

!! FREE COMPONENTS FOR PROTOTYPES !!

Lieber Kunde,

wir werden folgende Bauteile bei jeder Bestellung von Prototypenbestückung kostenlos zur Verfügung stellen.

WEEng GmbH

Bitte beachten Sie folgende Bedingungen:

1. Die Bauteile müssen auf der Platine von uns bestückt werden.
2. "Prototypenbestückung" ist definiert als eine Bestellung mit maximal 25 einzelnen Leiterplatten.
3. Die "Miscellaneous Components" (siehe letzte Absatz) sind kostenlos solange Vorrat reicht.
4. Alle Angaben ohne Gewähr. Für Druckfehler wird keine Haftung übernommen.
5. Wir behalten uns vor, diese Liste jederzeit und ohne vorherige Ankündigung zu ändern.

Dear Customer,

we will provide the following components free-of-charge when you place a "Prototype Assembly" order.

Please note, that a few terms and conditions apply:

1. The components must be assembled by us on the PCB.
2. "Prototype Assembly" is defined as an order with maximum 25 single PCB boards.
3. The "Miscellaneous" components (see last section) are free-of-charge subject to availability.
4. We do not accept liability for printing errors and mistakes.
5. We reserve the right to change or update this list at any time and without prior notice.

CAPACITORS - SMD 0402

Value	Material	Tol. (%)	Voltage (V)	Package		
1N	X7R	±10%	50	0402		
10N	X7R	±10%	50	0402		
100N	X7R	±10%	16	0402		

CAPACITORS - SMD 0603

Value	Material	Tol. (%)	Voltage (V)	Package		
1P	C0G	±0.1pF	50V	0603		
1P5	C0G	±0.1pF	50V	0603		
2P2	C0G	±0.1pF	50V	0603		
3P3	C0G	±0.25pF	50V	0603		
4P7	C0G	±0.25pF	50V	0603		
6P8	C0G	±0.25pF	50V	0603		
8P2	C0G	±0.25pF	50V	0603		
10P	C0G	±0.25pF	50V	0603		
15P	C0G	±5%	50V	0603		
22P	C0G	±5%	50V	0603		
27P	C0G	±5%	50V	0603		
33P	C0G	±5%	50V	0603		
47P	C0G	±5%	50V	0603		
68P	C0G	±5%	50V	0603		
82P	C0G	±5%	50V	0603		
100P	C0G	±5%	50V	0603		
150P	C0G	±5%	50V	0603		
220P	C0G	±5%	50V	0603		
270P	C0G	±5%	50V	0603		
330P	C0G	±5%	50V	0603		
470P	C0G	±5%	50V	0603		

680P	X7R	±10%	50V	0603		
820P	X7R	±10%	50V	0603		
1N	X7R	±10%	50V	0603		
1N5	X7R	±10%	50V	0603		
2N2	X7R	±10%	50V	0603		
3N3	X7R	±10%	50V	0603		
4N7	X7R	±10%	50V	0603		
6N8	X7R	±10%	50V	0603		
8N2	X7R	±10%	50V	0603		
10N	X7R	±10%	50V	0603		
15N	X7R	±10%	50V	0603		
22N	X7R	±10%	50V	0603		
33N	X7R	±10%	50V	0603		
47N	X7R	±10%	50V	0603		
68N	X7R	±10%	50V	0603		
82N	X7R	±10%	50V	0603		
100N	X7R	±10%	50V	0603		
150N	X7R	±10%	50V	0603		
220N	X7R	±10%	50V	0603		
330N	X7R	±10%	50V	0603		
470N	X5R	±10%	25V	0603		
680N	X5R	±10%	50V	0603		
1U	X5R	±10%	25V	0603		
2U2	X5R	±10%	16V	0603		
4U7	X5R	±10%	6.3V	0603		
10U	X5R	±20%	6.3V	0603		

CAPACITORS - SMD 0805

Value	Material	Tol. (%)	Voltage (V)	Package		
1P	C0G	±0.1pF	50V	0805		
1P5	C0G	±0.1pF	50V	0805		
2P2	C0G	±0.1pF	50V	0805		
3P3	C0G	±0.25pF	50V	0805		
4P7	C0G	±0.25pF	50V	0805		
6P8	C0G	±0.25pF	50V	0805		
8P2	C0G	±0.25pF	50V	0805		
10P	C0G	±0.25pF	50V	0805		
15P	C0G	±5%	50V	0805		
22P	C0G	±5%	50V	0805		
33P	C0G	±5%	50V	0805		
47P	C0G	±5%	50V	0805		
68P	C0G	±5%	50V	0805		
82P	C0G	±5%	50V	0805		
100P	C0G	±5%	50V	0805		
150P	C0G	±5%	50V	0805		
220P	C0G	±5%	50V	0805		
270P	C0G	±5%	50V	0805		
330P	C0G	±5%	50V	0805		
470P	C0G	±5%	50V	0805		
680P	X7R	±10%	50V	0805		
820P	X7R	±10%	50V	0805		
1N	X7R	±10%	50V	0805		
1N5	X7R	±10%	50V	0805		
2N2	X7R	±10%	50V	0805		
3N3	X7R	±10%	50V	0805		

