453232-100K CM453232-150K CM453232-220K CM453232-330K CM453232-470K




	CM201212-1R0K (30 of each in every labkit)	CM252016-6R8K CM252016-100K CM252016-150K CM252016-220K CM252016-330K CM252016-470K CM252016-680K CM252016-101K (20 of each in every labkit)	CM322522-680K CM322522-101K CM322522-151K CM322522-221K (10 of each in every labkit)	CM453232-680K CM453232-101K CM453232-151K CM453232-221K CM453232-331K CM453232-471K CM453232-681K CM453232-102K (10 of each in every labkit)
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Kit Number	CS160808-LAB1	CV201210-LAB1	CS321613-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)	CS321613-47NK CS321613-68NK CS321613-R10K CS321613-R15K CS321613-R22K CS321613-R33K CS321613-R47K CS321613-R68K CS321613-1R0K CS321613-1R5K CS321613-2R2K CS321613-3R3K CS321613-4R7K CS321613-6R8K CS321613-100K CS321613-150K CS321613-220K CS321613-330K (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	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	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	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	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

SRP1270-100M (2 of each in every labkit)	SRR1280-471K (2 of each in every labkit)	SRU1048-151Y (3 of each in every labkit)	SRU2016-101Y (3 of each in every labkit)
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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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