Reference(s)	Value	LibPart	Footprint	Bauteil	Link
C1	220p	Device:C	Capacitor_THT:C_Rect_L7.2mm_W4.5mm_P5.00mm_FKS2_FKP2_MKS2_MKP2	FKP2-630 220P Folienkondensator, 220pF, 630V, RM5	https://www.reichelt.de/folienkondensator-220pf-630v-rm5-fkp2-630-220p-p31938.html?&trstct=pol_2&nbc=1
C2	47Âµ	Device:C_Polarized	Capacitor_THT:CP_Radial_D5.0mm_P2.00mm	FR-A 47U 25 Elko, radial, 47µF, 25V, RM5, 105°C, 5000h, 20%	https://www.reichelt.de/elko-radial-47-f-25v-rm5-105-c-5000h-20--fr-a-47u-25-p228763.html?&trstct=pol_5&nbc=1
C3	220n	Device:C	Capacitor_THT:C_Rect_L18.0mm_W9.0mm_P15.00mm_FKS3_FKP3	MKP4-630 220N Folienkondensator, 220nF, 630V, RM15	https://www.reichelt.de/folienkondensator-220nf-630v-rm15-mkp4-630-220n-p173035.html?&trstct=pol_3&nbc=1
C4	10n	Device:C	Capacitor_THT:C_Rect_L10.0mm_W3.0mm_P7.50mm_MKS4	MKP4-630 10N Folienkondensator, 10nF, 630V, RM7,5	https://www.reichelt.de/folienkondensator-10nf-630v-rm7-5-mkp4-630-10n-p173020.html?&trstct=pol_0&nbc=1
C5	1n	Device:C	Capacitor_THT:C_Rect_L7.2mm_W3.0mm_P5.00mm_FKS2_FKP2_MKS2_MKP2	MKP2-630 1,0N Folienkondensator, 1,0nF, 630V, RM5	https://www.reichelt.de/folienkondensator-1-0nf-630v-rm5-mkp2-630-1-0n-p172738.html?&trstct=pol_0&nbc=1
C6	1n	Device:C	Capacitor_THT:C_Rect_L7.2mm_W3.0mm_P5.00mm_FKS2_FKP2_MKS2_MKP2	MKP2-630 1,0N Folienkondensator, 1,0nF, 630V, RM5	https://www.reichelt.de/folienkondensator-1-0nf-630v-rm5-mkp2-630-1-0n-p172738.html?&trstct=pol_0&nbc=1
C7	680p	Device:C	Capacitor_THT:C_Rect_L7.2mm_W4.5mm_P5.00mm_FKS2_FKP2_MKS2_MKP2	FKP2-630 680P Folienkondensator, 680pF, 630V, RM5	https://www.reichelt.de/folienkondensator-680pf-630v-rm5-fkp2-630-680p-p172522.html?&trstct=pol_3&nbc=1
C8	1Âµ	Device:C_Polarized	Capacitor_THT:CP_Radial_D10.0mm_P5.00mm	RAD FR 1.000/25 Elko radial, 1.000µF, 25V, 105°C, low ESR	https://www.reichelt.de/elko-radial-1-000-f-25v-105-c-low-esr-rad-fr-1-000-25-p121261.html?&trstct=pol_2&nbc=1
C9	1Âµ	Device:C_Polarized	Capacitor_THT:CP_Radial_D10.0mm_P5.00mm	RAD FR 1.000/25 Elko radial, 1.000µF, 25V, 105°C, low ESR	https://www.reichelt.de/elko-radial-1-000-f-25v-105-c-low-esr-rad-fr-1-000-25-p121261.html?&trstct=pol_2&nbc=1
C10	4.7n	Device:C	Capacitor_THT:C_Rect_L7.2mm_W3.0mm_P5.00mm_FKS2_FKP2_MKS2_MKP2	MKP2-630 4,7N Folienkondensator, 4,7nF, 630V, RM5	https://www.reichelt.de/folienkondensator-4-7nf-630v-rm5-mkp2-630-4-7n-p172742.html?&trstct=pol_0&nbc=1
C11	2.2n	Device:C	Capacitor_THT:C_Rect_L7.2mm_W3.0mm_P5.00mm_FKS2_FKP2_MKS2_MKP2	MKP2-630 2,2N Folienkondensator, 2,2nF, 630V, RM5	https://www.reichelt.de/folienkondensator-2-2nf-630v-rm5-mkp2-630-2-2n-p172740.html?&trstct=pol_0&nbc=1
C12	470p	Device:C	Capacitor_THT:C_Rect_L7.2mm_W4.5mm_P5.00mm_FKS2_FKP2_MKS2_MKP2	FKP2-630 470P Folienkondensator, 470pF, 630V, RM5	https://www.reichelt.de/folienkondensator-470pf-630v-rm5-fkp2-630-470p-p172519.html?&trstct=pol_4&nbc=1
C13	68p	Device:C	Capacitor_THT:C_Rect_L7.2mm_W4.5mm_P5.00mm_FKS2_FKP2_MKS2_MKP2	FKP2-1000 68P Folienkondensator, 68pF, 1000V, RM5	https://www.reichelt.de/folienkondensator-68pf-1000v-rm5-fkp2-1000-68p-p172529.html?&trstct=pol_0&nbc=1
C14	2.2n	Device:C	Capacitor_THT:C_Rect_L7.2mm_W3.0mm_P5.00mm_FKS2_FKP2_MKS2_MKP2	MKP2-630 2,2N Folienkondensator, 2,2nF, 630V, RM5	https://www.reichelt.de/folienkondensator-2-2nf-630v-rm5-mkp2-630-2-2n-p172740.html?&trstct=pol_0&nbc=1
C15	220p	Device:C	Capacitor_THT:C_Rect_L7.2mm_W4.5mm_P5.00mm_FKS2_FKP2_MKS2_MKP2	FKP2-630 220P Folienkondensator, 220pF, 630V, RM5	https://www.reichelt.de/folienkondensator-220pf-630v-rm5-fkp2-630-220p-p31938.html?&trstct=pol_2&nbc=1
C16	1Âµ	Device:C_Polarized	Capacitor_THT:CP_Radial_D10.0mm_P5.00mm	RAD FR 1.000/25 Elko radial, 1.000µF, 25V, 105°C, low ESR	https://www.reichelt.de/elko-radial-1-000-f-25v-105-c-low-esr-rad-fr-1-000-25-p121261.html?&trstct=pol_2&nbc=1
C17	220p	Device:C	Capacitor_THT:C_Rect_L7.2mm_W4.5mm_P5.00mm_FKS2_FKP2_MKS2_MKP2	FKP2-630 220P Folienkondensator, 220pF, 630V, RM5	https://www.reichelt.de/folienkondensator-220pf-630v-rm5-fkp2-630-220p-p31938.html?&trstct=pol_2&nbc=1
C18	4.7n	Device:C	Capacitor_THT:C_Rect_L7.2mm_W3.0mm_P5.00mm_FKS2_FKP2_MKS2_MKP2	MKP2-630 4,7N Folienkondensator, 4,7nF, 630V, RM5	https://www.reichelt.de/folienkondensator-4-7nf-630v-rm5-mkp2-630-4-7n-p172742.html?&trstct=pol_0&nbc=1
C19	2.2Âµ	Device:C_Polarized	Capacitor_THT:CP_Radial_D5.0mm_P2.00mm	EB-A 2,2U 50 Elko, radial, 2,2µF, 50V, RM2, 105°C, 5000h, 20%	https://www.reichelt.de/elko-radial-2-2-f-50v-rm2-105-c-5000h-20--eb-a-2-2u-50-p228693.html?&trstct=pol_0&nbc=1
C20	220n	Device:C	Capacitor_THT:C_Rect_L18.0mm_W9.0mm_P15.00mm_FKS3_FKP3	MKP4-630 220N Folienkondensator, 220nF, 630V, RM15	https://www.reichelt.de/folienkondensator-220nf-630v-rm15-mkp4-630-220n-p173035.html?&trstct=pol_3&nbc=1
C21	10n	Device:C	Capacitor_THT:C_Rect_L7.2mm_W4.5mm_P5.00mm_FKS2_FKP2_MKS2_MKP2	MKP2-630 10N Folienkondensator, 10nF, 630V, RM5	https://www.reichelt.de/folienkondensator-10nf-630v-rm5-mkp2-630-10n-p172744.html?&trstct=pol_2&nbc=1
C22	22n	Device:C	Capacitor_THT:C_Rect_L7.2mm_W5.5mm_P5.00mm_FKS2_FKP2_MKS2_MKP2	MKP2-630 22N Folienkondensator, 22nF, 630V, RM5	https://www.reichelt.de/folienkondensator-22nf-630v-rm5-mkp2-630-22n-p172746.html?&trstct=pol_2&nbc=1
C23	22n	Device:C	Capacitor_THT:C_Rect_L7.2mm_W5.5mm_P5.00mm_FKS2_FKP2_MKS2_MKP2	MKP2-630 22N Folienkondensator, 22nF, 630V, RM5	https://www.reichelt.de/folienkondensator-22nf-630v-rm5-mkp2-630-22n-p172746.html?&trstct=pol_2&nbc=1
C24	22n	Device:C	Capacitor_THT:C_Rect_L7.2mm_W5.5mm_P5.00mm_FKS2_FKP2_MKS2_MKP2	MKP2-630 22N Folienkondensator, 22nF, 630V, RM5	https://www.reichelt.de/folienkondensator-22nf-630v-rm5-mkp2-630-22n-p172746.html?&trstct=pol_2&nbc=1
C25	22n	Device:C	Capacitor_THT:C_Rect_L7.2mm_W5.5mm_P5.00mm_FKS2_FKP2_MKS2_MKP2	MKP2-630 22N Folienkondensator, 22nF, 630V, RM5	https://www.reichelt.de/folienkondensator-22nf-630v-rm5-mkp2-630-22n-p172746.html?&trstct=pol_2&nbc=1
C26	22n	Device:C	Capacitor_THT:C_Rect_L7.2mm_W5.5mm_P5.00mm_FKS2_FKP2_MKS2_MKP2	MKP2-630 22N Folienkondensator, 22nF, 630V, RM5	https://www.reichelt.de/folienkondensator-22nf-630v-rm5-mkp2-630-22n-p172746.html?&trstct=pol_2&nbc=1
C27	22n	Device:C	Capacitor_THT:C_Rect_L7.2mm_W5.5mm_P5.00mm_FKS2_FKP2_MKS2_MKP2	MKP2-630 22N Folienkondensator, 22nF, 630V, RM5	https://www.reichelt.de/folienkondensator-22nf-630v-rm5-mkp2-630-22n-p172746.html?&trstct=pol_2&nbc=1
C28	22n	Device:C	Capacitor_THT:C_Rect_L7.2mm_W5.5mm_P5.00mm_FKS2_FKP2_MKS2_MKP2	MKP2-630 22N Folienkondensator, 22nF, 630V, RM5	https://www.reichelt.de/folienkondensator-22nf-630v-rm5-mkp2-630-22n-p172746.html?&trstct=pol_2&nbc=1
C29	22n	Device:C	Capacitor_THT:C_Rect_L7.2mm_W5.5mm_P5.00mm_FKS2_FKP2_MKS2_MKP2	MKP2-630 22N Folienkondensator, 22nF, 630V, RM5	https://www.reichelt.de/folienkondensator-22nf-630v-rm5-mkp2-630-22n-p172746.html?&trstct=pol_2&nbc=1
C30	560p	Device:C	Capacitor_THT:C_Disc_D7.5mm_W2.5mm_P5.00mm	KERKO-500 560P Keramik-Kondensator, 500V, 560P	https://www.reichelt.de/keramik-kondensator-500v-560p-kerko-500-560p-p9346.html?&trstct=pol_1&nbc=1
C31	560p	Device:C	Capacitor_THT:C_Disc_D7.5mm_W2.5mm_P5.00mm	KERKO-500 560P Keramik-Kondensator, 500V, 560P	https://www.reichelt.de/keramik-kondensator-500v-560p-kerko-500-560p-p9346.html?&trstct=pol_1&nbc=1
C32	560p	Device:C	Capacitor_THT:C_Disc_D7.5mm_W2.5mm_P5.00mm	KERKO-500 560P Keramik-Kondensator, 500V, 560P	https://www.reichelt.de/keramik-kondensator-500v-560p-kerko-500-560p-p9346.html?&trstct=pol_1&nbc=1
C33	560p	Device:C	Capacitor_THT:C_Disc_D7.5mm_W2.5mm_P5.00mm	KERKO-500 560P Keramik-Kondensator, 500V, 560P	https://www.reichelt.de/keramik-kondensator-500v-560p-kerko-500-560p-p9346.html?&trstct=pol_1&nbc=1
C34	220n	Device:C	Capacitor_THT:C_Rect_L18.0mm_W9.0mm_P15.00mm_FKS3_FKP3	MKP4-630 220N Folienkondensator, 220nF, 630V, RM15	https://www.reichelt.de/folienkondensator-220nf-630v-rm15-mkp4-630-220n-p173035.html?&trstct=pol_3&nbc=1
C35	22n	Device:C	Capacitor_THT:C_Rect_L7.2mm_W5.5mm_P5.00mm_FKS2_FKP2_MKS2_MKP2	MKP2-630 22N Folienkondensator, 22nF, 630V, RM5	https://www.reichelt.de/folienkondensator-22nf-630v-rm5-mkp2-630-22n-p172746.html?&trstct=pol_2&nbc=1
C36	22n	Device:C	Capacitor_THT:C_Rect_L7.2mm_W5.5mm_P5.00mm_FKS2_FKP2_MKS2_MKP2	MKP2-630 22N Folienkondensator, 22nF, 630V, RM5	https://www.reichelt.de/folienkondensator-22nf-630v-rm5-mkp2-630-22n-p172746.html?&trstct=pol_2&nbc=1
C37	100n	Device:C	Capacitor_THT:C_Rect_L18.0mm_W7.0mm_P15.00mm_FKS3_FKP3	MKP4-630 100N Folienkondensator, 100nF, 630V, RM15	https://www.reichelt.de/folienkondensator-100nf-630v-rm15-mkp4-630-100n-p173032.html?&trstct=pol_1&nbc=1
C38	100n	Device:C	Capacitor_THT:C_Rect_L18.0mm_W7.0mm_P15.00mm_FKS3_FKP3	MKP4-630 100N Folienkondensator, 100nF, 630V, RM15	https://www.reichelt.de/folienkondensator-100nf-630v-rm15-mkp4-630-100n-p173032.html?&trstct=pol_1&nbc=1
C39	22n	Device:C	Capacitor_THT:C_Rect_L7.2mm_W5.5mm_P5.00mm_FKS2_FKP2_MKS2_MKP2	MKP2-630 22N Folienkondensator, 22nF, 630V, RM5	https://www.reichelt.de/folienkondensator-22nf-630v-rm5-mkp2-630-22n-p172746.html?&trstct=pol_2&nbc=1
C40	100n	Device:C	Capacitor_THT:C_Rect_L18.0mm_W7.0mm_P15.00mm_FKS3_FKP3	MKP4-630 100N Folienkondensator, 100nF, 630V, RM15	https://www.reichelt.de/folienkondensator-100nf-630v-rm15-mkp4-630-100n-p173032.html?&trstct=pol_1&nbc=1
C41	100p	Device:C	Capacitor_THT:C_Rect_L7.2mm_W4.5mm_P5.00mm_FKS2_FKP2_MKS2_MKP2	FKP2-630 100P Folienkondensator, 100pF, 630V, RM5	https://www.reichelt.de/folienkondensator-100pf-630v-rm5-fkp2-630-100p-p31936.html?&trstct=pol_3&nbc=1