4N7	X7R	±10%	50V	0805		
6N8	X7R	±10%	50V	0805		
8N2	X7R	±10%	50V	0805		
10N	X7R	±10%	50V	0805		
15N	X7R	±10%	50V	0805		
22N	X7R	±10%	50V	0805		
33N	X7R	±10%	50V	0805		
47N	X7R	±10%	50V	0805		
68N	X7R	±10%	50V	0805		
82N	X7R	±10%	50V	0805		
100N	X7R	±10%	50V	0805		
150N	X7R	±10%	50V	0805		
220N	X7R	±10%	50V	0805		
330N	X7R	±10%	50V	0805		
470N	X7R	±10%	50V	0805		
680N	X5R	±10%	50V	0805		
1U	X5R	±10%	25V	0805		
2U2	X5R	±10%	16V	0805		
4U7	X5R	±10%	10V	0805		
10U	X5R	±20%	6.3V	0805		

RESISTORS - SMD 0402

Value	Material	Tol. (%)	Voltage (V)	TC (ppm/°C)	Package	
0R	thick film	-	50	-	0402	
1R0	thick film	±1%	50	200	0402	
1R1	thick film	±1%	50	200	0402	
1R2	thick film	±1%	50	200	0402	
1R3	thick film	±1%	50	200	0402	
1R5	thick film	±1%	50	200	0402	
1R6	thick film	±1%	50	200	0402	
1R8	thick film	±1%	50	200	0402	
2R0	thick film	±1%	50	200	0402	
2R2	thick film	±1%	50	200	0402	
2R4	thick film	±1%	50	200	0402	
2R7	thick film	±1%	50	200	0402	
3R0	thick film	±1%	50	200	0402	
3R3	thick film	±1%	50	200	0402	
3R6	thick film	±1%	50	200	0402	
3R9	thick film	±1%	50	200	0402	
4R3	thick film	±1%	50	200	0402	
4R7	thick film	±1%	50	200	0402	
5R1	thick film	±1%	50	200	0402	
5R6	thick film	±1%	50	200	0402	
6R2	thick film	±1%	50	200	0402	
6R8	thick film	±1%	50	200	0402	
7R5	thick film	±1%	50	200	0402	
8R2	thick film	±1%	50	200	0402	
9R1	thick film	±1%	50	200	0402	
10R	thick film	±1%	50	100	0402	
11R	thick film	±1%	50	100	0402	
12R	thick film	±1%	50	100	0402	
13R	thick film	±1%	50	100	0402	
15R	thick film	±1%	50	100	0402	
16R	thick film	±1%	50	100	0402	
18R	thick film	±1%	50	100	0402	

