



This New Super Surface Mount Resistor Kit™ contains 0402 size SMT resistors, of either **196 values (1 kit)**, or **760 values (4 kits in a set)**, see the tables below.

0402 1/16W 1%: [See 196 Value Resistor Datasheet;](#)
[See 760 Value Resistor Datasheet.](#)

There are four combinations for the number of resistors per value in one kit:

20 PCs per value for rarely used values and 50 PCs per value for commonly used values;

40 PCs per value for rarely used values and 100 PCs per value for commonly used values;

50 PCs per value for rarely used values and 200 PCs per value for commonly used values;

100 PCs per value for rarely used values and 500 PCs per value for commonly used values;

The resistors are pre-sorted and stored separately in our unique sturdy snap-lock [New SMT Component Enclosure](#), which has **200 individually lidded compartments**:

0.52"(L)×0.71"(W)×0.39"(D); or,
 13.2mm(L)×18mm(W)×10mm(D).

Each resistor value is printed clearly on each lid. The enclosure takes up the same surface space as a letter size paper measuring only:

12.2"(L)×9.5"(W)×1.6"(H); or
309mm(L)×242mm(W)×40mm(H).

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

For more detailed information:

www.analogtechnologies.com
www.analogti.com
www.smtzone.com
www.smkits.com
 E-mail us: staff@analogti.com



Note: In the following tables, the values in blue are rarely used values.

The following tables show the resistance for the resistors.

Table 1. 196 values resistors

0Ω	0.1Ω	0.12Ω	0.15Ω	0.18Ω	0.2Ω	0.25Ω	0.3Ω	0.36Ω	0.43Ω	0.5Ω	0.62Ω	0.75Ω	0.91Ω	1Ω	1.1Ω	1.2Ω	1.3Ω	1.5Ω	1.8Ω
2Ω	2.2Ω	2.49Ω	2.7Ω	3Ω	3.3Ω	3.6Ω	4.02Ω	4.3Ω	4.7Ω	4.99Ω	5.6Ω	6.2Ω	6.8Ω	7.5Ω	8.2Ω	9.1Ω	10Ω	11Ω	12Ω
13Ω	15Ω	16.5Ω	18Ω	20Ω	22Ω	24.9Ω	27Ω	30Ω	33Ω	36Ω	40.2Ω	43Ω	47Ω	49.9Ω	56Ω	62Ω	68Ω	75Ω	82Ω
91Ω	100Ω	110Ω	120Ω	130Ω	150Ω	165Ω	180Ω	200Ω	220Ω	249Ω	270Ω	300Ω	330Ω	360Ω	402Ω	430Ω	470Ω	499Ω	560Ω
620Ω	680Ω	750Ω	820Ω	910Ω	1K	1.1K	1.2K	1.3K	1.5K	1.65K	1.8K	2K	2.2K	2.49K	2.7K	3K	3.3K	3.6K	4.02K
4.3K	4.7K	4.99K	5.6K	6.2K	6.8K	7.5K	8.2K	9.1K	10K	11K	12K	13K	15K	16.5K	18K	20K	22K	24.9K	27K
30K	33K	36K	40.2K	43K	47K	49.9K	56K	62K	68K	75K	82K	91K	100K	110K	120K	130K	150K	165K	180K
200K	220K	249K	270K	300K	330K	360K	402K	430K	470K	499K	560K	620K	680K	750K	820K	910K	1M	1.1M	1.2M
1.3M	1.5M	1.65M	1.8M	2M	2.2M	2.49M	2.7M	3M	3.3M	3.6M	4.02M	4.3M	4.7M	4.99M	5.6M	6.2M	6.8M	7.5M	8.2M
9.1M	10M	12M	15M	18M	20M	24.9M	30M	36M	40.2M	43M	49.9M	62M	82M	91M	100M				