C42	2.2Âµ	Device:C	Capacitor_THT:C_Rect_L31.5mm_W15.0mm_P27.50mm_MKS4	MKP4-400 2,2µ Folienkondensator, 2,2µF, 400V, RM27,5	https://www.reichelt.de/folienkondensator-2-2-f-400v-rm27-5-mkp4-400-2-2--p173014.html?&trstct=pol_1&nbc=1
C43	22n	Device:C	Capacitor_THT:C_Rect_L7.2mm_W5.5mm_P5.00mm_FKS2_FKP2_MKS2_MKP2	MKP2-630 22N Folienkondensator, 22nF, 630V, RM5	https://www.reichelt.de/folienkondensator-22nf-630v-rm5-mkp2-630-22n-p172746.html?&trstct=pol_2&nbc=1
C44	22n	Device:C	Capacitor_THT:C_Rect_L7.2mm_W5.5mm_P5.00mm_FKS2_FKP2_MKS2_MKP2	MKP2-630 22N Folienkondensator, 22nF, 630V, RM5	https://www.reichelt.de/folienkondensator-22nf-630v-rm5-mkp2-630-22n-p172746.html?&trstct=pol_2&nbc=1
C45	1Âµ	Device:C	Capacitor_THT:C_Rect_L26.5mm_W11.5mm_P22.50mm_MKS4	MKP4-400 1,0µ Folienkondensator, 1,0µF, 400V, RM22,5	https://www.reichelt.de/folienkondensator-1-0-f-400v-rm22-5-mkp4-400-1-0--p173011.html?&trstct=pol_1&nbc=1
C46	100n	Device:C	Capacitor_THT:C_Rect_L18.0mm_W7.0mm_P15.00mm_FKS3_FKP3	MKP4-630 100N Folienkondensator, 100nF, 630V, RM15	https://www.reichelt.de/folienkondensator-100nf-630v-rm15-mkp4-630-100n-p173032.html?&trstct=pol_1&nbc=1
C47	470Âµ	Device:C_Polarized	Capacitor_THT:CP_Radial_D12.5mm_P5.00mm	RAD LXZ 63/470 ELKO, 470µF, 63V, 105°C	https://www.reichelt.de/elko-470-f-63v-105-c-rad-lxz-63-470-p166448.html?&trstct=pol_5&nbc=1
C48	1n	Device:C	Capacitor_THT:C_Rect_L7.2mm_W4.5mm_P5.00mm_FKS2_FKP2_MKS2_MKP2	FKP2-400 1,0N Folienkondensator, 1,0nF, 400V, RM5	https://www.reichelt.de/folienkondensator-1-0nf-400v-rm5-fkp2-400-1-0n-p172502.html?&trstct=pol_0&nbc=1
C49	22n	Device:C	Capacitor_THT:C_Rect_L7.2mm_W5.5mm_P5.00mm_FKS2_FKP2_MKS2_MKP2	MKP2-630 22N Folienkondensator, 22nF, 630V, RM5	https://www.reichelt.de/folienkondensator-22nf-630v-rm5-mkp2-630-22n-p172746.html?&trstct=pol_2&nbc=1
C50	22n	Device:C	Capacitor_THT:C_Rect_L7.2mm_W5.5mm_P5.00mm_FKS2_FKP2_MKS2_MKP2	MKP2-630 22N Folienkondensator, 22nF, 630V, RM5	https://www.reichelt.de/folienkondensator-22nf-630v-rm5-mkp2-630-22n-p172746.html?&trstct=pol_2&nbc=1
C51	22n	Device:C	Capacitor_THT:C_Rect_L7.2mm_W5.5mm_P5.00mm_FKS2_FKP2_MKS2_MKP2	MKP2-630 22N Folienkondensator, 22nF, 630V, RM5	https://www.reichelt.de/folienkondensator-22nf-630v-rm5-mkp2-630-22n-p172746.html?&trstct=pol_2&nbc=1
C52	22n	Device:C	Capacitor_THT:C_Rect_L7.2mm_W5.5mm_P5.00mm_FKS2_FKP2_MKS2_MKP2	MKP2-630 22N Folienkondensator, 22nF, 630V, RM5	https://www.reichelt.de/folienkondensator-22nf-630v-rm5-mkp2-630-22n-p172746.html?&trstct=pol_2&nbc=1
C53	100n	Device:C	Capacitor_THT:C_Rect_L18.0mm_W7.0mm_P15.00mm_FKS3_FKP3	MKP4-630 100N Folienkondensator, 100nF, 630V, RM15	https://www.reichelt.de/folienkondensator-100nf-630v-rm15-mkp4-630-100n-p173032.html?&trstct=pol_1&nbc=1
C54	100n	Device:C	Capacitor_THT:C_Rect_L18.0mm_W7.0mm_P15.00mm_FKS3_FKP3	MKP4-630 100N Folienkondensator, 100nF, 630V, RM15	https://www.reichelt.de/folienkondensator-100nf-630v-rm15-mkp4-630-100n-p173032.html?&trstct=pol_1&nbc=1
C55	47Âµ	Device:C_Polarized	Capacitor_THT:CP_Radial_D6.3mm_P2.50mm	RAD KY 47/50 Elko, radial, 47µF, 50V, RM2,5, 105°C, 20%	https://www.reichelt.de/elko-radial-47-f-50v-rm2-5-105-c-20--rad-ky-47-50-p283423.html?&trstct=pol_2&nbc=1
C56	47Âµ	Device:C_Polarized	Capacitor_THT:CP_Radial_D6.3mm_P2.50mm	RAD KY 47/50 Elko, radial, 47µF, 50V, RM2,5, 105°C, 20%	https://www.reichelt.de/elko-radial-47-f-50v-rm2-5-105-c-20--rad-ky-47-50-p283423.html?&trstct=pol_2&nbc=1
C57	47Âµ	Device:C_Polarized	Capacitor_THT:CP_Radial_D6.3mm_P2.50mm	RAD KY 47/50 Elko, radial, 47µF, 50V, RM2,5, 105°C, 20%	https://www.reichelt.de/elko-radial-47-f-50v-rm2-5-105-c-20--rad-ky-47-50-p283423.html?&trstct=pol_2&nbc=1
C58	15n	Device:C	Capacitor_THT:C_Rect_L10.0mm_W4.0mm_P7.50mm_MKS4	MKP4-630 15N Folienkondensator, 15nF, 630V, RM7,5	https://www.reichelt.de/folienkondensator-15nf-630v-rm7-5-mkp4-630-15n-p173022.html?&trstct=pol_3&nbc=1
C59	50Âµ	Device:C_Polarized	00_Eigene:Elko_Wirepoints	JJ 50+50 µF @ 500 V	https://www.tube-town.net/ttstore/jj-50-50-f-500-v.html
C60	50Âµ	Device:C_Polarized	00_Eigene:Elko_Wirepoints	JJ 50+50 µF @ 500 V	https://www.tube-town.net/ttstore/jj-50-50-f-500-v.html
C61	50Âµ	Device:C_Polarized	00_Eigene:Elko_Wirepoints	JJ 50+50 µF @ 500 V	https://www.tube-town.net/ttstore/jj-50-50-f-500-v.html
C62	50Âµ	Device:C_Polarized	00_Eigene:Elko_Wirepoints	JJ 50+50 µF @ 500 V	https://www.tube-town.net/ttstore/jj-50-50-f-500-v.html
C63	50Âµ	Device:C_Polarized	00_Eigene:Elko_Wirepoints	JJ 50+50 µF @ 500 V	https://www.tube-town.net/ttstore/jj-50-50-f-500-v.html
C64	50Âµ	Device:C_Polarized	00_Eigene:Elko_Wirepoints	JJ 50+50 µF @ 500 V	https://www.tube-town.net/ttstore/jj-50-50-f-500-v.html
C65	47Âµ	Device:C_Polarized	Capacitor_THT:CP_Radial_D10.0mm_P5.00mm	ED-A 47U 160 Elko, radial, 47µF, 160V, RM5, 105°C, 8000h, 20%	https://www.reichelt.de/elko-radial-47-f-160v-rm5-105-c-8000h-20--ed-a-47u-160-p228718.html?&trstct=pol_13&nbc=1
C66	50Âµ	Device:C_Polarized	00_Eigene:Elko_Wirepoints	JJ 50+50 µF @ 500 V	https://www.tube-town.net/ttstore/jj-50-50-f-500-v.html
C67	47Âµ	Device:C_Polarized	Capacitor_THT:CP_Radial_D10.0mm_P5.00mm	ED-A 47U 160 Elko, radial, 47µF, 160V, RM5, 105°C, 8000h, 20%	https://www.reichelt.de/elko-radial-47-f-160v-rm5-105-c-8000h-20--ed-a-47u-160-p228718.html?&trstct=pol_13&nbc=1
C68	50Âµ	Device:C_Polarized	00_Eigene:Elko_Wirepoints	JJ 50+50 µF @ 500 V	https://www.tube-town.net/ttstore/jj-50-50-f-500-v.html
C69	100n	Device:C	Capacitor_THT:C_Rect_L4.6mm_W3.0mm_P2.50mm_MKS02_FKP02	MKS02-63 100N Folienkondensator, 100nF, 63V, RM2,5	https://www.reichelt.de/folienkondensator-100nf-63v-rm2-5-mks02-63-100n-p12314.html?&trstct=pol_0&nbc=1
C70	100n	Device:C	Capacitor_THT:C_Rect_L4.6mm_W3.0mm_P2.50mm_MKS02_FKP02	MKS02-63 100N Folienkondensator, 100nF, 63V, RM2,5	https://www.reichelt.de/folienkondensator-100nf-63v-rm2-5-mks02-63-100n-p12314.html?&trstct=pol_0&nbc=1
C71	100n	Device:C	Capacitor_THT:C_Rect_L4.6mm_W3.0mm_P2.50mm_MKS02_FKP02	MKS02-63 100N Folienkondensator, 100nF, 63V, RM2,5	https://www.reichelt.de/folienkondensator-100nf-63v-rm2-5-mks02-63-100n-p12314.html?&trstct=pol_0&nbc=1
C72	100n	Device:C	Capacitor_THT:C_Rect_L4.6mm_W3.0mm_P2.50mm_MKS02_FKP02	MKS02-63 100N Folienkondensator, 100nF, 63V, RM2,5	https://www.reichelt.de/folienkondensator-100nf-63v-rm2-5-mks02-63-100n-p12314.html?&trstct=pol_0&nbc=1
C73	100n	Device:C	Capacitor_THT:C_Rect_L4.6mm_W3.0mm_P2.50mm_MKS02_FKP02	MKS02-63 100N Folienkondensator, 100nF, 63V, RM2,5	https://www.reichelt.de/folienkondensator-100nf-63v-rm2-5-mks02-63-100n-p12314.html?&trstct=pol_0&nbc=1
C74	100n	Device:C	Capacitor_THT:C_Rect_L4.6mm_W3.0mm_P2.50mm_MKS02_FKP02	MKS02-63 100N Folienkondensator, 100nF, 63V, RM2,5	https://www.reichelt.de/folienkondensator-100nf-63v-rm2-5-mks02-63-100n-p12314.html?&trstct=pol_0&nbc=1
C75	22p	Device:C	Capacitor_THT:C_Disc_D4.3mm_W1.9mm_P5.00mm	KERKO-500 22P Keramik-Kondensator, 500V, 22P	https://www.reichelt.de/keramik-kondensator-500v-22p-kerko-500-22p-p9330.html?&trstct=pol_1&nbc=1
C76	22p	Device:C	Capacitor_THT:C_Disc_D4.3mm_W1.9mm_P5.00mm	KERKO-500 22P Keramik-Kondensator, 500V, 22P	https://www.reichelt.de/keramik-kondensator-500v-22p-kerko-500-22p-p9330.html?&trstct=pol_1&nbc=1
C77	100n	Device:C	Capacitor_THT:C_Rect_L4.6mm_W3.0mm_P2.50mm_MKS02_FKP02	MKS02-63 100N Folienkondensator, 100nF, 63V, RM2,5	https://www.reichelt.de/folienkondensator-100nf-63v-rm2-5-mks02-63-100n-p12314.html?&trstct=pol_0&nbc=1
C78	100n	Device:C	Capacitor_THT:C_Rect_L4.6mm_W3.0mm_P2.50mm_MKS02_FKP02	MKS02-63 100N Folienkondensator, 100nF, 63V, RM2,5	https://www.reichelt.de/folienkondensator-100nf-63v-rm2-5-mks02-63-100n-p12314.html?&trstct=pol_0&nbc=1
C79	100n	Device:C	Capacitor_THT:C_Rect_L4.6mm_W3.0mm_P2.50mm_MKS02_FKP02	MKS02-63 100N Folienkondensator, 100nF, 63V, RM2,5	https://www.reichelt.de/folienkondensator-100nf-63v-rm2-5-mks02-63-100n-p12314.html?&trstct=pol_0&nbc=1
C80	100n	Device:C	Capacitor_THT:C_Rect_L4.6mm_W3.0mm_P2.50mm_MKS02_FKP02	MKS02-63 100N Folienkondensator, 100nF, 63V, RM2,5	https://www.reichelt.de/folienkondensator-100nf-63v-rm2-5-mks02-63-100n-p12314.html?&trstct=pol_0&nbc=1
C81	100n	Device:C	Capacitor_THT:C_Rect_L18.0mm_W7.0mm_P15.00mm_FKS3_FKP3	MKS02-63 100N Folienkondensator, 100nF, 63V, RM2,5	https://www.reichelt.de/folienkondensator-100nf-63v-rm2-5-mks02-63-100n-p12314.html?&trstct=pol_0&nbc=1
D1	1N4007	Device:D	Diode_THT:D_DO-41_SOD81_P10.16mm_Horizontal	1N 4007 DIO Gleichrichterdiode, 1000 V, 1 A, DO-41	https://www.reichelt.de/gleichrichterdiode-1000-v-1-a-do-41-1n-4007-dio-p219368.html?&trstct=pos_1&nbc=1
D2	1N4007	Device:D	Diode_THT:D_DO-41_SOD81_P10.16mm_Horizontal	1N 4007 DIO Gleichrichterdiode, 1000 V, 1 A, DO-41	https://www.reichelt.de/gleichrichterdiode-1000-v-1-a-do-41-1n-4007-dio-p219368.html?&trstct=pos_1&nbc=1
D3	1N4007	Device:D	Diode_THT:D_DO-41_SOD81_P10.16mm_Horizontal	1N 4007 DIO Gleichrichterdiode, 1000 V, 1 A, DO-41	https://www.reichelt.de/gleichrichterdiode-1000-v-1-a-do-41-1n-4007-dio-p219368.html?&trstct=pos_1&nbc=1
D4	1N4007	Device:D	Diode_THT:D_DO-41_SOD81_P10.16mm_Horizontal	1N 4007 DIO Gleichrichterdiode, 1000 V, 1 A, DO-41	https://www.reichelt.de/gleichrichterdiode-1000-v-1-a-do-41-1n-4007-dio-p219368.html?&trstct=pos_1&nbc=1