20R	thick film	±1%	50	100	0402	
22R	thick film	±1%	50	100	0402	
24R	thick film	±1%	50	100	0402	
27R	thick film	±1%	50	100	0402	
30R	thick film	±1%	50	100	0402	
33R	thick film	±1%	50	100	0402	
36R	thick film	±1%	50	100	0402	
39R	thick film	±1%	50	100	0402	
43R	thick film	±1%	50	100	0402	
47R	thick film	±1%	50	100	0402	
51R	thick film	±1%	50	100	0402	
56R	thick film	±1%	50	100	0402	
62R	thick film	±1%	50	100	0402	
68R	thick film	±1%	50	100	0402	
75R	thick film	±1%	50	100	0402	
82R	thick film	±1%	50	100	0402	
91R	thick film	±1%	50	100	0402	
100R	thick film	±1%	50	100	0402	
110R	thick film	±1%	50	100	0402	
120R	thick film	±1%	50	100	0402	
130R	thick film	±1%	50	100	0402	
150R	thick film	±1%	50	100	0402	
160R	thick film	±1%	50	100	0402	
180R	thick film	±1%	50	100	0402	
200R	thick film	±1%	50	100	0402	
220R	thick film	±1%	50	100	0402	
240R	thick film	±1%	50	100	0402	
270R	thick film	±1%	50	100	0402	
300R	thick film	±1%	50	100	0402	
330R	thick film	±1%	50	100	0402	
360R	thick film	±1%	50	100	0402	
390R	thick film	±1%	50	100	0402	
430R	thick film	±1%	50	100	0402	
470R	thick film	±1%	50	100	0402	
510R	thick film	±1%	50	100	0402	
549R	thick film	±1%	50	100	0402	
560R	thick film	±1%	50	100	0402	
620R	thick film	±1%	50	100	0402	
649R	thick film	±1%	50	100	0402	
680R	thick film	±1%	50	100	0402	
750R	thick film	±1%	50	100	0402	
820R	thick film	±1%	50	100	0402	
910R	thick film	±1%	50	100	0402	
1K0	thick film	±1%	50	100	0402	
1K02	thick film	±1%	50	100	0402	
1K1	thick film	±1%	50	100	0402	
1K2	thick film	±1%	50	100	0402	
1K3	thick film	±1%	50	100	0402	
1K5	thick film	±1%	50	100	0402	
1K6	thick film	±1%	50	100	0402	
1K8	thick film	±1%	50	100	0402	
2K	thick film	±1%	50	100	0402	
2K2	thick film	±1%	50	100	0402	
2K4	thick film	±1%	50	100	0402	
2K7	thick film	±1%	50	100	0402	
3K	thick film	±1%	50	100	0402	

3K3	thick film	±1%	50	100	0402	
3K6	thick film	±1%	50	100	0402	
3K9	thick film	±1%	50	100	0402	
4K3	thick film	±1%	50	100	0402	
4K7	thick film	±1%	50	100	0402	
5K1	thick film	±1%	50	100	0402	
5K6	thick film	±1%	50	100	0402	
6K2	thick film	±1%	50	100	0402	
6K8	thick film	±1%	50	100	0402	
7K5	thick film	±1%	50	100	0402	
8K2	thick film	±1%	50	100	0402	
9K09	thick film	±1%	50	100	0402	
9K1	thick film	±1%	50	100	0402	
9K76	thick film	±1%	50	100	0402	
10K	thick film	±1%	50	100	0402	
11K	thick film	±1%	50	100	0402	
12K	thick film	±1%	50	100	0402	
12K7	thick film	±1%	50	100	0402	
13K	thick film	±1%	50	100	0402	
15K	thick film	±1%	50	100	0402	
15K8	thick film	±1%	50	100	0402	
16K	thick film	±1%	50	100	0402	
18K	thick film	±1%	50	100	0402	
20K	thick film	±1%	50	100	0402	
22K	thick film	±1%	50	100	0402	
24K	thick film	±1%	50	100	0402	
25K5	thick film	±1%	50	100	0402	
27K	thick film	±1%	50	100	0402	
30K	thick film	±1%	50	100	0402	
33K	thick film	±1%	50	100	0402	
36K	thick film	±1%	50	100	0402	
36K5	thick film	±1%	50	100	0402	
39K	thick film	±1%	50	100	0402	
43K	thick film	±1%	50	100	0402	
47K	thick film	±1%	50	100	0402	
49K9	thick film	±1%	50	100	0402	
51K	thick film	±1%	50	100	0402	
56K	thick film	±1%	50	100	0402	
62K	thick film	±1%	50	100	0402	
68K	thick film	±1%	50	100	0402	
75K	thick film	±1%	50	100	0402	
82K	thick film	±1%	50	100	0402	
91K	thick film	±1%	50	100	0402	
100K	thick film	±1%	50	100	0402	
110K	thick film	±1%	50	100	0402	
120K	thick film	±1%	50	100	0402	
130K	thick film	±1%	50	100	0402	
147K	thick film	±1%	50	100	0402	
150K	thick film	±1%	50	100	0402	
160K	thick film	±1%	50	100	0402	
180K	thick film	±1%	50	100	0402	
200K	thick film	±1%	50	100	0402	
220K	thick film	±1%	50	100	0402	
240K	thick film	±1%	50	100	0402	
270K	thick film	±1%	50	100	0402	
300K	thick film	±1%	50	100	0402	

