

#	Pos	Part	Value	Package/Case	Tol.	Volt/Power	Vendor	Description	Manufacturer	Product	Website
1	1	R506	5.1 Ohms	0603	1%	75V/100mW	Mouser Electronics	Dickfilmresistoren - SMD	5.1 kOhms 100 Yages	RC0603F5-07581L	https://www.mouser.de/ProductDetail/603-RC0603F5-07581L
2	2	R500, R508	10 Ohms	0603	1%	75V/100mW	Mouser Electronics	Dickfilmresistoren - SMD	10 Ohms 100m Yages	RC0603F5-07100L	https://www.mouser.de/ProductDetail/603-RC0603F5-07100L
3	3	R502, R504, R506, R508	49.9 Ohms	0603	1%	75V/100mW	Mouser Electronics	Dickfilmresistoren - SMD	49.9 kOhms 100 Yages	RC0603F5-07499R	https://www.mouser.de/ProductDetail/603-RC0603F5-07499R
4	4	R508, R508, R510, R511, R512, R501, R509, R510	75 Ohms	0603	1%	75V/100mW	Mouser Electronics	Dickfilmresistoren - SMD	75 Ohms 100 Y Yages	RC0603F5-07750L	https://www.mouser.de/ProductDetail/603-RC0603F5-07750L
5	5	R507, R507	100 Ohms	0603	1%	75V/100mW	Mouser Electronics	Dickfilmresistoren - SMD	100 Ohms 100 Yages	RC0603F5-07100R	https://www.mouser.de/ProductDetail/603-RC0603F5-07100R
6	6	R510, R509	160 Ohms	0603	1%	75V/100mW	Mouser Electronics	Dickfilmresistoren - SMD	160 Ohms 100 Yages	RC0603F5-07160R	https://www.mouser.de/ProductDetail/603-RC0603F5-07160R
7	7	R503, R503	270 Ohms	0603	1%	75V/100mW	Mouser Electronics	Dickfilmresistoren - SMD	270 Ohms 100 Yages	RC0603F5-07270R	https://www.mouser.de/ProductDetail/603-RC0603F5-07270R
8	8	R501, R501	330 Ohms	0603	1%	75V/100mW	Mouser Electronics	Dickfilmresistoren - SMD	330 Ohms 100 Yages	RC0603F5-07330R	https://www.mouser.de/ProductDetail/603-RC0603F5-07330R
9	9	R500, R501	680 Ohms	0603	1%	75V/100mW	Mouser Electronics	Dickfilmresistoren - SMD	680 Ohms 100 Yages	RC0603F5-07680R	https://www.mouser.de/ProductDetail/603-RC0603F5-07680R
10	10	R511, R500, R511, R512, R513, R514, R515, R516, R517, R518, R519, R520, R521, R522	1k	0603	1%	75V/100mW	Mouser Electronics	Dickfilmresistoren - SMD	1 kOhms 100m Yages	RC0603F5-071K	https://www.mouser.de/ProductDetail/603-RC0603F5-071K
11	11	R559	1.8k	0603	1%	75V/100mW	Mouser Electronics	Dickfilmresistoren - SMD	1.8 kOhms 100 Yages	RC0603F5-07180L	https://www.mouser.de/ProductDetail/603-RC0603F5-07180L
12	12	R504, R504, R504, R502, R503, R507, R510, R501, R502	2.2k	0603	1%	75V/100mW	Mouser Electronics	Dickfilmresistoren - SMD	2.2 kOhms 100 Yages	RC0603F5-07220L	https://www.mouser.de/ProductDetail/603-RC0603F5-07220L
13	13	R500, R501	5.1k	0603	1%	75V/100mW	Mouser Electronics	Dickfilmresistoren - SMD	5.1 kOhms 100 Yages	RC0603F5-07510L	https://www.mouser.de/ProductDetail/603-RC0603F5-07510L
14	14	R506, R506, R507, R508, R503, R504, R505, R507, R508, R523	10k	0603	1%	75V/100mW	Mouser Electronics	Dickfilmresistoren - SMD	10 kOhms 100 Yages	RC0603F5-0710K	https://www.mouser.de/ProductDetail/603-RC0603F5-0710K
15	15	R505, R505	22k	0603	1%	75V/100mW	Mouser Electronics	Dickfilmresistoren - SMD	22 kOhms 100 Yages	RC0603F5-07220L	https://www.mouser.de/ProductDetail/603-RC0603F5-07220L
16	16	R510, R509	47k	0603	1%	75V/100mW	Mouser Electronics	Dickfilmresistoren - SMD	47 kOhms 100 Yages	RC0603F5-07470L	https://www.mouser.de/ProductDetail/603-RC0603F5-07470L
17	17	R504, R506	1M	0603	1%	75V/100mW	Mouser Electronics	Dickfilmresistoren - SMD	1 MOhms 100m Yages	RC0603F5-071M	https://www.mouser.de/ProductDetail/603-RC0603F5-071M