Table 2. 760 values resistor kit: 1/4 set

0Ω	0.1Ω	0.11Ω	0.12Ω	0.13Ω	0.14Ω	0.15Ω	0.16Ω	0.18Ω	0.2Ω	0.22Ω	0.24Ω	0.25Ω	0.27Ω	0.3Ω	0.33Ω	0.36Ω	0.39Ω	0.4Ω	0.43Ω
0.47Ω	0.5Ω	0.56Ω	0.62Ω	0.68Ω	0.75Ω	0.82Ω	0.91Ω	1Ω	1.1Ω	1.2Ω	1.3Ω	1.4Ω	1.5Ω	1.6Ω	1.8Ω	2Ω	2.2Ω	2.4Ω	2.49Ω
2.7Ω	3Ω	3.3Ω	3.6Ω	3.9Ω	4.02Ω	4.3Ω	4.7Ω	4.99Ω	5.6Ω	6.2Ω	6.8Ω	7.5Ω	8.2Ω	9.1Ω					
10Ω	10.2Ω	10.5Ω	10.7Ω	11Ω	11.3Ω	11.5Ω	11.8Ω	12Ω	12.1Ω	12.4Ω	12.7Ω	13Ω	13.3Ω	13.7Ω	14Ω	14.3Ω	14.7Ω	15Ω	15.4Ω
15.8Ω	16Ω	16.2Ω	16.5Ω	16.9Ω	17.4Ω	17.8Ω	18Ω	18.2Ω	18.7Ω	19.1Ω	19.6Ω	20Ω	20.5Ω	21Ω	21.5Ω	22Ω	22.1Ω	22.6Ω	23.2Ω
23.7Ω	24Ω	24.3Ω	24.9Ω	25.5Ω	26.1Ω	26.7Ω	27Ω	27.4Ω	28Ω	28.7Ω	29.4Ω	30Ω	30.1Ω	30.9Ω	31.6Ω	32.4Ω	33Ω	33.2Ω	34Ω
34.8Ω	35.7Ω	36Ω	36.5Ω	37.4Ω	38.3Ω	39Ω	39.2Ω	40.2Ω	41.2Ω	42.2Ω	43Ω	43.2Ω	44.2Ω	45.3Ω	46.4Ω	47Ω	47.5Ω	48.7Ω	49.9Ω
51Ω	51.1Ω	52.3Ω	53.6Ω	54.9Ω	56Ω	56.2Ω	57.6Ω	59Ω	60.4Ω	61.9Ω	62Ω	63.4Ω	64.9Ω	66.5Ω	68Ω	68.1Ω	69.8Ω	71.5Ω	73.2Ω
75Ω	76.8Ω	78.7Ω	80.6Ω	82Ω	82.5Ω	84.5Ω	86.6Ω	88.7Ω	90.9Ω	91Ω	93.1Ω	95.3Ω	97.6Ω						
100Ω	102Ω	105Ω	107Ω	110Ω	113Ω	115Ω	118Ω	120Ω	121Ω	124Ω	127Ω	130Ω	133Ω	137Ω	140Ω	143Ω	147Ω	150Ω	154Ω



Table 3. 760 values resistor kit: 2/4 set

158Ω	160Ω	162Ω	165Ω	169Ω	174Ω	178Ω	180Ω	182Ω	187Ω	191Ω	196Ω	200Ω	205Ω	210Ω	215Ω	220Ω	221Ω	226Ω	232Ω
237Ω	240Ω	243Ω	249Ω	255Ω	261Ω	267Ω	270Ω	274Ω	280Ω	287Ω	294Ω	300Ω	301Ω	309Ω	316Ω	324Ω	330Ω	332Ω	340Ω
348Ω	357Ω	360Ω	365Ω	374Ω	383Ω	390Ω	392Ω	402Ω	412Ω	422Ω	430Ω	432Ω	442Ω	453Ω	464Ω	470Ω	475Ω	487Ω	499Ω
510Ω	511Ω	523Ω	536Ω	549Ω	560Ω	562Ω	576Ω	590Ω	604Ω	619Ω	620Ω	634Ω	649Ω	665Ω	680Ω	681Ω	698Ω	715Ω	732Ω
750Ω	768Ω	787Ω	806Ω	820Ω	825Ω	845Ω	866Ω	887Ω	909Ω	910Ω	931Ω	953Ω	976Ω						
1K	1.02K	1.05K	1.07K	1.1K	1.13K	1.15K	1.18K	1.2K	1.21K	1.24K	1.27K	1.3K	1.33K	1.37K	1.4K	1.43K	1.47K	1.5K	1.54K
1.58K	1.6K	1.62K	1.65K	1.69K	1.74K	1.78K	1.8K	1.82K	1.87K	1.91K	1.96K	2K	2.05K	2.1K	2.15K	2.2K	2.21K	2.26K	2.32K
2.37K	2.4K	2.43K	2.49K	2.55K	2.61K	2.67K	2.7K	2.74K	2.8K	2.87K	2.94K	3K	3.01K	3.09K	3.16K	3.24K	3.3K	3.32K	3.4K
3.48K	3.57K	3.6K	3.65K	3.74K	3.83K	3.9K	3.92K	4.02K	4.12K	4.22K	4.3K	4.32K	4.42K	4.53K	4.64K	4.7K	4.75K	4.87K	4.99K
5.1K	5.11K	5.23K	5.36K	5.49K	5.6K	5.62K	5.76K	5.9K	6.04K	6.19K	6.2K	6.34K	6.49K	6.65K	6.8K	6.81K	6.98K	7.15K	7.32K