330K	thick film	±1%	50	100	0402	
360K	thick film	±1%	50	100	0402	
390K	thick film	±1%	50	100	0402	
430K	thick film	±1%	50	100	0402	
470K	thick film	±1%	50	100	0402	
499K	thick film	±1%	50	100	0402	
510K	thick film	±1%	50	100	0402	
560K	thick film	±1%	50	100	0402	
620K	thick film	±1%	50	100	0402	
680K	thick film	±1%	50	100	0402	
750K	thick film	±1%	50	100	0402	
820K	thick film	±1%	50	100	0402	
910K	thick film	±1%	50	100	0402	
1M	thick film	±1%	50	100	0402	
1M1	thick film	±1%	50	100	0402	
1M2	thick film	±1%	50	100	0402	
1M3	thick film	±1%	50	100	0402	
1M5	thick film	±1%	50	100	0402	
1M6	thick film	±1%	50	100	0402	
1M8	thick film	±1%	50	100	0402	
2M	thick film	±1%	50	100	0402	
2M2	thick film	±1%	50	100	0402	
2M4	thick film	±1%	50	100	0402	
2M7	thick film	±1%	50	100	0402	
3M	thick film	±1%	50	100	0402	
3M3	thick film	±1%	50	100	0402	
3M6	thick film	±1%	50	100	0402	
3M9	thick film	±1%	50	100	0402	
4M3	thick film	±1%	50	100	0402	
4M7	thick film	±1%	50	100	0402	
5M1	thick film	±1%	50	100	0402	
5M6	thick film	±1%	50	100	0402	
6M2	thick film	±1%	50	100	0402	
6M8	thick film	±1%	50	100	0402	
7M5	thick film	±1%	50	100	0402	
8M2	thick film	±1%	50	100	0402	
9M1	thick film	±1%	50	100	0402	
10M	thick film	±1%	50	100	0402	

RESISTORS - SMD 0603

Value	Material	Tol. (%)	Voltage (V)	TC (ppm/°C)	Package	
0R	thick film	-	50	-	0603	
1R0	thick film	±1%	50	200	0603	
1R1	thick film	±1%	50	200	0603	
1R2	thick film	±1%	50	200	0603	
1R3	thick film	±1%	50	200	0603	
1R5	thick film	±1%	50	200	0603	
1R6	thick film	±1%	50	200	0603	
1R8	thick film	±1%	50	200	0603	
2R0	thick film	±1%	50	200	0603	
2R2	thick film	±1%	50	200	0603	
2R4	thick film	±1%	50	200	0603	
2R7	thick film	±1%	50	200	0603	
3R0	thick film	±1%	50	200	0603	
3R3	thick film	±1%	50	200	0603	

3R6	thick film	±1%	50	200	0603	
3R9	thick film	±1%	50	200	0603	
4R3	thick film	±1%	50	200	0603	
4R7	thick film	±1%	50	200	0603	
5R1	thick film	±1%	50	200	0603	
5R6	thick film	±1%	50	200	0603	
6R2	thick film	±1%	50	200	0603	
6R8	thick film	±1%	50	200	0603	
7R5	thick film	±1%	50	200	0603	
8R2	thick film	±1%	50	200	0603	
9R1	thick film	±1%	50	200	0603	
10R	thick film	±1%	50	100	0603	
11R	thick film	±1%	50	100	0603	
12R	thick film	±1%	50	100	0603	
13R	thick film	±1%	50	100	0603	
15R	thick film	±1%	50	100	0603	
16R	thick film	±1%	50	100	0603	
18R	thick film	±1%	50	100	0603	
20R	thick film	±1%	50	100	0603	
22R	thick film	±1%	50	100	0603	
24R	thick film	±1%	50	100	0603	
27R	thick film	±1%	50	100	0603	
30R	thick film	±1%	50	100	0603	
33R	thick film	±1%	50	100	0603	
36R	thick film	±1%	50	100	0603	
39R	thick film	±1%	50	100	0603	
43R	thick film	±1%	50	100	0603	
47R	thick film	±1%	50	100	0603	
49R9	thick film	±1%	50	100	0603	
51R	thick film	±1%	50	100	0603	
56R	thick film	±1%	50	100	0603	
62R	thick film	±1%	50	100	0603	
68R	thick film	±1%	50	100	0603	
75R	thick film	±1%	50	100	0603	
82R	thick film	±1%	50	100	0603	
91R	thick film	±1%	50	100	0603	
100R	thick film	±1%	50	100	0603	
110R	thick film	±1%	50	100	0603	
120R	thick film	±1%	50	100	0603	
130R	thick film	±1%	50	100	0603	
150R	thick film	±1%	50	100	0603	
160R	thick film	±1%	50	100	0603	
180R	thick film	±1%	50	100	0603	
200R	thick film	±1%	50	100	0603	
220R	thick film	±1%	50	100	0603	
240R	thick film	±1%	50	100	0603	
270R	thick film	±1%	50	100	0603	
300R	thick film	±1%	50	100	0603	
330R	thick film	±1%	50	100	0603	
360R	thick film	±1%	50	100	0603	
390R	thick film	±1%	50	100	0603	
430R	thick film	±1%	50	100	0603	
470R	thick film	±1%	50	100	0603	
510R	thick film	±1%	50	100	0603	
560R	thick film	±1%	50	100	0603	
620R	thick film	±1%	50	100	0603	