D5	1N4007	Device:D	Diode_THT:D_DO-41_SOD81_P10.16mm_Horizontal	1N 4007 DIO Gleichrichterdiode, 1000 V, 1 A, DO-41	https://www.reichelt.de/gleichrichterdiode-1000-v-1-a-do-41-1n-4007-dio-p219368.html?&trstct=pos_1&nbc=1
D6	1N4007	Device:D	Diode_THT:D_DO-41_SOD81_P10.16mm_Horizontal	1N 4007 DIO Gleichrichterdiode, 1000 V, 1 A, DO-41	https://www.reichelt.de/gleichrichterdiode-1000-v-1-a-do-41-1n-4007-dio-p219368.html?&trstct=pos_1&nbc=1
D7	1N4007	Device:D	Diode_THT:D_DO-41_SOD81_P10.16mm_Horizontal	1N 4007 DIO Gleichrichterdiode, 1000 V, 1 A, DO-41	https://www.reichelt.de/gleichrichterdiode-1000-v-1-a-do-41-1n-4007-dio-p219368.html?&trstct=pos_1&nbc=1
D8	1N4007	Device:D	Diode_THT:D_DO-41_SOD81_P10.16mm_Horizontal	1N 4007 DIO Gleichrichterdiode, 1000 V, 1 A, DO-41	https://www.reichelt.de/gleichrichterdiode-1000-v-1-a-do-41-1n-4007-dio-p219368.html?&trstct=pos_1&nbc=1
D9	1N4007	Device:D	Diode_THT:D_DO-41_SOD81_P10.16mm_Horizontal	1N 4007 DIO Gleichrichterdiode, 1000 V, 1 A, DO-41	https://www.reichelt.de/gleichrichterdiode-1000-v-1-a-do-41-1n-4007-dio-p219368.html?&trstct=pos_1&nbc=1
D10	LED	Device:LED	TestPoint:TestPoint_2Pads_Pitch5.08mm_Drill1.3mm	TRU COMPONENTS 1588012 LED-Signalleuchte Rot 24 V/DC 4.2 mA TC-R9-126L Red 24V	https://www.conrad.de/de/p/tru-components-1588012-led-signalleuchte-rot-24-v-dc-4-2-ma-tc-r9-126l-red-24v-1588012.html
D11	LED	Device:LED	TestPoint:TestPoint_2Pads_Pitch5.08mm_Drill1.3mm	TRU COMPONENTS 1588012 LED-Signalleuchte Rot 24 V/DC 4.2 mA TC-R9-126L Red 24V	https://www.conrad.de/de/p/tru-components-1588012-led-signalleuchte-rot-24-v-dc-4-2-ma-tc-r9-126l-red-24v-1588012.html
D12	LED	Device:LED	TestPoint:TestPoint_2Pads_Pitch5.08mm_Drill1.3mm	TRU COMPONENTS 1588012 LED-Signalleuchte Rot 24 V/DC 4.2 mA TC-R9-126L Red 24V	https://www.conrad.de/de/p/tru-components-1588012-led-signalleuchte-rot-24-v-dc-4-2-ma-tc-r9-126l-red-24v-1588012.html
D13	LED	Device:LED	TestPoint:TestPoint_2Pads_Pitch5.08mm_Drill1.3mm	TRU COMPONENTS 1588012 LED-Signalleuchte Rot 24 V/DC 4.2 mA TC-R9-126L Red 24V	https://www.conrad.de/de/p/tru-components-1588012-led-signalleuchte-rot-24-v-dc-4-2-ma-tc-r9-126l-red-24v-1588012.html
D14	1N4007	Device:D	Diode_THT:D_DO-41_SOD81_P10.16mm_Horizontal	1N 4007 DIO Gleichrichterdiode, 1000 V, 1 A, DO-41	https://www.reichelt.de/gleichrichterdiode-1000-v-1-a-do-41-1n-4007-dio-p219368.html?&trstct=pos_1&nbc=1
D15	1N4007	Device:D	Diode_THT:D_DO-41_SOD81_P10.16mm_Horizontal	1N 4007 DIO Gleichrichterdiode, 1000 V, 1 A, DO-41	https://www.reichelt.de/gleichrichterdiode-1000-v-1-a-do-41-1n-4007-dio-p219368.html?&trstct=pos_1&nbc=1
D16	1N4007	Device:D	Diode_THT:D_DO-41_SOD81_P10.16mm_Horizontal	1N 4007 DIO Gleichrichterdiode, 1000 V, 1 A, DO-41	https://www.reichelt.de/gleichrichterdiode-1000-v-1-a-do-41-1n-4007-dio-p219368.html?&trstct=pos_1&nbc=1
D17	1N4007	Device:D	Diode_THT:D_DO-41_SOD81_P10.16mm_Horizontal	1N 4007 DIO Gleichrichterdiode, 1000 V, 1 A, DO-41	https://www.reichelt.de/gleichrichterdiode-1000-v-1-a-do-41-1n-4007-dio-p219368.html?&trstct=pos_1&nbc=1
D18	1N4007	Device:D	Diode_THT:D_DO-41_SOD81_P10.16mm_Horizontal	1N 4007 DIO Gleichrichterdiode, 1000 V, 1 A, DO-41	https://www.reichelt.de/gleichrichterdiode-1000-v-1-a-do-41-1n-4007-dio-p219368.html?&trstct=pos_1&nbc=1
D19	1N4007	Device:D	Diode_THT:D_DO-41_SOD81_P10.16mm_Horizontal	1N 4007 DIO Gleichrichterdiode, 1000 V, 1 A, DO-41	https://www.reichelt.de/gleichrichterdiode-1000-v-1-a-do-41-1n-4007-dio-p219368.html?&trstct=pos_1&nbc=1
D20	1N4007	Device:D	Diode_THT:D_DO-41_SOD81_P10.16mm_Horizontal	1N 4007 DIO Gleichrichterdiode, 1000 V, 1 A, DO-41	https://www.reichelt.de/gleichrichterdiode-1000-v-1-a-do-41-1n-4007-dio-p219368.html?&trstct=pos_1&nbc=1
D21	1N4007	Device:D	Diode_THT:D_DO-41_SOD81_P10.16mm_Horizontal	1N 4007 DIO Gleichrichterdiode, 1000 V, 1 A, DO-41	https://www.reichelt.de/gleichrichterdiode-1000-v-1-a-do-41-1n-4007-dio-p219368.html?&trstct=pos_1&nbc=1
D22	1N4007	Device:D	Diode_THT:D_DO-41_SOD81_P10.16mm_Horizontal	1N 4007 DIO Gleichrichterdiode, 1000 V, 1 A, DO-41	https://www.reichelt.de/gleichrichterdiode-1000-v-1-a-do-41-1n-4007-dio-p219368.html?&trstct=pos_1&nbc=1
D23	1N4007	Device:D	Diode_THT:D_DO-41_SOD81_P10.16mm_Horizontal	1N 4007 DIO Gleichrichterdiode, 1000 V, 1 A, DO-41	https://www.reichelt.de/gleichrichterdiode-1000-v-1-a-do-41-1n-4007-dio-p219368.html?&trstct=pos_1&nbc=1
D24	1N4007	Device:D	Diode_THT:D_DO-41_SOD81_P10.16mm_Horizontal	1N 4007 DIO Gleichrichterdiode, 1000 V, 1 A, DO-41	https://www.reichelt.de/gleichrichterdiode-1000-v-1-a-do-41-1n-4007-dio-p219368.html?&trstct=pos_1&nbc=1
D25	1N4007	Device:D	Diode_THT:D_DO-41_SOD81_P10.16mm_Horizontal	1N 4007 DIO Gleichrichterdiode, 1000 V, 1 A, DO-41	https://www.reichelt.de/gleichrichterdiode-1000-v-1-a-do-41-1n-4007-dio-p219368.html?&trstct=pos_1&nbc=1
D26	LED	Device:LED	LED_THT:LED_D3.0mm	LED 3MM RT LED, 3 mm, bedrahtet, rot, 191 mcd, 50°	https://www.reichelt.de/led-3-mm-bedrahtet-rot-191-mcd-50--led-3mm-rt-p10228.html?&trstct=pol_0&nbc=1
D27	LED	Device:LED	LED_THT:LED_D3.0mm	LED 3MM RT LED, 3 mm, bedrahtet, rot, 191 mcd, 50°	https://www.reichelt.de/led-3-mm-bedrahtet-rot-191-mcd-50--led-3mm-rt-p10228.html?&trstct=pol_0&nbc=1
D28	1N4007	Device:D	Diode_THT:D_DO-41_SOD81_P10.16mm_Horizontal	1N 4007 DIO Gleichrichterdiode, 1000 V, 1 A, DO-41	https://www.reichelt.de/gleichrichterdiode-1000-v-1-a-do-41-1n-4007-dio-p219368.html?&trstct=pos_1&nbc=1
D29	1N4007	Device:D	Diode_THT:D_DO-41_SOD81_P10.16mm_Horizontal	1N 4007 DIO Gleichrichterdiode, 1000 V, 1 A, DO-41	https://www.reichelt.de/gleichrichterdiode-1000-v-1-a-do-41-1n-4007-dio-p219368.html?&trstct=pos_1&nbc=1
D30	LED_MIDI	Device:LED	00_Eigene:Elko_Wirepoints		
D31	PWR	Device:LED	OFFBOARD		
D32	Standby	Device:LED	OFFBOARD		
D33	1N4007	Device:D	Diode_THT:D_DO-41_SOD81_P10.16mm_Horizontal	1N 4007 DIO Gleichrichterdiode, 1000 V, 1 A, DO-41	https://www.reichelt.de/gleichrichterdiode-1000-v-1-a-do-41-1n-4007-dio-p219368.html?&trstct=pos_1&nbc=1
F1	0,25AT	Device:Fuse	Fuse:Fuseholder_Cylinder-5x20mm_Schurter_0031_8201_Horizontal_Open	SCH 0031.8201.G Sicherungshalter für 5 x 20 mm, 250 V, 10 A, schwarz	https://www.reichelt.de/sicherungshalter-fuer-5-x-20-mm-250-v-10-a-schwarz-sch-0031-8201-g-p243301.html?&trstct=pol_13&nbc=1
F2	0,25AT	Device:Fuse	Fuse:Fuseholder_Cylinder-5x20mm_Schurter_0031_8201_Horizontal_Open	SCH 0031.8201.G Sicherungshalter für 5 x 20 mm, 250 V, 10 A, schwarz	https://www.reichelt.de/sicherungshalter-fuer-5-x-20-mm-250-v-10-a-schwarz-sch-0031-8201-g-p243301.html?&trstct=pol_13&nbc=1
F3	0,25AT	Device:Fuse	Fuse:Fuseholder_Cylinder-5x20mm_Schurter_0031_8201_Horizontal_Open	SCH 0031.8201.G Sicherungshalter für 5 x 20 mm, 250 V, 10 A, schwarz	https://www.reichelt.de/sicherungshalter-fuer-5-x-20-mm-250-v-10-a-schwarz-sch-0031-8201-g-p243301.html?&trstct=pol_13&nbc=1
F4	0,25AT	Device:Fuse	Fuse:Fuseholder_Cylinder-5x20mm_Schurter_0031_8201_Horizontal_Open	SCH 0031.8201.G Sicherungshalter für 5 x 20 mm, 250 V, 10 A, schwarz	https://www.reichelt.de/sicherungshalter-fuer-5-x-20-mm-250-v-10-a-schwarz-sch-0031-8201-g-p243301.html?&trstct=pol_13&nbc=1
F5	1,5AT	Device:Fuse	OFFBOARD	MPE 42R321121 Kaltgeräteeinbaustecker C14, Längsflansch	https://www.reichelt.de/kaltgeraeteeinbaustecker-c14-laengsflansch-mpe-42r321121-p263300.html?&trstct=pol_0&nbc=1
F6	1AT	Device:Fuse	Fuse:Fuseholder_Cylinder-5x20mm_Schurter_0031_8201_Horizontal_Open	SCH 0031.8201.G Sicherungshalter für 5 x 20 mm, 250 V, 10 A, schwarz	https://www.reichelt.de/sicherungshalter-fuer-5-x-20-mm-250-v-10-a-schwarz-sch-0031-8201-g-p243301.html?&trstct=pol_13&nbc=1
F7	10AT	Device:Fuse	Fuse:Fuseholder_Cylinder-5x20mm_Schurter_0031_8201_Horizontal_Open	SCH 0031.8201.G Sicherungshalter für 5 x 20 mm, 250 V, 10 A, schwarz	https://www.reichelt.de/sicherungshalter-fuer-5-x-20-mm-250-v-10-a-schwarz-sch-0031-8201-g-p243301.html?&trstct=pol_13&nbc=1
F8	0,8AT	Device:Fuse	00_Eigene:5x30mm_Fuse	PL 120000 Sicherungshalter, 5x20mm, max. 6,3A-500V	https://www.reichelt.de/sicherungshalter-5x20mm-max-6-3a-500v-pl-120000-p14679.html?&trstct=pol_0&nbc=1
HS1	Heatsink	Mechanical:Heatsink	Heatsink:Heatsink_Fischer_SK129-STS_42x25mm_2xDrill2.5mm	SK 129/38.1 220 Kühlkörper, 38,1 mm, Alu, 6,5 K/W, TO-220	https://www.reichelt.de/kuehlkoerper-38-1-mm-alu-6-5-k-w-to-220-sk-129-38-1-220-p228947.html?&trstct=pol_15&nbc=1
J1	Input	Connector:AudioJack2	00_Eigene:Mono_Jack_SW	Neutrik NMJ4HC-S - 6,3 mm, mono, geschaltet	https://www.tube-town.net/ttstore/neutrik-nmj4hc-s-6-3-mm-mono-geschaltet.html
J2	FX_Send1	Connector:AudioJack2_SwitchT	00_Eigene:Mono_Jack_SW	Neutrik NMJ4HC-S - 6,3 mm, mono, geschaltet	https://www.tube-town.net/ttstore/neutrik-nmj4hc-s-6-3-mm-mono-geschaltet.html
J3	FX_Send2	Connector:AudioJack2	00_Eigene:Elko_Wirepoints	Neutrik NMJ4HC-S - 6,3 mm, mono, geschaltet	https://www.tube-town.net/ttstore/neutrik-nmj4hc-s-6-3-mm-mono-geschaltet.html
J4	FX_Return_Serial	Connector:AudioJack2_SwitchT	00_Eigene:Mono_Jack_SW	Neutrik NMJ4HC-S - 6,3 mm, mono, geschaltet	https://www.tube-town.net/ttstore/neutrik-nmj4hc-s-6-3-mm-mono-geschaltet.html
J5	FX_Return_Parallel	Connector:AudioJack2	00_Eigene:Elko_Wirepoints	Neutrik NMJ4HC-S - 6,3 mm, mono, geschaltet	https://www.tube-town.net/ttstore/neutrik-nmj4hc-s-6-3-mm-mono-geschaltet.html
J6	Output_16R	Connector:AudioJack2	00_Eigene:Elko_Wirepoints	Neutrik NMJ4HC-S - 6,3 mm, mono, geschaltet	https://www.tube-town.net/ttstore/neutrik-nmj4hc-s-6-3-mm-mono-geschaltet.html
