



This **Super Surface Mount Resistor Kit™** contains one type of these SMT resistors:

- 1206 1/4W 1%,** [See Resistor Information](#)
- 0805 1/8W 1%,** [See Resistor Information](#)
- 0603 1/10W 1%,** [See Resistor Information](#)
- 0402 1/16W 1%,** [See Resistor Information](#)

The kits have either **128 values** - all the EIA E-24 values (E-24 values $\pm 5\%$ *), as shown by **blue color** in the table, or **510 values** - all the EIA E-96 values (E-96 values $\pm 5\%$ *) + **29 additional values for extended range**, all the values in Table 1. All the resistor values are subject to Table 1. The amount of resistors per value for regular kits: 50PCs, 100PCs, 200PCs, or 500PCs, and, for [Differential Kits](#): 50PCs for rarely used values (**black font** in the table) and 300PCs for frequently used ones (**blue font**). The resistors are pre-sorted and stored separately in our unique sturdy snap-lock [Super SMT Component Enclosure™](#), which has **128 individually lidded compartments**, 0.87" (L) x 0.59" (W) x 0.63" (D) or 22 x 15 x 16 (mm), and each resistor value is printed clearly on each lid. The enclosure takes up the same surface space as a letter sized paper measuring only: **11" (L) x 8.5" (W) x 1.75" (H) or 280 x 216 x 45 (mm)**.

*Note: The selected resistor values are E-24 values $\pm 5\%$. For example, our selected resistor value is 2.49 Ω , while the E-24 value is 2.4 Ω .

Operating the enclosure is easy and convenient so that your time for obtaining a particular resistor is minimized to just seconds.

The kits can easily be placed on a work bench, put on a shelf, or transported to other sites, and are the best choice for building prototypes, doing experiments on new circuits, or reworking printed circuit boards.

We have documents showing resistance values on the lid vs. marking codes on the resistors, as below.

[Resistance vs. Marking Code-128 values](#)

[Resistance vs. Marking Code-510 values](#)

For more detailed information:

www.analogtechnologies.com

www.analogti.com

www.smtzone.com

www.smkits.com

E-mail us: staff@analogti.com



Table 1. The following tables show the resistance for the resistors.

1.00	10.0	100	1.00k	10.0k	100k	1.00M
0.00	10.2	102	1.02k	10.2k	102k	
0.10	10.5	105	1.05k	10.5k	105k	
0.50	10.7	107	1.07k	10.7k	107k	
	11.0	110	1.10k	11.0k	110k	
	11.3	113	1.13k	11.3k	113k	
	11.5	115	1.15k	11.5k	115k	
	11.8	118	1.18k	11.8k	118k	
	12.1	121	1.21k	12.1k	121k	
	12.4	124	1.24k	12.4k	124k	
	12.7	127	1.27k	12.7k	127k	
	13.0	130	1.30k	13.0k	130k	
	13.3	133	1.33k	13.3k	133k	
	13.7	137	1.37k	13.7k	137k	
	14.0	140	1.40k	14.0k	140k	
	14.3	143	1.43k	14.3k	143k	
	14.7	147	1.47k	14.7k	147k	
1.50	15.0	150	1.50k	15.0k	150k	1.50M
	15.4	154	1.54k	15.4k	154k	
	15.8	158	1.58k	15.8k	158k	
	16.2	162	1.62k	16.2k	162k	
	16.5	165	1.65k	16.5k	165k	
	16.9	169	1.69k	16.9k	169k	
	17.4	174	1.74k	17.4k	174k	
	17.8	178	1.78k	17.8k	178k	
	18.2	182	1.82k	18.2k	182k	
	18.7	187	1.87k	18.7k	187k	
	19.1	191	1.91k	19.1k	191k	
	19.6	196	1.96k	19.6k	196k	
2.00	20.0	200	2.00k	20.0k	200k	2.00M
	20.5	205	2.05k	20.5k	205k	
	21.0	210	2.10k	21.0k	210k	
	21.5	215	2.15k	21.5k	215k	
	22.1	221	2.21k	22.1k	221k	
	22.6	226	2.26k	22.6k	226k	
	23.2	232	2.32k	23.2k	232k	
	23.7	237	2.37k	23.7k	237k	
	24.3	243	2.43k	24.3k	243k	
2.49	24.9	249	2.49k	24.9k	249k	2.49M
	25.5	255	2.55k	25.5k	255k	
	26.1	261	2.61k	26.1k	261k	
	26.7	267	2.67k	26.7k	267k	
	27.4	274	2.74k	27.4k	274k	
	28.0	280	2.80k	28.0k	280k	
	28.7	287	2.87k	28.7k	287k	
	29.4	294	2.94k	29.4k	294k	

3.01	30.1	301	3.01k	30.1k	301k	3.01M
	30.9	309	3.09k	30.9k	309k	
	31.6	316	3.16k	31.6k	316k	
	32.4	324	3.24k	32.4k	324k	
	33.2	332	3.32k	33.2k	332k	
	34.0	340	3.40k	34.0k	340k	
	34.8	348	3.48k	34.8k	348k	
	35.7	357	3.57k	35.7k	357k	
	36.5	365	3.65k	36.5k	365k	
	37.4	374	3.74k	37.4k	374k	
	38.3	383	3.83k	38.3k	383k	
	39.2	392	3.92k	39.2k	392k	
4.02	40.2	402	4.02k	40.2k	402k	4.02M
	41.2	412	4.12k	41.2k	412k	
	42.2	422	4.22k	42.2k	422k	
	43.2	432	4.32k	43.2k	432k	
	44.2	442	4.42k	44.2k	442k	
	45.3	453	4.53k	45.3k	453k	
	46.4	464	4.64k	46.4k	464k	
	47.5	475	4.75k	47.5k	475k	
	48.7	487	4.87k	48.7k	487k	
4.99	49.9	499	4.99k	49.9k	499k	4.99M
	51.1	511	5.11k	51.1k	511k	
	52.3	523	5.23k	52.3k	523k	
	53.6	536	5.36k	53.6k	536k	
	54.9	549	5.49k	54.9k	549k	
	56.2	562	5.62k	56.2k	562k	
	57.6	576	5.76k	57.6k	576k	
5.90	59.0	590	5.90k	59.0k	590k	5.90M
	60.4	604	6.04k	60.4k	604k	
	61.9	619	6.19k	61.9k	619k	
	63.4	634	6.34k	63.4k	634k	
	64.9	649	6.49k	64.9k	649k	
	66.5	665	6.65k	66.5k	665k	
6.81	68.1	681	6.81k	68.1k	681k	6.81M
	69.8	698	6.98k	69.8k	698k	
	71.5	715	7.15k	71.5k	715k	
	73.2	732	7.32k	73.2k	732k	
7.50	75.0	750	7.50k	75.0k	750k	7.50M
	76.8	768	7.68k	76.8k	768k	
	78.7	787	7.87k	78.7k	787k	
	80.6	806	8.06k	80.6k	806k	
8.25	82.5	825	8.25k	82.5k	825k	8.25M
	84.5	845	8.45k	84.5k	845k	
	86.6	866	8.66k	86.6k	866k	
	88.7	887	8.87k	88.7k	887k	
9.09	90.9	909	9.09k	90.9k	909k	9.09M
	93.1	931	9.31k	93.1k	931k	10M
	95.3	953	9.53k	95.3k	953k	15M
	97.6	976	9.76k	97.6k	976k	20M