680R	thick film	±1%	50	100	0603	
750R	thick film	±1%	50	100	0603	
820R	thick film	±1%	50	100	0603	
910R	thick film	±1%	50	100	0603	
1K0	thick film	±1%	50	100	0603	
1K02	thick film	±1%	50	100	0603	
1K1	thick film	±1%	50	100	0603	
1K2	thick film	±1%	50	100	0603	
1K3	thick film	±1%	50	100	0603	
1K5	thick film	±1%	50	100	0603	
1K6	thick film	±1%	50	100	0603	
1K8	thick film	±1%	50	100	0603	
2K	thick film	±1%	50	100	0603	
2K2	thick film	±1%	50	100	0603	
2K4	thick film	±1%	50	100	0603	
2K7	thick film	±1%	50	100	0603	
3K	thick film	±1%	50	100	0603	
3K3	thick film	±1%	50	100	0603	
3K6	thick film	±1%	50	100	0603	
3K9	thick film	±1%	50	100	0603	
4K3	thick film	±1%	50	100	0603	
4K7	thick film	±1%	50	100	0603	
5K1	thick film	±1%	50	100	0603	
5K6	thick film	±1%	50	100	0603	
6K2	thick film	±1%	50	100	0603	
6K8	thick film	±1%	50	100	0603	
7K5	thick film	±1%	50	100	0603	
8K2	thick film	±1%	50	100	0603	
9K1	thick film	±1%	50	100	0603	
10K	thick film	±1%	50	100	0603	
11K	thick film	±1%	50	100	0603	
12K	thick film	±1%	50	100	0603	
12K7	thick film	±1%	50	100	0603	
13K	thick film	±1%	50	100	0603	
15K	thick film	±1%	50	100	0603	
16K	thick film	±1%	50	100	0603	
18K	thick film	±1%	50	100	0603	
20K	thick film	±1%	50	100	0603	
22K	thick film	±1%	50	100	0603	
24K	thick film	±1%	50	100	0603	
27K	thick film	±1%	50	100	0603	
30K	thick film	±1%	50	100	0603	
33K	thick film	±1%	50	100	0603	
36K	thick film	±1%	50	100	0603	
39K	thick film	±1%	50	100	0603	
43K	thick film	±1%	50	100	0603	
47K	thick film	±1%	50	100	0603	
51K	thick film	±1%	50	100	0603	
56K	thick film	±1%	50	100	0603	
62K	thick film	±1%	50	100	0603	
68K	thick film	±1%	50	100	0603	
75K	thick film	±1%	50	100	0603	
82K	thick film	±1%	50	100	0603	
91K	thick film	±1%	50	100	0603	
100K	thick film	±1%	50	100	0603	
110K	thick film	±1%	50	100	0603	

120K	thick film	±1%	50	100	0603	
130K	thick film	±1%	50	100	0603	
150K	thick film	±1%	50	100	0603	
160K	thick film	±1%	50	100	0603	
180K	thick film	±1%	50	100	0603	
200K	thick film	±1%	50	100	0603	
220K	thick film	±1%	50	100	0603	
240K	thick film	±1%	50	100	0603	
270K	thick film	±1%	50	100	0603	
300K	thick film	±1%	50	100	0603	
330K	thick film	±1%	50	100	0603	
360K	thick film	±1%	50	100	0603	
390K	thick film	±1%	50	100	0603	
430K	thick film	±1%	50	100	0603	
470K	thick film	±1%	50	100	0603	
510K	thick film	±1%	50	100	0603	
560K	thick film	±1%	50	100	0603	
620K	thick film	±1%	50	100	0603	
680K	thick film	±1%	50	100	0603	
750K	thick film	±1%	50	100	0603	
820K	thick film	±1%	50	100	0603	
910K	thick film	±1%	50	100	0603	
1M	thick film	±1%	50	100	0603	
1M1	thick film	±1%	50	100	0603	
1M2	thick film	±1%	50	100	0603	
1M3	thick film	±1%	50	100	0603	
1M5	thick film	±1%	50	100	0603	
1M6	thick film	±1%	50	100	0603	
1M8	thick film	±1%	50	100	0603	
2M	thick film	±1%	50	100	0603	
2M2	thick film	±1%	50	100	0603	
2M4	thick film	±1%	50	100	0603	
2M7	thick film	±1%	50	100	0603	
3M	thick film	±1%	50	100	0603	
3M3	thick film	±1%	50	100	0603	
3M6	thick film	±1%	50	100	0603	
3M9	thick film	±1%	50	100	0603	
4M3	thick film	±1%	50	100	0603	
4M7	thick film	±1%	50	100	0603	
5M1	thick film	±1%	50	100	0603	
5M6	thick film	±1%	50	100	0603	
6M2	thick film	±1%	50	100	0603	
6M8	thick film	±1%	50	100	0603	
7M5	thick film	±1%	50	100	0603	
8M2	thick film	±1%	50	100	0603	
9M1	thick film	±1%	50	100	0603	
10M	thick film	±1%	50	100	0603	