J7	Output_8R_1	Connector:AudioJack2	00_Eigene:Elko_Wirepoints	Neutrik NMJ4HC-S - 6,3 mm, mono, geschaltet	https://www.tube-town.net/ttstore/neutrik-nmj4hc-s-6-3-mm-mono-geschaltet.html
J8	Output_8R_2	Connector:AudioJack2	00_Eigene:Elko_Wirepoints	Neutrik NMJ4HC-S - 6,3 mm, mono, geschaltet	https://www.tube-town.net/ttstore/neutrik-nmj4hc-s-6-3-mm-mono-geschaltet.html
J9	Output_4R_1	Connector:AudioJack2	00_Eigene:Elko_Wirepoints	Neutrik NMJ4HC-S - 6,3 mm, mono, geschaltet	https://www.tube-town.net/ttstore/neutrik-nmj4hc-s-6-3-mm-mono-geschaltet.html
J10	Output_4R_2	Connector:AudioJack2	00_Eigene:Elko_Wirepoints	Neutrik NMJ4HC-S - 6,3 mm, mono, geschaltet	https://www.tube-town.net/ttstore/neutrik-nmj4hc-s-6-3-mm-mono-geschaltet.html
J11	AC Socket	Connector:Conn_WallSocket_Earth	OFFBOARD	MPE 42R321121 Kaltgeräteeinbaustecker C14, Längsflansch	https://www.reichelt.de/kaltgeraeteeinbaustecker-c14-laengsflansch-mpe-42r321121-p263300.html?&trstct=pol_0&nbc=1
J12	MIDI_Input	Connector:DIN-5	00_Eigene:MIDI_Jack	Neutrik NYS325 DIN-Rundsteckverbinder Flanschbuchse, Kontakte gerade Polzahl (num): 5 Silber	https://www.conrad.de/de/p/neutrik-nys325-din-rundsteckverbinder-flanschbuchse-kontakte-gerade-polzahl-num-5-silber-1-st-737823.html
J13	MIDI_Output	Connector:DIN-5	00_Eigene:MIDI_Jack	Neutrik NYS325 DIN-Rundsteckverbinder Flanschbuchse, Kontakte gerade Polzahl (num): 5 Silber	https://www.conrad.de/de/p/neutrik-nys325-din-rundsteckverbinder-flanschbuchse-kontakte-gerade-polzahl-num-5-silber-1-st-737823.html
J14	Footswitch_Input	Connector:DIN-7	00_Eigene:Footswitch_Jack	Neutrik NYS326 DIN-Rundsteckverbinder Flanschbuchse, Kontakte gerade Polzahl (num): 7	https://www.conrad.de/de/p/neutrik-nys326-din-rundsteckverbinder-flanschbuchse-kontakte-gerade-polzahl-num-7-silber-1-st-746724.html
J15	AVR ISP	Connector_Generic:Conn_02x05_Odd_Even	Connector_IDC:IDC-Header_2x05_P2.54mm_Vertical	WSL 10G Wannenstecker, 10-polig, gerade	https://www.reichelt.de/wannenstecker-10-polig-gerade-wsl-10g-p22816.html?&trstct=pol_0&nbc=1
J16	Con_Relays	Connector_Generic:Conn_02x08_Odd_Even	00_Eigene:Con_2x8		
J17	Con_Channel_LED	Connector_Generic:Conn_02x04_Odd_Even	00_Eigene:Con_2x4		
K1	G5V-1	Relay:G5V-1	Relay_THT:Relay_SPDT_Omron_G5V-1	G5V-1 5DC Signalrelais, THD, 5 VDC, 1 A, 1 Wechsler	https://www.reichelt.de/signalrelais-thd-5-vdc-1-a-1-wechsler-g5v-1-5dc-p243067.html?&trstct=pol_6&nbc=1
K2	G5V-1	Relay:G5V-1	Relay_THT:Relay_SPDT_Omron_G5V-1	G5V-1 5DC Signalrelais, THD, 5 VDC, 1 A, 1 Wechsler	https://www.reichelt.de/signalrelais-thd-5-vdc-1-a-1-wechsler-g5v-1-5dc-p243067.html?&trstct=pol_6&nbc=1
K3	G5V-1	Relay:G5V-1	Relay_THT:Relay_SPDT_Omron_G5V-1	G5V-1 5DC Signalrelais, THD, 5 VDC, 1 A, 1 Wechsler	https://www.reichelt.de/signalrelais-thd-5-vdc-1-a-1-wechsler-g5v-1-5dc-p243067.html?&trstct=pol_6&nbc=1
K4	G5V-1	Relay:G5V-1	Relay_THT:Relay_SPDT_Omron_G5V-1	G5V-1 5DC Signalrelais, THD, 5 VDC, 1 A, 1 Wechsler	https://www.reichelt.de/signalrelais-thd-5-vdc-1-a-1-wechsler-g5v-1-5dc-p243067.html?&trstct=pol_6&nbc=1
K5	G5V-1	Relay:G5V-1	Relay_THT:Relay_SPDT_Omron_G5V-1	G5V-1 5DC Signalrelais, THD, 5 VDC, 1 A, 1 Wechsler	https://www.reichelt.de/signalrelais-thd-5-vdc-1-a-1-wechsler-g5v-1-5dc-p243067.html?&trstct=pol_6&nbc=1
K6	G5V-1	Relay:G5V-1	Relay_THT:Relay_SPDT_Omron_G5V-1	G5V-1 5DC Signalrelais, THD, 5 VDC, 1 A, 1 Wechsler	https://www.reichelt.de/signalrelais-thd-5-vdc-1-a-1-wechsler-g5v-1-5dc-p243067.html?&trstct=pol_6&nbc=1
K7	G5V-1	Relay:G5V-1	Relay_THT:Relay_SPDT_Omron_G5V-1	G5V-1 5DC Signalrelais, THD, 5 VDC, 1 A, 1 Wechsler	https://www.reichelt.de/signalrelais-thd-5-vdc-1-a-1-wechsler-g5v-1-5dc-p243067.html?&trstct=pol_6&nbc=1
K8	G5V-1	Relay:G5V-1	Relay_THT:Relay_SPDT_Omron_G5V-1	G5V-1 5DC Signalrelais, THD, 5 VDC, 1 A, 1 Wechsler	https://www.reichelt.de/signalrelais-thd-5-vdc-1-a-1-wechsler-g5v-1-5dc-p243067.html?&trstct=pol_6&nbc=1
K9	G5V-1	Relay:G5V-1	Relay_THT:Relay_SPDT_Omron_G5V-1	G5V-1 5DC Signalrelais, THD, 5 VDC, 1 A, 1 Wechsler	https://www.reichelt.de/signalrelais-thd-5-vdc-1-a-1-wechsler-g5v-1-5dc-p243067.html?&trstct=pol_6&nbc=1
K10	G5V-1	Relay:G5V-1	Relay_THT:Relay_SPDT_Omron_G5V-1	G5V-1 5DC Signalrelais, THD, 5 VDC, 1 A, 1 Wechsler	https://www.reichelt.de/signalrelais-thd-5-vdc-1-a-1-wechsler-g5v-1-5dc-p243067.html?&trstct=pol_6&nbc=1
L1	100m	Device:L	Inductor_THT:L_Radial_D12.0mm_P5.00mm_Fastron_11P	L-11P 100M Stehende-Induktivität, 11P, Ferrit, 100M	https://www.reichelt.de/stehende-induktivitaet-11p-ferrit-100m-l-11p-100m-p73010.html?&trstct=pol_0&nbc=1
L2	12H 140R	Device:L	00_Eigene:Elko_Wirepoints	Hammond 159P Drossel choke 10H, 125mA, 155R, 500V	https://btb-elektronik.de/produkt/3694/hammond-159p-drossel-choke-10h--125ma--155r--500v/
L3	100m	Device:L	Inductor_THT:L_Radial_D12.0mm_P5.00mm_Fastron_11P	L-11P 100M Stehende-Induktivität, 11P, Ferrit, 100M	https://www.reichelt.de/stehende-induktivitaet-11p-ferrit-100m-l-11p-100m-p73010.html?&trstct=pol_0&nbc=1
L4	100m	Device:L	Inductor_THT:L_Radial_D12.0mm_P5.00mm_Fastron_11P	L-11P 100M Stehende-Induktivität, 11P, Ferrit, 100M	https://www.reichelt.de/stehende-induktivitaet-11p-ferrit-100m-l-11p-100m-p73010.html?&trstct=pol_0&nbc=1
L5	100m	Device:L	Inductor_THT:L_Radial_D12.0mm_P5.00mm_Fastron_11P	L-11P 100M Stehende-Induktivität, 11P, Ferrit, 100M	https://www.reichelt.de/stehende-induktivitaet-11p-ferrit-100m-l-11p-100m-p73010.html?&trstct=pol_0&nbc=1
L6	100m	Device:L	Inductor_THT:L_Radial_D12.0mm_P5.00mm_Fastron_11P	L-11P 100M Stehende-Induktivität, 11P, Ferrit, 100M	https://www.reichelt.de/stehende-induktivitaet-11p-ferrit-100m-l-11p-100m-p73010.html?&trstct=pol_0&nbc=1
R1	1M	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	METALL 1,00M Widerstand, Metallschicht, 1,0 MOhm, 0207, 0,6 W, 1%	https://www.reichelt.de/widerstand-metallschicht-1-0-mohm-0207-0-6-w-1--metall-1-00m-p11404.html?&trstct=pol_0&nbc=1
R2	68K	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	METALL 68,0K Widerstand, Metallschicht, 68,0 kOhm, 0207, 0,6 W, 1%	https://www.reichelt.de/widerstand-metallschicht-68-0-kohm-0207-0-6-w-1--metall-68-0k-p11939.html?&trstct=pol_1&nbc=1
R3	2.2K	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	METALL 2,20K Widerstand, Metallschicht, 2,20 kOhm, 0207, 0,6 W, 1%	https://www.reichelt.de/widerstand-metallschicht-2-20-kohm-0207-0-6-w-1--metall-2-20k-p11584.html?&trstct=pol_1&nbc=1
R4	120K	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	1W 120K Widerstand, Metalloxyd, 120 kOhm, 0207, 1,0 W, 5%	https://www.reichelt.de/widerstand-metalloxyd-120-kohm-0207-1-0-w-5--1w-120k-p1783.html?&trstct=pol_1&nbc=1
R5	220K	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	METALL 220K Widerstand, Metallschicht, 220 kOhm, 0207, 0,6 W, 1%	https://www.reichelt.de/widerstand-metallschicht-220-kohm-0207-0-6-w-1--metall-220k-p11628.html?&trstct=pol_1&nbc=1
R6	220K	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	METALL 220K Widerstand, Metallschicht, 220 kOhm, 0207, 0,6 W, 1%	https://www.reichelt.de/widerstand-metallschicht-220-kohm-0207-0-6-w-1--metall-220k-p11628.html?&trstct=pol_1&nbc=1
R7	220K	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	METALL 220K Widerstand, Metallschicht, 220 kOhm, 0207, 0,6 W, 1%	https://www.reichelt.de/widerstand-metallschicht-220-kohm-0207-0-6-w-1--metall-220k-p11628.html?&trstct=pol_1&nbc=1
R8	3.3M	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	METALL 3,30M Widerstand, Metallschicht, 3,3 MOhm, 0207, 0,6 W, 1%	https://www.reichelt.de/widerstand-metallschicht-3-3-mohm-0207-0-6-w-1--metall-3-30m-p11694.html?&trstct=pol_0&nbc=1
R9	220K	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	METALL 220K Widerstand, Metallschicht, 220 kOhm, 0207, 0,6 W, 1%	https://www.reichelt.de/widerstand-metallschicht-220-kohm-0207-0-6-w-1--metall-220k-p11628.html?&trstct=pol_1&nbc=1
R10	120K	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	1W 120K Widerstand, Metalloxyd, 120 kOhm, 0207, 1,0 W, 5%	https://www.reichelt.de/widerstand-metalloxyd-120-kohm-0207-1-0-w-5--1w-120k-p1783.html?&trstct=pol_1&nbc=1
R11	100K	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	1W 100K Widerstand, Metalloxyd, 100 kOhm, 0207, 1,0 W, 5%	https://www.reichelt.de/widerstand-metalloxyd-100-kohm-0207-1-0-w-5--1w-100k-p1778.html?&trstct=pol_2&nbc=1
R12	680R	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	METALL 680 Widerstand, Metallschicht, 680 Ohm, 0207, 0,6 W, 1%	https://www.reichelt.de/widerstand-metallschicht-680-ohm-0207-0-6-w-1--metall-680-p11942.html?&trstct=pol_1&nbc=1
R13	3.3K	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	METALL 3,30K Widerstand, Metallschicht, 3,30 kOhm, 0207, 0,6 W, 1%	https://www.reichelt.de/widerstand-metallschicht-3-30-kohm-0207-0-6-w-1--metall-3-30k-p11693.html?&trstct=pol_0&nbc=1
R14	470K	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	METALL 470K Widerstand, Metallschicht, 470 kOhm, 0207, 0,6 W, 1%	https://www.reichelt.de/widerstand-metallschicht-470-kohm-0207-0-6-w-1--metall-470k-p11827.html?&trstct=pol_0&nbc=1
R15	220K	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	METALL 220K Widerstand, Metallschicht, 220 kOhm, 0207, 0,6 W, 1%	https://www.reichelt.de/widerstand-metallschicht-220-kohm-0207-0-6-w-1--metall-220k-p11628.html?&trstct=pol_1&nbc=1
R16	470K	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	METALL 470K Widerstand, Metallschicht, 470 kOhm, 0207, 0,6 W, 1%	https://www.reichelt.de/widerstand-metallschicht-470-kohm-0207-0-6-w-1--metall-470k-p11827.html?&trstct=pol_0&nbc=1