18	18	C100, C200	4.7uF	0603		50VDCG	Mouser Electronics	Kondensator aus mehreren Keramikschicht Murata Electronics	GRM1885C1H4627RA01	https://www.mouser.de/ProductDetail/603-GRM1885C1H4627RA01	
19	19	C301, C302, C313, C314	22uF	0603	5%	50VDCG	Mouser Electronics	Kondensator aus mehreren Keramikschicht Murata Electronics	GRM1885C1H220AA01	https://www.mouser.de/ProductDetail/603-GRM1885C1H220AA01	
20	20	C111, C211	750uF	0603	5%	50VDCG	Mouser Electronics	Kondensator aus mehreren Keramikschicht Murata Electronics	GRM1885C1H751AA01	https://www.mouser.de/ProductDetail/603-GRM1885C1H751AA01	
21	21	C101, C201	1.5uF	0603	10%	50VDCR	Mouser Electronics	Kondensator aus mehreren Keramikschicht Murata Electronics	GCJ188R71E152KA10	https://www.mouser.de/ProductDetail/603-GCJ188R71E152KA10	
22	22	C105, C205	2.2uF	0603	10%	25VXTR	Mouser Electronics	Kondensator aus mehreren Keramikschicht Murata Electronics	GCJ188R71E22KA10	https://www.mouser.de/ProductDetail/603-GCJ188R71E22KA10	
23	23	C112, C212	3.3uF	0603	10%	25VXTR	Mouser Electronics	Kondensator aus mehreren Keramikschicht Murata Electronics	GCJ188R71E33KA10	https://www.mouser.de/ProductDetail/603-GCJ188R71E33KA10	
24	24	C102, C202	6.8uF	0603	10%	25VXTR	Mouser Electronics	Kondensator aus mehreren Keramikschicht Murata Electronics	GCJ188R71E68KA10	https://www.mouser.de/ProductDetail/603-GCJ188R71E68KA10	
25	25	C103, C203, C400	12uF	0603	10%	25VXTR	Mouser Electronics	Kondensator aus mehreren Keramikschicht Murata Electronics	GCJ188R71E12KA10	https://www.mouser.de/ProductDetail/603-GCJ188R71E12KA10	
26	26	C104, C204	22uF	0603	10%	25VXTR	Mouser Electronics	Kondensator aus mehreren Keramikschicht Murata Electronics	GCJ188R71E22KA10	https://www.mouser.de/ProductDetail/603-GCJ188R71E22KA10	
27	27	C300, C501, C503, C505, C507, C511, C512, C514, C516, C800, C801, C802, C803, C804, C805, C808, C809, C812	100uF	0603	5%	25VXTR	Mouser Electronics	Kondensator aus mehreren Keramikschicht Yapo	CC0603JRX7R68B104	https://www.mouser.de/ProductDetail/603-CC0603JRX7R68B104	
28	28	C108, C107, C108, C109, C110, C206, C207, C208, C209, C210, C509, C806, C807	1uF	0603	10%	25VXTR	Mouser Electronics	Kondensator aus mehreren Keramikschicht Yapo	CC0603JRX7R68B106	https://www.mouser.de/ProductDetail/603-CC0603JRX7R68B106	
29	29	C303, C506, C508, C513, C513, C515, C515, C517, C517, C518	10uF	0606	10%	25VXTR	Mouser Electronics	Kondensator aus mehreren Keramikschicht Taiyo Yuden	YMC1J88L106K1G	https://www.mouser.de/ProductDetail/603-YMC1J88L106K1G	
30	30	C504, C517	47uF	1210	20%	10VXOR	Mouser Electronics	Kondensator aus mehreren Keramikschicht Taiyo Yuden	EMK325BL476MMP	https://www.mouser.de/ProductDetail/603-EMK325BL476MMP	
31	31	F500	60 Ohm	0805	25%	3.3A/50mOhms	Mouser Electronics	Festplatten 50 Ohm 25% Alternate Sizing Murata Electronics	BL-M1PQ50R08	https://www.mouser.de/ProductDetail/603-BL-M1PQ50R08	
32	32	F501, F502, F503	220 Ohm	0805	25%	2A/50mOhms	Mouser Electronics	Festplatten 220 Ohm 25% Alternate Sizing Murata Electronics	BL-M1PQ2218N10	https://www.mouser.de/ProductDetail/603-BL-M1PQ2218N10	
33	33	F400, F401	1.8k	0603	25%	50mVA/50m	Mouser Electronics	Festplatten 1500 Ohm 25% INCTAI NM Murata Electronics	BL-M18E16SC1D	https://www.mouser.de/ProductDetail/603-BL-M18E16SC1D	
34	34	L400	770H	0603	5%	30mVA/40m	Mouser Electronics	HF Induktivitäten - SMD WL-MQ 2724 G Würth Elektronik	747R0020	https://www.mouser.de/ProductDetail/603-747R0020	