RESISTORS - SMD 0805						
Value	Material	Tol. (%)	Voltage (V)	TC (ppm/°C)	Package	
0R	thick film	-	50	-	0805	
1R0	thick film	±1%	50	200	0805	
1R1	thick film	±1%	50	200	0805	
1R2	thick film	±1%	50	200	0805	
1R3	thick film	±1%	50	200	0805	

1R5	thick film	±1%	50	200	0805	
1R6	thick film	±1%	50	200	0805	
1R8	thick film	±1%	50	200	0805	
2R0	thick film	±1%	50	200	0805	
2R2	thick film	±1%	50	200	0805	
2R4	thick film	±1%	50	200	0805	
2R7	thick film	±1%	50	200	0805	
3R0	thick film	±1%	50	200	0805	
3R3	thick film	±1%	50	200	0805	
3R6	thick film	±1%	50	200	0805	
3R9	thick film	±1%	50	200	0805	
4R3	thick film	±1%	50	200	0805	
4R7	thick film	±1%	50	200	0805	
5R1	thick film	±1%	50	200	0805	
5R6	thick film	±1%	50	200	0805	
6R2	thick film	±1%	50	200	0805	
6R8	thick film	±1%	50	200	0805	
7R5	thick film	±1%	50	200	0805	
8R2	thick film	±1%	50	200	0805	
9R1	thick film	±1%	50	200	0805	
10R	thick film	±1%	50	100	0805	
11R	thick film	±1%	50	100	0805	
12R	thick film	±1%	50	100	0805	
13R	thick film	±1%	50	100	0805	
15R	thick film	±1%	50	100	0805	
16R	thick film	±1%	50	100	0805	
18R	thick film	±1%	50	100	0805	
20R	thick film	±1%	50	100	0805	
22R	thick film	±1%	50	100	0805	
24R	thick film	±1%	50	100	0805	
27R	thick film	±1%	50	100	0805	
30R	thick film	±1%	50	100	0805	
33R	thick film	±1%	50	100	0805	
36R	thick film	±1%	50	100	0805	
39R	thick film	±1%	50	100	0805	
43R	thick film	±1%	50	100	0805	
47R	thick film	±1%	50	100	0805	
51R	thick film	±1%	50	100	0805	
56R	thick film	±1%	50	100	0805	
62R	thick film	±1%	50	100	0805	
68R	thick film	±1%	50	100	0805	
75R	thick film	±1%	50	100	0805	
82R	thick film	±1%	50	100	0805	
91R	thick film	±1%	50	100	0805	
100R	thick film	±1%	50	100	0805	
110R	thick film	±1%	50	100	0805	
120R	thick film	±1%	50	100	0805	
130R	thick film	±1%	50	100	0805	
150R	thick film	±1%	50	100	0805	
160R	thick film	±1%	50	100	0805	
180R	thick film	±1%	50	100	0805	
200R	thick film	±1%	50	100	0805	
220R	thick film	±1%	50	100	0805	
240R	thick film	±1%	50	100	0805	
270R	thick film	±1%	50	100	0805	
300R	thick film	±1%	50	100	0805	