R17	10M	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	VI MBB02070C1005 Metallfilmwiderstand, 0207, 10 MOhm, TK50, 1%, 0,6 W	https://www.reichelt.de/metallfilmwiderstand-0207-10-mohm-tk50-1-0-6-w-vi-mbb02070c1005-p233669.html?&trstct=pol_0&nbc=1
R18	1M	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	METALL 1,00M Widerstand, Metallschicht, 1,0 MOhm, 0207, 0,6 W, 1%	https://www.reichelt.de/widerstand-metallschicht-1-0-mohm-0207-0-6-w-1--metall-1-00m-p11404.html?&trstct=pol_0&nbc=1
R19	470K	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	METALL 470K Widerstand, Metallschicht, 470 kOhm, 0207, 0,6 W, 1%	https://www.reichelt.de/widerstand-metallschicht-470-kohm-0207-0-6-w-1--metall-470k-p11827.html?&trstct=pol_0&nbc=1
R20	47K	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	METALL 47,0K Widerstand, Metallschicht, 47,0 kOhm, 0207, 0,6 W, 1%	https://www.reichelt.de/widerstand-metallschicht-47-0-kohm-0207-0-6-w-1--metall-47-0k-p11823.html?&trstct=pol_0&nbc=1
R21	220K	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	METALL 220K Widerstand, Metallschicht, 220 kOhm, 0207, 0,6 W, 1%	https://www.reichelt.de/widerstand-metallschicht-220-kohm-0207-0-6-w-1--metall-220k-p11628.html?&trstct=pol_1&nbc=1
R22	3.3M	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	METALL 3,30M Widerstand, Metallschicht, 3,3 MOhm, 0207, 0,6 W, 1%	https://www.reichelt.de/widerstand-metallschicht-3-3-mohm-0207-0-6-w-1--metall-3-30m-p11694.html?&trstct=pol_0&nbc=1
R23	470K	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	METALL 470K Widerstand, Metallschicht, 470 kOhm, 0207, 0,6 W, 1%	https://www.reichelt.de/widerstand-metallschicht-470-kohm-0207-0-6-w-1--metall-470k-p11827.html?&trstct=pol_0&nbc=1
R24	10M	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	VI MBB02070C1005 Metallfilmwiderstand, 0207, 10 MOhm, TK50, 1%, 0,6 W	https://www.reichelt.de/metallfilmwiderstand-0207-10-mohm-tk50-1-0-6-w-vi-mbb02070c1005-p233669.html?&trstct=pol_0&nbc=1
R25	470K	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	METALL 470K Widerstand, Metallschicht, 470 kOhm, 0207, 0,6 W, 1%	https://www.reichelt.de/widerstand-metallschicht-470-kohm-0207-0-6-w-1--metall-470k-p11827.html?&trstct=pol_0&nbc=1
R26	120K	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	1W 120K Widerstand, Metalloxyd, 120 kOhm, 0207, 1,0 W, 5%	https://www.reichelt.de/widerstand-metalloxyd-120-kohm-0207-1-0-w-5--1w-120k-p1783.html?&trstct=pol_1&nbc=1
R27	680R	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	METALL 680 Widerstand, Metallschicht, 680 Ohm, 0207, 0,6 W, 1%	https://www.reichelt.de/widerstand-metallschicht-680-ohm-0207-0-6-w-1--metall-680-p11942.html?&trstct=pol_1&nbc=1
R28	1M	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	METALL 1,00M Widerstand, Metallschicht, 1,0 MOhm, 0207, 0,6 W, 1%	https://www.reichelt.de/widerstand-metallschicht-1-0-mohm-0207-0-6-w-1--metall-1-00m-p11404.html?&trstct=pol_0&nbc=1
R29	1M	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	METALL 1,00M Widerstand, Metallschicht, 1,0 MOhm, 0207, 0,6 W, 1%	https://www.reichelt.de/widerstand-metallschicht-1-0-mohm-0207-0-6-w-1--metall-1-00m-p11404.html?&trstct=pol_0&nbc=1
R30	470K	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	METALL 470K Widerstand, Metallschicht, 470 kOhm, 0207, 0,6 W, 1%	https://www.reichelt.de/widerstand-metallschicht-470-kohm-0207-0-6-w-1--metall-470k-p11827.html?&trstct=pol_0&nbc=1
R31	120K	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	1W 120K Widerstand, Metalloxyd, 120 kOhm, 0207, 1,0 W, 5%	https://www.reichelt.de/widerstand-metalloxyd-120-kohm-0207-1-0-w-5--1w-120k-p1783.html?&trstct=pol_1&nbc=1
R32	680R	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	METALL 680 Widerstand, Metallschicht, 680 Ohm, 0207, 0,6 W, 1%	https://www.reichelt.de/widerstand-metallschicht-680-ohm-0207-0-6-w-1--metall-680-p11942.html?&trstct=pol_1&nbc=1
R33	120K	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	METALL 120K Widerstand, Metallschicht, 120 kOhm, 0207, 0,6 W, 1%	https://www.reichelt.de/widerstand-metallschicht-120-kohm-0207-0-6-w-1--metall-120k-p11490.html?&trstct=pol_0&nbc=1
R34	1M	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	METALL 1,00M Widerstand, Metallschicht, 1,0 MOhm, 0207, 0,6 W, 1%	https://www.reichelt.de/widerstand-metallschicht-1-0-mohm-0207-0-6-w-1--metall-1-00m-p11404.html?&trstct=pol_0&nbc=1
R35	39K	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	METALL 39,0K Widerstand, Metallschicht, 39,0 kOhm, 0207, 0,6 W, 1%	https://www.reichelt.de/widerstand-metallschicht-39-0-kohm-0207-0-6-w-1--metall-39-0k-p11766.html?&trstct=pol_0&nbc=1
R36	10K	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	METALL 10,0K Widerstand, Metallschicht, 10,0 kOhm, 0207, 0,6 W, 1%	https://www.reichelt.de/widerstand-metallschicht-10-0-kohm-0207-0-6-w-1--metall-10-0k-p11449.html?&trstct=pol_0&nbc=1
R37	10K	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	METALL 10,0K Widerstand, Metallschicht, 10,0 kOhm, 0207, 0,6 W, 1%	https://www.reichelt.de/widerstand-metallschicht-10-0-kohm-0207-0-6-w-1--metall-10-0k-p11449.html?&trstct=pol_0&nbc=1
R38	10K	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	METALL 10,0K Widerstand, Metallschicht, 10,0 kOhm, 0207, 0,6 W, 1%	https://www.reichelt.de/widerstand-metallschicht-10-0-kohm-0207-0-6-w-1--metall-10-0k-p11449.html?&trstct=pol_0&nbc=1
R39	10K	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	METALL 10,0K Widerstand, Metallschicht, 10,0 kOhm, 0207, 0,6 W, 1%	https://www.reichelt.de/widerstand-metallschicht-10-0-kohm-0207-0-6-w-1--metall-10-0k-p11449.html?&trstct=pol_0&nbc=1
R40	39K	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	METALL 39,0K Widerstand, Metallschicht, 39,0 kOhm, 0207, 0,6 W, 1%	https://www.reichelt.de/widerstand-metallschicht-39-0-kohm-0207-0-6-w-1--metall-39-0k-p11766.html?&trstct=pol_0&nbc=1
R41	39K	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	METALL 39,0K Widerstand, Metallschicht, 39,0 kOhm, 0207, 0,6 W, 1%	https://www.reichelt.de/widerstand-metallschicht-39-0-kohm-0207-0-6-w-1--metall-39-0k-p11766.html?&trstct=pol_0&nbc=1
R42	39K	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	METALL 39,0K Widerstand, Metallschicht, 39,0 kOhm, 0207, 0,6 W, 1%	https://www.reichelt.de/widerstand-metallschicht-39-0-kohm-0207-0-6-w-1--metall-39-0k-p11766.html?&trstct=pol_0&nbc=1
R43	39K	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	METALL 39,0K Widerstand, Metallschicht, 39,0 kOhm, 0207, 0,6 W, 1%	https://www.reichelt.de/widerstand-metallschicht-39-0-kohm-0207-0-6-w-1--metall-39-0k-p11766.html?&trstct=pol_0&nbc=1
R44	470K	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	METALL 470K Widerstand, Metallschicht, 470 kOhm, 0207, 0,6 W, 1%	https://www.reichelt.de/widerstand-metallschicht-470-kohm-0207-0-6-w-1--metall-470k-p11827.html?&trstct=pol_0&nbc=1
R45	470K	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	METALL 470K Widerstand, Metallschicht, 470 kOhm, 0207, 0,6 W, 1%	https://www.reichelt.de/widerstand-metallschicht-470-kohm-0207-0-6-w-1--metall-470k-p11827.html?&trstct=pol_0&nbc=1
R46	470K	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	METALL 470K Widerstand, Metallschicht, 470 kOhm, 0207, 0,6 W, 1%	https://www.reichelt.de/widerstand-metallschicht-470-kohm-0207-0-6-w-1--metall-470k-p11827.html?&trstct=pol_0&nbc=1

R47	470K	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	METALL 470K Widerstand, Metallschicht, 470 kOhm, 0207, 0,6 W, 1%	https://www.reichelt.de/widerstand-metallschicht-470-kohm-0207-0-6-w-1--metall-470k-p11827.html?&trstct=pol_0&nbc=1
R48	56K	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	METALL 56,0K Widerstand, Metallschicht, 56,0 kOhm, 0207, 0,6 W, 1%	https://www.reichelt.de/widerstand-metallschicht-56-0-kohm-0207-0-6-w-1--metall-56-0k-p11879.html?&trstct=pol_0&nbc=1
R49	680K	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	METALL 680K Widerstand, Metallschicht, 680 kOhm, 0207, 0,6 W, 1%	https://www.reichelt.de/widerstand-metallschicht-680-kohm-0207-0-6-w-1--metall-680k-p11943.html?&trstct=pol_0&nbc=1
R50	680K	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	METALL 680K Widerstand, Metallschicht, 680 kOhm, 0207, 0,6 W, 1%	https://www.reichelt.de/widerstand-metallschicht-680-kohm-0207-0-6-w-1--metall-680k-p11943.html?&trstct=pol_0&nbc=1
R51	680K	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	METALL 680K Widerstand, Metallschicht, 680 kOhm, 0207, 0,6 W, 1%	https://www.reichelt.de/widerstand-metallschicht-680-kohm-0207-0-6-w-1--metall-680k-p11943.html?&trstct=pol_0&nbc=1
R52	1M	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	METALL 1,00M Widerstand, Metallschicht, 1,0 MOhm, 0207, 0,6 W, 1%	https://www.reichelt.de/widerstand-metallschicht-1-0-mohm-0207-0-6-w-1--metall-1-00m-p11404.html?&trstct=pol_0&nbc=1
R53	680R	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	METALL 680 Widerstand, Metallschicht, 680 Ohm, 0207, 0,6 W, 1%	https://www.reichelt.de/widerstand-metallschicht-680-ohm-0207-0-6-w-1--metall-680-p11942.html?&trstct=pol_1&nbc=1
R54	120K	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	1W 120K Widerstand, Metalloxyd, 120 kOhm, 0207, 1,0 W, 5%	https://www.reichelt.de/widerstand-metalloxyd-120-kohm-0207-1-0-w-5--1w-120k-p1783.html?&trstct=pol_1&nbc=1