Table 4. 760 values resistor kit: 3/4 set

7.5K	7.68K	7.87K	8.06K	8.2K	8.25K	8.45K	8.66K	8.87K	9.09K	9.1K	9.31K	9.53K	9.76K						
10K	10.2K	10.5K	10.7K	11K	11.3K	11.5K	11.8K	12K	12.1K	12.4K	12.7K	13K	13.3K	13.7K	14K	14.3K	14.7K	15K	15.4K
15.8K	16K	16.2K	16.5K	16.9K	17.4K	17.8K	18K	18.2K	18.7K	19.1K	19.6K	20K	20.5K	21K	21.5K	22K	22.1K	22.6K	23.2K
23.7K	24K	24.3K	24.9K	25.5K	26.1K	26.7K	27K	27.4K	28K	28.7K	29.4K	30K	30.1K	30.9K	31.6K	32.4K	33K	33.2K	34K
34.8K	35.7K	36K	36.5K	37.4K	38.3K	39K	39.2K	40.2K	41.2K	42.2K	43K	43.2K	44.2K	45.3K	46.4K	47K	47.5K	48.7K	49.9K
51K	51.1K	52.3K	53.6K	54.9K	56K	56.2K	57.6K	59K	60.4K	61.9K	62K	63.4K	64.9K	66.5K	68K	68.1K	69.8K	71.5K	73.2K
75K	76.8K	78.7K	80.6K	82K	82.5K	84.5K	86.6K	88.7K	90.9K	91K	93.1K	95.3K	97.6K						
100K	102K	105K	107K	110K	113K	115K	118K	120K	121K	124K	127K	130K	133K	137K	140K	143K	147K	150K	154K
158K	160K	162K	165K	169K	174K	178K	180K	182K	187K	191K	196K	200K	205K	210K	215K	220K	221K	226K	232K
237K	240K	243K	249K	255K	261K	267K	270K	274K	280K	287K	294K	300K	301K	309K	316K	324K	330K	332K	340K



Table 5. 760 values resistor kit: 4/4 set

348K	357K	360K	365K	374K	383K	390K	392K	402K	412K	422K	430K	432K	442K	453K	464K	470K	475K	487K	499K
510K	511K	523K	536K	549K	560K	562K	576K	590K	604K	619K	620K	634K	649K	665K	680K	681K	698K	715K	732K
750K	768K	787K	806K	820K	825K	845K	866K	887K	909K	910K	931K	953K	976K						
1M	1.02M	1.05M	1.07M	1.1M	1.13M	1.15M	1.18M	1.2M	1.21M	1.24M	1.27M	1.3M	1.33M	1.37M	1.4M	1.43M	1.47M	1.5M	1.54M
1.58M	1.6M	1.62M	1.65M	1.69M	1.74M	1.78M	1.8M	1.82M	1.87M	1.91M	1.96M	2M	2.05M	2.1M	2.15M	2.2M	2.21M	2.26M	2.32M
2.37M	2.4M	2.43M	2.49M	2.55M	2.61M	2.67M	2.7M	2.74M	2.8M	2.87M	2.94M	3M	3.01M	3.09M	3.16M	3.24M	3.3M	3.32M	3.4M
3.48M	3.57M	3.6M	3.65M	3.74M	3.83M	3.9M	3.92M	4.02M	4.12M	4.22M	4.3M	4.32M	4.42M	4.53M	4.64M	4.7M	4.75M	4.87M	4.99M
5.1M	5.11M	5.23M	5.36M	5.49M	5.6M	5.62M	5.76M	5.9M	6.04M	6.19M	6.2M	6.34M	6.49M	6.65M	6.8M	6.81M	6.98M	7.15M	7.32M
7.5M	7.68M	7.87M	8.06M	8.2M	8.25M	8.45M	8.66M	8.87M	9.09M	9.1M	9.31M	9.53M	9.76M						100M
10M	11M	12M	13M	14M	15M	16M	18M	20M	24.9M	30M	36M	40.2M	43M	49.9M	56M	62M	75M	82M	91M



NOTICE

1. ATI warrants performance of its products for one year to the specifications applicable at the time of sale, except for those being damaged by excessive abuse. Products found not meeting the specifications within one year from the date of sale can be exchanged free of charge.
2. ATI reserves the right to make changes to its products or to discontinue any product or service without notice, and advise customers to obtain the latest version of relevant information to verify, before placing orders, that information being relied on is current and complete.
3. All products are sold subject to the terms and conditions of sale supplied at the time of order acknowledgment, including those pertaining to warranty, patent infringement, and limitation of liability. Testing and other quality control techniques are utilized to the extent ATI deems necessary to support this warranty. Specific testing of all parameters of each device is not necessarily performed, except those mandated by government requirements.
4. Customers are responsible for their applications using ATI components. In order to minimize risks associated with the customers' applications, adequate design and operating safeguards must be provided by the customers to minimize inherent or procedural hazards. ATI assumes no liability for applications assistance or customer product design.
5. ATI does not warrant or represent that any license, either express or implied, is granted under any patent right, copyright, mask work right, or other intellectual property right of ATI covering or relating to any combination, machine, or process in which such products or services might be or are used. ATI's publication of information regarding any third party's products or services does not constitute ATI's approval, warranty or endorsement thereof.
6. IP (Intellectual Property) Ownership: ATI retains the ownership of full rights for special technologies and/or techniques embedded in its products, the designs for mechanics, optics, plus all modifications, improvements, and inventions made by ATI for its products and/or projects.