330R	thick film	±1%	50	100	0805	
360R	thick film	±1%	50	100	0805	
390R	thick film	±1%	50	100	0805	
430R	thick film	±1%	50	100	0805	
470R	thick film	±1%	50	100	0805	
499R	thick film	±1%	50	100	0805	
510R	thick film	±1%	50	100	0805	
560R	thick film	±1%	50	100	0805	
620R	thick film	±1%	50	100	0805	
680R	thick film	±1%	50	100	0805	
750R	thick film	±1%	50	100	0805	
820R	thick film	±1%	50	100	0805	
910R	thick film	±1%	50	100	0805	
1K0	thick film	±1%	50	100	0805	
1K1	thick film	±1%	50	100	0805	
1K2	thick film	±1%	50	100	0805	
1K3	thick film	±1%	50	100	0805	
1K5	thick film	±1%	50	100	0805	
1K6	thick film	±1%	50	100	0805	
1K8	thick film	±1%	50	100	0805	
2K	thick film	±1%	50	100	0805	
2K2	thick film	±1%	50	100	0805	
2K4	thick film	±1%	50	100	0805	
2K7	thick film	±1%	50	100	0805	
3K	thick film	±1%	50	100	0805	
3K3	thick film	±1%	50	100	0805	
3K6	thick film	±1%	50	100	0805	
3K9	thick film	±1%	50	100	0805	
4K3	thick film	±1%	50	100	0805	
4K7	thick film	±1%	50	100	0805	
5K1	thick film	±1%	50	100	0805	
5K6	thick film	±1%	50	100	0805	
6K2	thick film	±1%	50	100	0805	
6K8	thick film	±1%	50	100	0805	
7K5	thick film	±1%	50	100	0805	
8K2	thick film	±1%	50	100	0805	
9K1	thick film	±1%	50	100	0805	
10K	thick film	±1%	50	100	0805	
11K	thick film	±1%	50	100	0805	
12K	thick film	±1%	50	100	0805	
13K	thick film	±1%	50	100	0805	
15K	thick film	±1%	50	100	0805	
16K	thick film	±1%	50	100	0805	
18K	thick film	±1%	50	100	0805	
20K	thick film	±1%	50	100	0805	
22K	thick film	±1%	50	100	0805	
23K2	thick film	±1%	50	100	0805	
24K	thick film	±1%	50	100	0805	
27K	thick film	±1%	50	100	0805	
30K	thick film	±1%	50	100	0805	
33K	thick film	±1%	50	100	0805	
36K	thick film	±1%	50	100	0805	
39K	thick film	±1%	50	100	0805	
43K	thick film	±1%	50	100	0805	
47K	thick film	±1%	50	100	0805	
51K	thick film	±1%	50	100	0805	

56K	thick film	±1%	50	100	0805	
62K	thick film	±1%	50	100	0805	
68K	thick film	±1%	50	100	0805	
75K	thick film	±1%	50	100	0805	
82K	thick film	±1%	50	100	0805	
91K	thick film	±1%	50	100	0805	
100K	thick film	±1%	50	100	0805	
110K	thick film	±1%	50	100	0805	
120K	thick film	±1%	50	100	0805	
130K	thick film	±1%	50	100	0805	
150K	thick film	±1%	50	100	0805	
160K	thick film	±1%	50	100	0805	
180K	thick film	±1%	50	100	0805	
200K	thick film	±1%	50	100	0805	
220K	thick film	±1%	50	100	0805	
240K	thick film	±1%	50	100	0805	
270K	thick film	±1%	50	100	0805	
300K	thick film	±1%	50	100	0805	
330K	thick film	±1%	50	100	0805	
360K	thick film	±1%	50	100	0805	
390K	thick film	±1%	50	100	0805	
430K	thick film	±1%	50	100	0805	
470K	thick film	±1%	50	100	0805	
510K	thick film	±1%	50	100	0805	
560K	thick film	±1%	50	100	0805	
620K	thick film	±1%	50	100	0805	
680K	thick film	±1%	50	100	0805	
750K	thick film	±1%	50	100	0805	
820K	thick film	±1%	50	100	0805	
910K	thick film	±1%	50	100	0805	
1M	thick film	±1%	50	100	0805	
1M1	thick film	±1%	50	100	0805	
1M2	thick film	±1%	50	100	0805	
1M3	thick film	±1%	50	100	0805	
1M5	thick film	±1%	50	100	0805	
1M6	thick film	±1%	50	100	0805	
1M8	thick film	±1%	50	100	0805	
2M	thick film	±1%	50	100	0805	
2M2	thick film	±1%	50	100	0805	
2M4	thick film	±1%	50	100	0805	
2M7	thick film	±1%	50	100	0805	
3M	thick film	±1%	50	100	0805	
3M3	thick film	±1%	50	100	0805	
3M6	thick film	±1%	50	100	0805	
3M9	thick film	±1%	50	100	0805	
4M3	thick film	±1%	50	100	0805	
4M7	thick film	±1%	50	100	0805	
5M1	thick film	±1%	50	100	0805	
5M6	thick film	±1%	50	100	0805	
6M2	thick film	±1%	50	100	0805	
6M8	thick film	±1%	50	100	0805	
7M5	thick film	±1%	50	100	0805	
8M2	thick film	±1%	50	100	0805	
9M1	thick film	±1%	50	100	0805	
10M	thick film	±1%	50	100	0805	