R55	120K	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	METALL 120K Widerstand, Metallschicht, 120 kOhm, 0207, 0,6 W, 1%	https://www.reichelt.de/widerstand-metallschicht-120-kohm-0207-0-6-w-1--metall-120k-p11490.html?&trstct=pol_0&nbc=1
R56	4.7K	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	METALL 4,70K Widerstand, Metallschicht, 4,70 kOhm, 0207, 0,6 W, 1%	https://www.reichelt.de/widerstand-metallschicht-4-70-kohm-0207-0-6-w-1--metall-4-70k-p11784.html?&trstct=pol_1&nbc=1
R57	100K	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	METALL 100K Widerstand, Metallschicht, 100 kOhm, 0207, 0,6 W, 1%	https://www.reichelt.de/widerstand-metallschicht-100-kohm-0207-0-6-w-1--metall-100k-p11458.html?&trstct=pol_0&nbc=1
R58	4.7K	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	METALL 4,70K Widerstand, Metallschicht, 4,70 kOhm, 0207, 0,6 W, 1%	https://www.reichelt.de/widerstand-metallschicht-4-70-kohm-0207-0-6-w-1--metall-4-70k-p11784.html?&trstct=pol_1&nbc=1
R59	1M	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	METALL 1,00M Widerstand, Metallschicht, 1,0 MOhm, 0207, 0,6 W, 1%	https://www.reichelt.de/widerstand-metallschicht-1-0-mohm-0207-0-6-w-1--metall-1-00m-p11404.html?&trstct=pol_0&nbc=1
R60	680R	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	METALL 680 Widerstand, Metallschicht, 680 Ohm, 0207, 0,6 W, 1%	https://www.reichelt.de/widerstand-metallschicht-680-ohm-0207-0-6-w-1--metall-680-p11942.html?&trstct=pol_1&nbc=1
R61	120K	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	1W 120K Widerstand, Metalloxyd, 120 kOhm, 0207, 1,0 W, 5%	https://www.reichelt.de/widerstand-metalloxyd-120-kohm-0207-1-0-w-5--1w-120k-p1783.html?&trstct=pol_1&nbc=1
R62	1M	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	METALL 1,00M Widerstand, Metallschicht, 1,0 MOhm, 0207, 0,6 W, 1%	https://www.reichelt.de/widerstand-metallschicht-1-0-mohm-0207-0-6-w-1--metall-1-00m-p11404.html?&trstct=pol_0&nbc=1
R63	680R	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	METALL 680 Widerstand, Metallschicht, 680 Ohm, 0207, 0,6 W, 1%	https://www.reichelt.de/widerstand-metallschicht-680-ohm-0207-0-6-w-1--metall-680-p11942.html?&trstct=pol_1&nbc=1
R64	120K	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	1W 120K Widerstand, Metalloxyd, 120 kOhm, 0207, 1,0 W, 5%	https://www.reichelt.de/widerstand-metalloxyd-120-kohm-0207-1-0-w-5--1w-120k-p1783.html?&trstct=pol_1&nbc=1
R65	220K	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	METALL 220K Widerstand, Metallschicht, 220 kOhm, 0207, 0,6 W, 1%	https://www.reichelt.de/widerstand-metallschicht-220-kohm-0207-0-6-w-1--metall-220k-p11628.html?&trstct=pol_1&nbc=1
R66	220K	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	METALL 220K Widerstand, Metallschicht, 220 kOhm, 0207, 0,6 W, 1%	https://www.reichelt.de/widerstand-metallschicht-220-kohm-0207-0-6-w-1--metall-220k-p11628.html?&trstct=pol_1&nbc=1
R67	4.7K	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	METALL 4,70K Widerstand, Metallschicht, 4,70 kOhm, 0207, 0,6 W, 1%	https://www.reichelt.de/widerstand-metallschicht-4-70-kohm-0207-0-6-w-1--metall-4-70k-p11784.html?&trstct=pol_1&nbc=1
R68	10K	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	METALL 10,0K Widerstand, Metallschicht, 10,0 kOhm, 0207, 0,6 W, 1%	https://www.reichelt.de/widerstand-metallschicht-10-0-kohm-0207-0-6-w-1--metall-10-0k-p11449.html?&trstct=pol_0&nbc=1
R69	1M	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	METALL 1,00M Widerstand, Metallschicht, 1,0 MOhm, 0207, 0,6 W, 1%	https://www.reichelt.de/widerstand-metallschicht-1-0-mohm-0207-0-6-w-1--metall-1-00m-p11404.html?&trstct=pol_0&nbc=1
R70	1M	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	METALL 1,00M Widerstand, Metallschicht, 1,0 MOhm, 0207, 0,6 W, 1%	https://www.reichelt.de/widerstand-metallschicht-1-0-mohm-0207-0-6-w-1--metall-1-00m-p11404.html?&trstct=pol_0&nbc=1
R71	680R	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	METALL 680 Widerstand, Metallschicht, 680 Ohm, 0207, 0,6 W, 1%	https://www.reichelt.de/widerstand-metallschicht-680-ohm-0207-0-6-w-1--metall-680-p11942.html?&trstct=pol_1&nbc=1
R72	120K	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	1W 120K Widerstand, Metalloxyd, 120 kOhm, 0207, 1,0 W, 5%	https://www.reichelt.de/widerstand-metalloxyd-120-kohm-0207-1-0-w-5--1w-120k-p1783.html?&trstct=pol_1&nbc=1
R73	100K	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	1W 100K Widerstand, Metalloxyd, 100 kOhm, 0207, 1,0 W, 5%	https://www.reichelt.de/widerstand-metalloxyd-100-kohm-0207-1-0-w-5--1w-100k-p1778.html?&trstct=pol_2&nbc=1
R74	220K	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	1W 220K Widerstand, Metalloxyd, 220 kOhm, 0207, 1,0 W, 5%	https://www.reichelt.de/widerstand-metalloxyd-220-kohm-0207-1-0-w-5--1w-220k-p1801.html?&trstct=pol_2&nbc=1
R75	220K	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	1W 220K Widerstand, Metalloxyd, 220 kOhm, 0207, 1,0 W, 5%	https://www.reichelt.de/widerstand-metalloxyd-220-kohm-0207-1-0-w-5--1w-220k-p1801.html?&trstct=pol_2&nbc=1
R76	680R	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	METALL 680 Widerstand, Metallschicht, 680 Ohm, 0207, 0,6 W, 1%	https://www.reichelt.de/widerstand-metallschicht-680-ohm-0207-0-6-w-1--metall-680-p11942.html?&trstct=pol_1&nbc=1
R77	22K	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	METALL 22,0K Widerstand, Metallschicht, 22,0 kOhm, 0207, 0,6 W, 1%	https://www.reichelt.de/widerstand-metallschicht-22-0-kohm-0207-0-6-w-1--metall-22-0k-p11622.html?&trstct=pol_0&nbc=1
R78	10K	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	METALL 10,0K Widerstand, Metallschicht, 10,0 kOhm, 0207, 0,6 W, 1%	https://www.reichelt.de/widerstand-metallschicht-10-0-kohm-0207-0-6-w-1--metall-10-0k-p11449.html?&trstct=pol_0&nbc=1
R79	10K	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	METALL 10,0K Widerstand, Metallschicht, 10,0 kOhm, 0207, 0,6 W, 1%	https://www.reichelt.de/widerstand-metallschicht-10-0-kohm-0207-0-6-w-1--metall-10-0k-p11449.html?&trstct=pol_0&nbc=1
R80	100K	Device:R	Resistor_THT:R_Axial_DIN0414_L11.9mm_D4.5mm_P15.24mm_Horizontal	2W METALL 100K Widerstand, Metalloxidschicht, 100 kOhm, 0414, 2 W, 5%	https://www.reichelt.de/widerstand-metalloxidschicht-100-kohm-0414-2-w-5--2w-metall-100k-p2313.html?&trstct=pol_1&nbc=1
R81	100K	Device:R	Resistor_THT:R_Axial_DIN0414_L11.9mm_D4.5mm_P15.24mm_Horizontal	2W METALL 100K Widerstand, Metalloxidschicht, 100 kOhm, 0414, 2 W, 5%	https://www.reichelt.de/widerstand-metalloxidschicht-100-kohm-0414-2-w-5--2w-metall-100k-p2313.html?&trstct=pol_1&nbc=1
R82	1K	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	METALL 1,00K Widerstand, Metallschicht, 1,00 kOhm, 0207, 0,6 W, 1%	https://www.reichelt.de/widerstand-metallschicht-1-00-kohm-0207-0-6-w-1--metall-1-00k-p11403.html?&trstct=pol_0&nbc=1
R83	1K	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	METALL 1,00K Widerstand, Metallschicht, 1,00 kOhm, 0207, 0,6 W, 1%	https://www.reichelt.de/widerstand-metallschicht-1-00-kohm-0207-0-6-w-1--metall-1-00k-p11403.html?&trstct=pol_0&nbc=1
R84	10K	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	METALL 10,0K Widerstand, Metallschicht, 10,0 kOhm, 0207, 0,6 W, 1%	https://www.reichelt.de/widerstand-metallschicht-10-0-kohm-0207-0-6-w-1--metall-10-0k-p11449.html?&trstct=pol_0&nbc=1
R85	10K	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	METALL 10,0K Widerstand, Metallschicht, 10,0 kOhm, 0207, 0,6 W, 1%	https://www.reichelt.de/widerstand-metallschicht-10-0-kohm-0207-0-6-w-1--metall-10-0k-p11449.html?&trstct=pol_0&nbc=1
R86	100K	Device:R	Resistor_THT:R_Axial_DIN0414_L11.9mm_D4.5mm_P15.24mm_Horizontal	2W METALL 100K Widerstand, Metalloxidschicht, 100 kOhm, 0414, 2 W, 5%	https://www.reichelt.de/widerstand-metalloxidschicht-100-kohm-0414-2-w-5--2w-metall-100k-p2313.html?&trstct=pol_1&nbc=1
R87	100K	Device:R	Resistor_THT:R_Axial_DIN0414_L11.9mm_D4.5mm_P15.24mm_Horizontal	2W METALL 100K Widerstand, Metalloxidschicht, 100 kOhm, 0414, 2 W, 5%	https://www.reichelt.de/widerstand-metalloxidschicht-100-kohm-0414-2-w-5--2w-metall-100k-p2313.html?&trstct=pol_1&nbc=1
R88	1K	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	METALL 1,00K Widerstand, Metallschicht, 1,00 kOhm, 0207, 0,6 W, 1%	https://www.reichelt.de/widerstand-metallschicht-1-00-kohm-0207-0-6-w-1--metall-1-00k-p11403.html?&trstct=pol_0&nbc=1
R89	1K	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	METALL 1,00K Widerstand, Metallschicht, 1,00 kOhm, 0207, 0,6 W, 1%	https://www.reichelt.de/widerstand-metallschicht-1-00-kohm-0207-0-6-w-1--metall-1-00k-p11403.html?&trstct=pol_0&nbc=1
R90	560R	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	METALL 560 Widerstand, Metallschicht, 560 Ohm, 0207, 0,6 W, 1%	https://www.reichelt.de/widerstand-metallschicht-560-ohm-0207-0-6-w-1--metall-560-p11882.html?&trstct=pol_1&nbc=1
R91	220R	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	METALL 220 Widerstand, Metallschicht, 220 Ohm, 0207, 0,6 W, 1%	https://www.reichelt.de/widerstand-metallschicht-220-ohm-0207-0-6-w-1--metall-220-p11627.html?&trstct=pol_1&nbc=1
R92	220K	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	1W 220K Widerstand, Metalloxyd, 220 kOhm, 0207, 1,0 W, 5%	https://www.reichelt.de/widerstand-metalloxyd-220-kohm-0207-1-0-w-5--1w-220k-p1801.html?&trstct=pol_2&nbc=1
R93	220K	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	1W 220K Widerstand, Metalloxyd, 220 kOhm, 0207, 1,0 W, 5%	https://www.reichelt.de/widerstand-metalloxyd-220-kohm-0207-1-0-w-5--1w-220k-p1801.html?&trstct=pol_2&nbc=1