35	35	L300	150H	1507	10%	20mVA/3250	Mouser Electronics	Leistungsinduktivitäten - SMD RPL-CMT P2 Taiyo Yuden	CR0218T100K	https://www.mouser.de/ProductDetail/603-CR0218T100K	
36	36	L104, L204	22uH	1507	10%	10mVA/600	Mouser Electronics	Leistungsinduktivitäten - SMD RPL-CMT P2 Taiyo Yuden	CR0218T20K	https://www.mouser.de/ProductDetail/603-CR0218T20K	
37	37	L100, L200	330uH	1507	10%	40mVA/10m	Mouser Electronics	Leistungsinduktivitäten - SMD RPL-CMT P2 Taiyo Yuden	CR0218T31K	https://www.mouser.de/ProductDetail/603-CR0218T31K	
38	38	L101, L201	470uH	1507	10%	25mVA/30m	Mouser Electronics	Leistungsinduktivitäten - SMD RPL-CMT P2 Taiyo Yuden	CR0218T47K	https://www.mouser.de/ProductDetail/603-CR0218T47K	
39	39	L102, L202	1mH	1507	10%	25mVA/10m	Mouser Electronics	Leistungsinduktivitäten - SMD RPL-CMT P2 Taiyo Yuden	CR0218T100K	https://www.mouser.de/ProductDetail/603-CR0218T100K	
40	40	IC502	ADA4891	SOIC23-6			Mouser Electronics	Hochgeschwindigkeits-Operationsverstärker Analog Devices Inc.	ADA4891-1ARJZ-R7	https://www.mouser.de/ProductDetail/603-ADA4891-1ARJZ-R7	
41	41	IC503	ENC28J60	SOIC-28			Mouser Electronics	Ethernet-IC 8/10/100 MACCAPY Ethern Microchip	ENC28J60-ISO	https://www.mouser.de/ProductDetail/603-ENC28J60-ISO	
42	42	IC500, IC504	LM93A9	SOIC-23-6			Mouser Electronics	LDO Spannungs-Regulator 1-A, low-dropout, Texas Instruments	LM93A9MPK3-10NP6	https://www.mouser.de/ProductDetail/603-LM93A9MPK3-10NP6	
43	43	IC501	MC2000A-4YML-TR	SOIC23-6			Mouser Electronics	Leistungsrichter IC - Leistungsrichter A Micronix	MC2000A-4YML-TR	https://www.mouser.de/ProductDetail/603-MC2000A-4YML-TR	
44	44	IC501	TLV7033	SOIC23-5			Mouser Electronics	LDO Spannungs-Regulator 200mA Low-Drop Texas Instruments	TLV7033QCP	https://www.mouser.de/ProductDetail/603-TLV7033QCP	
45	45	IC500	STM32F40XX	LQFP100			Mouser Electronics	ARM Mikrocontroller - MCU ARM Cortex M STM32microchips	STM32F407VGT8	https://www.mouser.de/ProductDetail/603-STM32F407VGT8	
46	46	IC100, IC101, IC200, IC201	MC2000A-4YML-TR	SOIC23-6			Mouser Electronics	Leistungsrichter 2-Can, 10-MHz SRP - Microchip	MC2000A-4YML-TR	https://www.mouser.de/ProductDetail/603-MC2000A-4YML-TR	
47	47	IC300	MAX-M105				Mouser Electronics	GNSS - GPS Module u-blox M105 GNSS mc u-blox	MAX-M105-008	https://www.mouser.de/ProductDetail/603-MAX-M105-008	
48	48	LED3-FALV1, LED3-ALARM	LED Red	CHIP-LED0805			Mouser Electronics	Standard-LEDs - SMD WL-SMCW SMDMA Würth Elektronik	1500805VS0000	https://www.mouser.de/ProductDetail/603-1500805VS0000	
49	49	LED3-NIP, LED3-PIRE, LED3-CTR, LED3-ETH, LED3-NET, LED3-MODE	LED Green	CHIP-LED0805			Mouser Electronics	Standard-LEDs - SMD WL-SMCW SMDMA Würth Elektronik	1500805VS0000	https://www.mouser.de/ProductDetail/603-1500805VS0000	
50	50	LED7-GRN	LED Yellow	CHIP-LED0805			Mouser Electronics	Standard-LEDs - SMD WL-SMCW SMDMA Würth Elektronik	1500805VS0000	https://www.mouser.de/ProductDetail/603-1500805VS0000	
51	51	LED3-GN28	LED Blue	CHIP-LED0805			Mouser Electronics	Standard-LEDs - SMD WL-SMCW SMDMA Würth Elektronik	1500805VS0000	https://www.mouser.de/ProductDetail/603-1500805VS0000	
52	52	T1	BC847	SOIC23			Mouser Electronics	Bedarstransistoren - BJT 100mV 50V NPN ON Semiconductor	BC847AL1G	https://www.mouser.de/ProductDetail/603-BC847AL1G	
53	1	USB-C					Mouser Electronics	USB-Stecker USB Type C 2.0, Rec-SMT	USB4105-GF-A	https://www.mouser.de/ProductDetail/603-USB4105-GF-A	