RESISTORS - SMD 1206

Value	Material	Tol. (%)	Voltage (V)	TC (ppm/°C)	Package
0R	thick film		50	-	1206
10K	thick film	±1%	50	100	1206
100K	thick film	±1%	50	100	1206
6R8			50		1206
18R			50		1206
35R7			50		1206
51R1			50		1206
100R			50		1206
221R			50		1206
270R			50		1206
560R			50		1206
825R			50		1206
1K2			50		1206
2K2			50		1206
3K3			50		1206
4K99			50		1206
5K6			50		1206
6K8			50		1206
8K2			50		1206
11K			50		1206
12K1			50		1206
15K			50		1206
18K			50		1206
22K			50		1206
22K1			50		1206
27K			50		1206
30K			50		1206
33K2			50		1206
39K2			50		1206
43K2			50		1206
44K2			50		1206
47K			50		1206
51K			50		1206
56K2			50		1206
68K			50		1206
82K			50		1206
130K			50		1206
150K			50		1206
200K			50		1206
220K			50		1206
274K			50		1206
301K			50		1206
560K			50		1206
680K			50		1206
1M			50		1206
1M5			50		1206
2M7			50		1206
3M3			50		1206

RESISTORS - MELF 0204

Value	Material	Tol. (%)	Voltage (V)	TC (ppm/°C)	Package
0R					Melf 0204

10R					Melf 0204	
22R					Melf 0204	
182R					Melf 0204	
220R					Melf 0204	
249R					Melf 0204	
330R					Melf 0204	
1K5					Melf 0204	
1K62					Melf 0204	
2K49					Melf 0204	
3K3					Melf 0204	
5K11					Melf 0204	
20K					Melf 0204	
23K7					Melf 0204	
31K6					Melf 0204	
33K					Melf 0204	
37K					Melf 0204	
39K					Melf 0204	
47K					Melf 0204	
49K9					Melf 0204	
51K					Melf 0204	
54K9					Melf 0204	
61K9					Melf 0204	
187K					Melf 0204	
220K					Melf 0204	
330K					Melf 0204	
2M2					Melf 0204	

DIODES - SMD

Part	Package	Vol. (V)	Curr. (mA)	Comment	Manufacturer	Manufacturer Code
MMBD914LT1G	SOT23	100	200	high speed	On Semiconductor	MMBD914LT1G

TRANSISTORS - SMD

Part	Package	Type	Voltage (V)	Current (mA)	Manufacturer	Manufacturer Code
PMBT3904	SOT23	NPN	40	200	NXP	PMBT3904
PMBT3906	SOT23	PNP	40	200	NXP	PMBT3906

MISCELLANEOUS COMPONENTS

these components are subject to availability - please ask before ordering

Part	Comments	Manufacturer	Manufacturer Code
1.5uH 42A	SMD Shielded Power Inductor	Vishay	IHLP6767GZGZER1R5M01
4.7uH 12A	SMD Shielded Power Inductor	Bourns	SRP1250-4R7
Switch SMD	SMD Push Switch SPST	Diptronics	DTSM-61R-V
LED Display	7-Segment LED, common-cathode, bright red	Kingbright	SC56-11EWA
LED Display	7-Segment LED, common-cathode, bright red	Kingbright	SC36-11HWA
RFD16N05	Mosfet N-Channel 50V 16A 47mR DPAK	Fairchild	RFD16N05LSM
ZXGD3002E6	Mosfet Gate Driver 9A SOT236	Zetex/Diodes Inc	ZXGD3002-E6TA
LT1999	High Voltage, Bidirectional Current Sense Amplifier	Linear Tech	LT1999IS8-10
SFH610A-3	Optocoupler, Phototransistor Output	Vishay	SFH610A-3
BC856BW	Transistor PNP 65V 0.1A SOT323	NXP	BC856BW
MAX7219	8-Digit LED Display Driver SO24-Wide	Maxim	MAX7219CWG
XC9572XL	CPLD 72 I/Os 10ns TQFP100	Xilinx	XC9572XL TQG100