R94	4.7K	Device:R	Resistor_THT:R_Axial_DIN0922_L20.0mm_D9.0mm_P25.40mm_Horizontal	VIS PR0300020473 Widerstand, Metallschicht, 4,7 kOhm, axial, 3 W, 5%	https://www.reichelt.de/widerstand-metallschicht-4-7-kohm-axial-3-w-5--vis-pr0300020473-p237022.html?&trstct=pol_1&nbc=1
R95	1K	Device:R	Resistor_THT:R_Axial_DIN0614_L14.3mm_D5.7mm_P20.32mm_Horizontal	VIT POS200JT-73 Widerstand, Metalloxyd, 1,0 kOhm, axial, 2 W, 5%	https://www.reichelt.de/widerstand-metalloxyd-1-0-kohm-axial-2-w-5--vit-pos200jt-73-p237007.html?&trstct=pol_3&nbc=1
R96	56K	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	1W 56K Widerstand, Metalloxyd, 56 kOhm, 0207, 1,0 W, 5%	https://www.reichelt.de/widerstand-metalloxyd-56-kohm-0207-1-0-w-5--1w-56k-p1834.html?&trstct=pol_1&nbc=1
R97	56K	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	1W 56K Widerstand, Metalloxyd, 56 kOhm, 0207, 1,0 W, 5%	https://www.reichelt.de/widerstand-metalloxyd-56-kohm-0207-1-0-w-5--1w-56k-p1834.html?&trstct=pol_1&nbc=1
R98	39K	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	1W 39K Widerstand, Metalloxyd, 39 kOhm, 0207, 1,0 W, 5%	https://www.reichelt.de/widerstand-metalloxyd-39-kohm-0207-1-0-w-5--1w-39k-p1820.html?&trstct=pol_1&nbc=1
R99	220R	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	METALL 220 Widerstand, Metallschicht, 220 Ohm, 0207, 0,6 W, 1%	https://www.reichelt.de/widerstand-metallschicht-220-ohm-0207-0-6-w-1--metall-220-p11627.html?&trstct=pol_1&nbc=1
R100	220R	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	METALL 220 Widerstand, Metallschicht, 220 Ohm, 0207, 0,6 W, 1%	https://www.reichelt.de/widerstand-metallschicht-220-ohm-0207-0-6-w-1--metall-220-p11627.html?&trstct=pol_1&nbc=1
R101	220R	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	METALL 220 Widerstand, Metallschicht, 220 Ohm, 0207, 0,6 W, 1%	https://www.reichelt.de/widerstand-metallschicht-220-ohm-0207-0-6-w-1--metall-220-p11627.html?&trstct=pol_1&nbc=1
R102	10K	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	METALL 10,0K Widerstand, Metallschicht, 10,0 kOhm, 0207, 0,6 W, 1%	https://www.reichelt.de/widerstand-metallschicht-10-0-kohm-0207-0-6-w-1--metall-10-0k-p11449.html?&trstct=pol_0&nbc=1
R103	10K	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	METALL 10,0K Widerstand, Metallschicht, 10,0 kOhm, 0207, 0,6 W, 1%	https://www.reichelt.de/widerstand-metallschicht-10-0-kohm-0207-0-6-w-1--metall-10-0k-p11449.html?&trstct=pol_0&nbc=1
R104	10K	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	METALL 10,0K Widerstand, Metallschicht, 10,0 kOhm, 0207, 0,6 W, 1%	https://www.reichelt.de/widerstand-metallschicht-10-0-kohm-0207-0-6-w-1--metall-10-0k-p11449.html?&trstct=pol_0&nbc=1
R105	10K	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	METALL 10,0K Widerstand, Metallschicht, 10,0 kOhm, 0207, 0,6 W, 1%	https://www.reichelt.de/widerstand-metallschicht-10-0-kohm-0207-0-6-w-1--metall-10-0k-p11449.html?&trstct=pol_0&nbc=1
R106	10K	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	METALL 10,0K Widerstand, Metallschicht, 10,0 kOhm, 0207, 0,6 W, 1%	https://www.reichelt.de/widerstand-metallschicht-10-0-kohm-0207-0-6-w-1--metall-10-0k-p11449.html?&trstct=pol_0&nbc=1
R107	1K	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	METALL 1,00K Widerstand, Metallschicht, 1,00 kOhm, 0207, 0,6 W, 1%	https://www.reichelt.de/widerstand-metallschicht-1-00-kohm-0207-0-6-w-1--metall-1-00k-p11403.html?&trstct=pol_0&nbc=1
R108	10K	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	METALL 10,0K Widerstand, Metallschicht, 10,0 kOhm, 0207, 0,6 W, 1%	https://www.reichelt.de/widerstand-metallschicht-10-0-kohm-0207-0-6-w-1--metall-10-0k-p11449.html?&trstct=pol_0&nbc=1
R109	220R	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	METALL 220 Widerstand, Metallschicht, 220 Ohm, 0207, 0,6 W, 1%	https://www.reichelt.de/widerstand-metallschicht-220-ohm-0207-0-6-w-1--metall-220-p11627.html?&trstct=pol_1&nbc=1
R110	470R	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	METALL 470 Widerstand, Metallschicht, 470 Ohm, 0207, 0,6 W, 1%	https://www.reichelt.de/widerstand-metallschicht-470-ohm-0207-0-6-w-1--metall-470-p11826.html?&trstct=pol_0&nbc=1
R111	470R	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	METALL 470 Widerstand, Metallschicht, 470 Ohm, 0207, 0,6 W, 1%	https://www.reichelt.de/widerstand-metallschicht-470-ohm-0207-0-6-w-1--metall-470-p11826.html?&trstct=pol_0&nbc=1
R112	470R	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	METALL 470 Widerstand, Metallschicht, 470 Ohm, 0207, 0,6 W, 1%	https://www.reichelt.de/widerstand-metallschicht-470-ohm-0207-0-6-w-1--metall-470-p11826.html?&trstct=pol_0&nbc=1
R113	470R	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	METALL 470 Widerstand, Metallschicht, 470 Ohm, 0207, 0,6 W, 1%	https://www.reichelt.de/widerstand-metallschicht-470-ohm-0207-0-6-w-1--metall-470-p11826.html?&trstct=pol_0&nbc=1
R114	470R	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	METALL 470 Widerstand, Metallschicht, 470 Ohm, 0207, 0,6 W, 1%	https://www.reichelt.de/widerstand-metallschicht-470-ohm-0207-0-6-w-1--metall-470-p11826.html?&trstct=pol_0&nbc=1
R115	470R	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	METALL 470 Widerstand, Metallschicht, 470 Ohm, 0207, 0,6 W, 1%	https://www.reichelt.de/widerstand-metallschicht-470-ohm-0207-0-6-w-1--metall-470-p11826.html?&trstct=pol_0&nbc=1
R116	10K	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	METALL 10,0K Widerstand, Metallschicht, 10,0 kOhm, 0207, 0,6 W, 1%	https://www.reichelt.de/widerstand-metallschicht-10-0-kohm-0207-0-6-w-1--metall-10-0k-p11449.html?&trstct=pol_0&nbc=1
R117	10K	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	METALL 10,0K Widerstand, Metallschicht, 10,0 kOhm, 0207, 0,6 W, 1%	https://www.reichelt.de/widerstand-metallschicht-10-0-kohm-0207-0-6-w-1--metall-10-0k-p11449.html?&trstct=pol_0&nbc=1
R118	10K	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	METALL 10,0K Widerstand, Metallschicht, 10,0 kOhm, 0207, 0,6 W, 1%	https://www.reichelt.de/widerstand-metallschicht-10-0-kohm-0207-0-6-w-1--metall-10-0k-p11449.html?&trstct=pol_0&nbc=1
R119	10K	Device:R	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	METALL 10,0K Widerstand, Metallschicht, 10,0 kOhm, 0207, 0,6 W, 1%	https://www.reichelt.de/widerstand-metallschicht-10-0-kohm-0207-0-6-w-1--metall-10-0k-p11449.html?&trstct=pol_0&nbc=1
R120	47R	Device:R	Resistor_THT:R_Axial_DIN0414_L11.9mm_D4.5mm_P15.24mm_Horizontal	2W METALL 47 Widerstand, Metalloxidschicht, 47 Ohm, 0414, 2 W, 5%	https://www.reichelt.de/widerstand-metalloxidschicht-47-ohm-0414-2-w-5--2w-metall-47-p2353.html?&trstct=pol_2&nbc=1
R121	100R	Device:R	Resistor_THT:R_Axial_DIN0414_L11.9mm_D4.5mm_P15.24mm_Horizontal	2W METALL 100 Widerstand, Metalloxidschicht, 100 Ohm, 0414, 2 W, 5%	https://www.reichelt.de/widerstand-metalloxidschicht-100-ohm-0414-2-w-5--2w-metall-100-p2312.html?&trstct=pol_0&nbc=1
RV1	250K log	Device:R_Potentiometer	00_Eigene:Poti_Con	Alpha Potentiometer 250 kOhm log / 16 mm	https://www.tube-town.net/ttstore/alpha-potentiometer-250-kohm-log-16-mm.html
RV2	250K log	Device:R_Potentiometer	00_Eigene:Poti_Con	Alpha Potentiometer 250 kOhm log / 16 mm	https://www.tube-town.net/ttstore/alpha-potentiometer-250-kohm-log-16-mm.html
RV3	250K log	Device:R_Potentiometer	00_Eigene:Poti_Con	Alpha Potentiometer 250 kOhm log / 16 mm	https://www.tube-town.net/ttstore/alpha-potentiometer-250-kohm-log-16-mm.html
RV4	250K log	Device:R_Potentiometer	00_Eigene:Poti_Con	Alpha Potentiometer 250 kOhm log / 16 mm	https://www.tube-town.net/ttstore/alpha-potentiometer-250-kohm-log-16-mm.html
RV5	220K lin	Device:R_Potentiometer	00_Eigene:Poti_Con	Alpha Potentiometer 250 kOhm linear / 16 mm	https://www.tube-town.net/ttstore/alpha-potentiometer-250-kohm-linear-16-mm.html
RV6	1M log	Device:R_Potentiometer	00_Eigene:Poti_Con	Alpha Potentiometer 1 MOhm log / 16 mm	https://www.tube-town.net/ttstore/alpha-potentiometer-1-mohm-log-16-mm.html
RV7	22K lin	Device:R_Potentiometer	00_Eigene:Poti_Con	Alpha Potentiometer 25 kOhm linear / 16 mm	https://www.tube-town.net/ttstore/alpha-potentiometer-25-kohm-linear-16-mm.html
RV8	220K lin	Device:R_Potentiometer	00_Eigene:Poti_Con	Alpha Potentiometer 250 kOhm linear / 16 mm	https://www.tube-town.net/ttstore/alpha-potentiometer-250-kohm-linear-16-mm.html
RV9	1M log	Device:R_Potentiometer	00_Eigene:Poti_Con	Alpha Potentiometer 1 MOhm log / 16 mm	https://www.tube-town.net/ttstore/alpha-potentiometer-1-mohm-log-16-mm.html
RV10	22K lin	Device:R_Potentiometer	00_Eigene:Poti_Con	Alpha Potentiometer 25 kOhm linear / 16 mm	https://www.tube-town.net/ttstore/alpha-potentiometer-25-kohm-linear-16-mm.html
RV11	220K lin	Device:R_Potentiometer	00_Eigene:Poti_Con	Alpha Potentiometer 250 kOhm linear / 16 mm	https://www.tube-town.net/ttstore/alpha-potentiometer-250-kohm-linear-16-mm.html
RV12	1M log	Device:R_Potentiometer	00_Eigene:Poti_Con	Alpha Potentiometer 1 MOhm log / 16 mm	https://www.tube-town.net/ttstore/alpha-potentiometer-1-mohm-log-16-mm.html
RV13	22K lin	Device:R_Potentiometer	00_Eigene:Poti_Con	Alpha Potentiometer 25 kOhm linear / 16 mm	https://www.tube-town.net/ttstore/alpha-potentiometer-25-kohm-linear-16-mm.html
RV14	220K lin	Device:R_Potentiometer	00_Eigene:Poti_Con	Alpha Potentiometer 250 kOhm linear / 16 mm	https://www.tube-town.net/ttstore/alpha-potentiometer-250-kohm-linear-16-mm.html
RV15	1M log	Device:R_Potentiometer	00_Eigene:Poti_Con	Alpha Potentiometer 1 MOhm log / 16 mm	https://www.tube-town.net/ttstore/alpha-potentiometer-1-mohm-log-16-mm.html
RV16	22K lin	Device:R_Potentiometer	00_Eigene:Poti_Con	Alpha Potentiometer 25 kOhm linear / 16 mm	https://www.tube-town.net/ttstore/alpha-potentiometer-25-kohm-linear-16-mm.html
RV17	470K log	Device:R_Potentiometer	00_Eigene:Poti_Con	Alpha Potentiometer 500 kOhm log / 16 mm	https://www.tube-town.net/ttstore/alpha-potentiometer-500-kohm-log-16-mm.html
RV18	470K log	Device:R_Potentiometer	00_Eigene:Poti_Con	Alpha Potentiometer 500 kOhm log / 16 mm	https://www.tube-town.net/ttstore/alpha-potentiometer-500-kohm-log-16-mm.html
RV19	470K log	Device:R_Potentiometer	00_Eigene:Poti_Con	Alpha Potentiometer 500 kOhm log / 16 mm	https://www.tube-town.net/ttstore/alpha-potentiometer-500-kohm-log-16-mm.html
RV20	470K log	Device:R_Potentiometer	00_Eigene:Poti_Con	Alpha Potentiometer 500 kOhm log / 16 mm	https://www.tube-town.net/ttstore/alpha-potentiometer-500-kohm-log-16-mm.html
RV21	470K log	Device:R_Potentiometer	00_Eigene:Poti_Con	Alpha Potentiometer 500 kOhm log / 16 mm	https://www.tube-town.net/ttstore/alpha-potentiometer-500-kohm-log-16-mm.html
RV22	1M log	Device:R_Potentiometer	00_Eigene:Poti_Con	Alpha Potentiometer 1 MOhm log / 16 mm	https://www.tube-town.net/ttstore/alpha-potentiometer-1-mohm-log-16-mm.html
RV23	22K log	Device:R_Potentiometer	00_Eigene:Poti_Con	TT Potentiometer 16 mm 25k log	https://www.tube-town.net/ttstore/tt-potentiometer-16-mm-25k-log.html
RV24	22K lin	Device:R_Potentiometer	00_Eigene:Poti_Con	Alpha Potentiometer 25 kOhm linear / 16 mm	https://www.tube-town.net/ttstore/alpha-potentiometer-25-kohm-linear-16-mm.html
RV25	100R	Device:R_Potentiometer	Potentiometer_THT:Potentiometer_Bourns_3386P_Vertical	BOU 3386P-1-101 Spindeltrimmer, 100 Ohm, linear	https://www.reichelt.de/spindeltrimmer-100-ohm-linear-bou-3386p-1-101-p238603.html?&trstct=pol_3&nbc=1
RV26	25K lin	Device:R_Potentiometer	Potentiometer_THT:Potentiometer_Piher_PT-10-V10_Vertical	PIH PTC10LV1253A Trimmpotentiometer, 25 kOhm, linear	https://www.reichelt.de/trimmpotentiometer-25-kohm-linear-pih-ptc10lv1253a-p232411.html?&trstct=pol_2&nbc=1
SW1	CH2_Brightness	Switch:SW_DPST_x2	00_Eigene:Elko_Wirepoints	APEM 5536A Kippschalter 250 V/AC 3 A 1 x Ein/Ein rastend	https://www.conrad.de/de/p/apem-5536a-kippschalter-250-v-ac-3-a-1-x-ein-ein-rastend-1-st-700337.html
SW2	CH1_Brightness	Switch:SW_DPST_x2	00_Eigene:Elko_Wirepoints	APEM 5536A Kippschalter 250 V/AC 3 A 1 x Ein/Ein rastend	https://www.conrad.de/de/p/apem-5536a-kippschalter-250-v-ac-3-a-1-x-ein-ein-rastend-1-st-700337.html
SW3	Power	Switch:SW_DPST_x2	OFFBOARD	Kippschalter APEM 641 H/2 - 2-Pol - EIN-AUS	https://www.tube-town.net/ttstore/kippschalter-apem-641-h-2-2-pol-ein-aus.html
SW4	Standby	Switch:SW_DPST_x2	00_Eigene:Elko_Wirepoints	Kippschalter APEM 641 H/2 - 2-Pol - EIN-AUS	https://www.tube-town.net/ttstore/kippschalter-apem-641-h-2-2-pol-ein-aus.html
SW5	EL34 / 6L6	Switch:SW_DPST_x2	00_Eigene:Elko_Wirepoints	Schiebeschalter Universal Miniatur, 2-pol Wechlser EIN-EIN	https://www.tube-town.net/ttstore/schiebeschalter-universal-miniatur-2-pol-wechlser-ein-ein.html
SW6	CH1_Front	Switch:SW_Push	00_Eigene:Elko_Wirepoints	TRU COMPONENTS LAS2Y-11/B/12V Drucktaster 250 V 3 A 1 x Aus/(Ein) tastend Blau	https://www.conrad.de/de/p/tru-components-las2y-11-b-12v-drucktaster-250-v-3-a-1-x-aus-ein-tastend-blau-ip40-1-st-2357017.html
SW7	CH2_Front	Switch:SW_Push	00_Eigene:Elko_Wirepoints	TRU COMPONENTS LAS2Y-11/B/12V Drucktaster 250 V 3 A 1 x Aus/(Ein) tastend Blau	https://www.conrad.de/de/p/tru-components-las2y-11-b-12v-drucktaster-250-v-3-a-1-x-aus-ein-tastend-blau-ip40-1-st-2357017.html
SW8	CH3_Front	Switch:SW_Push	00_Eigene:Elko_Wirepoints	TRU COMPONENTS LAS2Y-11/B/12V Drucktaster 250 V 3 A 1 x Aus/(Ein) tastend Blau	https://www.conrad.de/de/p/tru-components-las2y-11-b-12v-drucktaster-250-v-3-a-1-x-aus-ein-tastend-blau-ip40-1-st-2357017.html
SW9	CH4_Front	Switch:SW_Push	00_Eigene:Elko_Wirepoints	TRU COMPONENTS LAS2Y-11/B/12V Drucktaster 250 V 3 A 1 x Aus/(Ein) tastend Blau	https://www.conrad.de/de/p/tru-components-las2y-11-b-12v-drucktaster-250-v-3-a-1-x-aus-ein-tastend-blau-ip40-1-st-2357017.html
SW10	MIDI_Store	Switch:SW_Push	00_Eigene:Elko_Wirepoints	TRU COMPONENTS LAS2Y-11/B/12V Drucktaster 250 V 3 A 1 x Aus/(Ein) tastend Blau	https://www.conrad.de/de/p/tru-components-las2y-11-b-12v-drucktaster-250-v-3-a-1-x-aus-ein-tastend-blau-ip40-1-st-2357017.html
TP1	BIAS_T1	Connector:TestPoint	TestPoint:TestPoint_THTPad_D3.0mm_Drill1.5mm	RLP 100 Lötösen Printmontage, 100er-Pack	https://www.reichelt.de/loetoesen-printmontage-100er-pack-rlp-100-p15288.html?&trstct=pos_1&nbc=1
TP2	BIAS_T3	Connector:TestPoint	TestPoint:TestPoint_THTPad_D3.0mm_Drill1.5mm	RLP 100 Lötösen Printmontage, 100er-Pack	https://www.reichelt.de/loetoesen-printmontage-100er-pack-rlp-100-p15288.html?&trstct=pos_1&nbc=1
TP3	BIAS_T2	Connector:TestPoint	TestPoint:TestPoint_THTPad_D3.0mm_Drill1.5mm	RLP 100 Lötösen Printmontage, 100er-Pack	https://www.reichelt.de/loetoesen-printmontage-100er-pack-rlp-100-p15288.html?&trstct=pos_1&nbc=1
TP4	BIAS_T4	Connector:TestPoint	TestPoint:TestPoint_THTPad_D3.0mm_Drill1.5mm	RLP 100 Lötösen Printmontage, 100er-Pack	https://www.reichelt.de/loetoesen-printmontage-100er-pack-rlp-100-p15288.html?&trstct=pos_1&nbc=1
TP5	BIAS_COM	Connector:TestPoint	TestPoint:TestPoint_THTPad_D3.0mm_Drill1.5mm	RLP 100 Lötösen Printmontage, 100er-Pack	https://www.reichelt.de/loetoesen-printmontage-100er-pack-rlp-100-p15288.html?&trstct=pos_1&nbc=1
TR1	Ausgangsuebertrager	00_Eigene:Ausgangsuebertrager	00_Eigene:Uebertrager_Amp	Hammond1650TA UL-PP-Übertrager Raa=1,9k, P=120W Ultralinear	https://btb-elektronik.de/produkt/3740/hammond1650ta-ul-pp-uebertrager-raa1-9k--p120w--ultralinear/
TR2	Netztrafo	00_Eigene:Netztrafo	00_Eigene:Trafo_Amp	Ringkerntrafo BTB49931 330VA 0-325V-350V/0,7A 60V 6,3V/10A	https://btb-elektronik.de/produkt/5465/ringkerntrafo-btb49931-330va-0-325v-350v-0-7a-60v--6-3v-10a/
U1	ECC83	Valve:ECC83	Connector_PinSocket_2.54mm:PinSocket_1x09_P2.54mm_Vertical	7025 HIGHGRADE TAD Premium Selected	https://www.tubeampdoctor.com/7025-highgrade-tad-premium-selected?c=45
U2	ECC83	Valve:ECC83	Connector_PinSocket_2.54mm:PinSocket_1x09_P2.54mm_Vertical	ECC83-Cz TAD Premium Selected	https://www.tubeampdoctor.com/ecc83-cz-tad-premium-selected?number=RT003&c=45
U3	ECC83	Valve:ECC83	Connector_PinSocket_2.54mm:PinSocket_1x09_P2.54mm_Vertical	ECC83-Cz TAD Premium Selected	https://www.tubeampdoctor.com/ecc83-cz-tad-premium-selected?number=RT003&c=45
U4	ECC83	Valve:ECC83	Connector_PinSocket_2.54mm:PinSocket_1x09_P2.54mm_Vertical	ECC83-Cz TAD Premium Selected	https://www.tubeampdoctor.com/ecc83-cz-tad-premium-selected?number=RT003&c=45
U5	ECC83	Valve:ECC83	Connector_PinSocket_2.54mm:PinSocket_1x09_P2.54mm_Vertical	ECC83-Cz TAD Premium Selected	https://www.tubeampdoctor.com/ecc83-cz-tad-premium-selected?number=RT003&c=45
U6	ECC83	Valve:ECC83	Connector_PinSocket_2.54mm:PinSocket_1x09_P2.54mm_Vertical	ECC83-Cz TAD Premium Selected	https://www.tubeampdoctor.com/ecc83-cz-tad-premium-selected?number=RT003&c=45
U7	EL34	Valve:EL34	Connector_PinSocket_2.54mm:PinSocket_1x07_P2.54mm_Vertical	KT77JJ Red Label Powertube	https://btb-elektronik.de/produkt/4056/kt77jj-red-label-powertube-roehren-btb-matched-4x-quartett/
U8	EL34	Valve:EL34	Connector_PinSocket_2.54mm:PinSocket_1x07_P2.54mm_Vertical	KT77JJ Red Label Powertube	https://btb-elektronik.de/produkt/4056/kt77jj-red-label-powertube-roehren-btb-matched-4x-quartett/
U9	EL34	Valve:EL34	Connector_PinSocket_2.54mm:PinSocket_1x07_P2.54mm_Vertical	KT77JJ Red Label Powertube	https://btb-elektronik.de/produkt/4056/kt77jj-red-label-powertube-roehren-btb-matched-4x-quartett/
U10	EL34	Valve:EL34	Connector_PinSocket_2.54mm:PinSocket_1x07_P2.54mm_Vertical	KT77JJ Red Label Powertube	https://btb-elektronik.de/produkt/4056/kt77jj-red-label-powertube-roehren-btb-matched-4x-quartett/
U11	LM7812	Regulator_Linear:LM7812_TO220	Package_TO_SOT_THT:TO-220-3_Vertical	µA 78S12 Spannungsregler, fest, 12 V, 2 A, TO-220	https://www.reichelt.de/spannungsregler-fest-12-v-2-a-to-220--a-78s12-p23485.html?&trstct=pos_0&nbc=1
U12	LM7805	Regulator_Linear:LM7805_TO220	Package_TO_SOT_THT:TO-220-3_Vertical	µA 78S05 Spannungsregler, fest, +5 V, 2A, TO-220	https://www.reichelt.de/spannungsregler-fest-5-v-2a-to-220--a-78s05-p23481.html?&trstct=pos_0&nbc=1
U13	6N138	Isolator:6N138	Package_DIP:DIP-8_W7.62mm_Socket	6N 138 OPTOKOPPLER	https://www.reichelt.de/optokoppler-6n-138-p2859.html?&trstct=pos_0&nbc=1
U14	ATmega168-20P	MCU_Microchip_ATmega:ATmega168-20P	Package_DIP:DIP-28_W7.62mm_Socket	ATMEGA 168PA-PU 8-Bit-ATMega AVR Mikrocontroller, 16 KB, 20 MHz, DIP-28	https://www.reichelt.de/8-bit-atmega-avr-mikrocontroller-16-kb-20-mhz-dip-28-atmega-168pa-pu-p119682.html?&trstct=pos_9&nbc=1
U15	ULN2803A	Transistor_Array:ULN2803A	Package_DIP:DIP-18_W7.62mm_Socket	ULN 2803A Eight-Darlington-Arrays, DIL-18	https://www.reichelt.de/eight-darlington-arrays-dil-18-uln-2803a-p22085.html?&trstct=pos_0&nbc=1
Y1	7,3728MHz	Device:Crystal	Crystal:Crystal_HC49-U_Vertical	7,3728-HC49U-S Standardquarz, Grundton, 7,372800 MHz	https://www.reichelt.de/standardquarz-grundton-7-372800-mhz-7-3728-hc49u-s-p32844.html?&trstct=pol_0&nbc=1