

Stückliste exportiert aus C:/Users/Leon/AppData/Local/Temp/Neutron/ElectronFileOutput/14372/sch-06216c19-e44b-450a-8892-8c042def1b8f/RESC_V2 v60.sch am 19.01.2025 17:21

Qty	Value	Device	Footprint Name	Parts	Detailed Description
3	0	R-EU_R0603	R0603	R34, R113, R115	RESISTOR, European symbol
3	0	R-EU_R1206	R1206	R44, R45, R46	RESISTOR, European symbol
1	1	R-EU_R1206	R1206	R10	RESISTOR, European symbol
1	100	R-EU_R0603	R0603	R22	RESISTOR, European symbol
6	100	R-EU_R1206	R1206	R53, R54, R57, R58, R61, R62	RESISTOR, European symbol
9	100k	R-EU_R0603	R0603	R4, R5, R7, R8, R13, R18, R81, R98, R101	RESISTOR, European symbol
6	100nF	C-EUC0603	C0603	C8, C10, C17, C19, C34, C67	CAPACITOR, European symbol
4	100nF	C-EUC0805	C0805	C12, C21, C25, C27	CAPACITOR, European symbol
1	100uF/35V	CPOL-EUE3.5-8	E3,5-8	C23	POLARIZED CAPACITOR, European symbol
19	10k	R-EU_R0603	R0603	R20, R23, R24, R25, R26, R35, R38, R39, R66, R78, R83, R111, R118, R119, R120, R121, R122,	RESISTOR, European symbol

				R123, R124
3	10uF	C-EUC1206	C1206	C45, CAPACITOR, C47, European C49 symbol
1	120k	R-EU_R0603	R0603	R79 RESISTOR, European symbol
3	15pF	C-EUC0603	C0603	C42, CAPACITOR, C43, European C44 symbol
				C5, C28, C29, C59,
11	1nF	C-EUC0603	C0603	C60, CAPACITOR, C61, European C62, symbol
				C63, C64, C65, C66
2	1uF	C-EUC0805	C0805	C9, CAPACITOR, C18 European symbol
				C4, C30,
7	2.2uF	C-EUC0603	C0603	C51, CAPACITOR, C53, European C55, symbol
				C57, C69
				C7, C13, C16, C22, C24,
13	2.2uF	C-EUC0805	C0805	C26, CAPACITOR, C35, European C36, symbol
				C37, C38, C39, C40, C41
3	2.2uF/100V	C-EUC1210	C1210	C52, CAPACITOR, C54, European C56 symbol
3	2.2uF/100V	CPOL-EUE2-5	E2-5	C46, POLARIZED C48, CAPACITOR, C50 European symbol
				R29, R30, R31, R32,
10	20	R-EU_R0603	R0603	R88, RESISTOR, R89, European R90, symbol
				R91, R92, R93

3	200	R-EU_R0603	R0603	R47, R48, R49	RESISTOR, European symbol
8	22-23-2021	22-23-2021	22-23-2021	X3, X4, X6, X7, X8, X13, X18, X20	.100" (2.54mm) Center Header - 2 Pin
2	22-23-2031	22-23-2031	22-23-2031	X12, X19	.100" (2.54mm) Center Header - 3 Pin
5	22-23-2041	22-23-2041	22-23-2041	X14, X15, X16, X17, X22	.100" (2.54mm) Center Header - 4 Pin
2	22-23-2051	22-23-2051	22-23-2051	X5, X21	.100" (2.54mm) Center Header - 5 Pin
1	220uF/50V	CPOL-EU	E5-13	C14	POLARIZED CAPACITOR, European symbol
6	22k	R-EU_R1206	R1206	R55, R59, R63, R68, R69, R112	RESISTOR, European symbol
2	22uF/50V	CPOL-EUE2-5	E2-5	C6, C15	POLARIZED CAPACITOR, European symbol
1	24k3	R-EU_R0603	R0603	R9	RESISTOR, European symbol
3	280	R-EU_R1206	R1206	R42, R43, R52	RESISTOR, European symbol
6	2N7002,215	2N7002,215	SOT23-3	Q12, Q19, Q21, Q22, Q24, Q25	MOSFET N- CH 60V 300MA SOT- 23
12	2k2	R-EU_R0603	R0603	R3, R11, R12, R17, R40, R41, R80, R87, R94, R99,	RESISTOR, European symbol

				R104, R108	
1	2k7	R-EU_R0603	R0603	R14	RESISTOR, European symbol
2	3557-2	3557-2	M60	F1, F2	
1	39k	R-EU_R0603	R0603	R2	RESISTOR, European symbol
2	4.7nF	C-EUC0603	C0603	C31, C58	CAPACITOR, European symbol
7	470	R-EU_R0603	R0603	R65, R70, R71, R72, R73, R74, R75	RESISTOR, European symbol
1	470pF	C-EUC0603	C0603	C3	CAPACITOR, European symbol
4	47pF	C-EUC0603	C0603	C2, C11, C20, C32	CAPACITOR, European symbol
1	480	R-EU_R1206	R1206	R51	RESISTOR, European symbol
20	4k7	R-EU_R0603	R0603	R16, R19, R76, R77, R82, R85, R86, R95, R96, R97, R100, R102, R103, R105, R106, R107, R109, R110, R114, R116	RESISTOR, European symbol
5	63849-1	63849-1	63849-1	X1, X2, X9, X10, X11	
1	652-SRN1060-220M	7847870SRN1016	SRN1016	L2	
1	652-SRN1060-330M	7847870SRN1016	SRN1016	L1	
1	680uF/100V	CPOL-EUE10-35	EB35D	C1	POLARIZED CAPACITOR, European symbol

1	6k2	R-EU_R0603	R0603	R15	RESISTOR, European symbol
1	6k8	R-EU_R0603	R0603	R21	RESISTOR, European symbol
1	910	R-EU_R1206	R1206	R50	RESISTOR, European symbol
1	9k09	R-EU_R0603	R0603	R6	RESISTOR, European symbol
1	ABM3B-8.000MHZ-10-1-U-T	7BFREQUENCY_8MHZ	OSCSC500X320X105-4N	XTAL1	CRYSTAL 8MHZ to 40MHZ 18PF SMD
4	AD8418	AD8418	SOP65P490X110-8N	IC1, IC9, IC10, IC11	
1	AZ1117IH-3.3TRG1	AZ1117IH-3.3TRG1	SOT230P700X170-4	IC4	
5	BAS40	BAS40	SOT23	D20, D21, D22, D24, D25	Silicon Schottky Diodes
2	BAT54S	BAT54S	SOT23	D1, D27	Schottky Diodes
12	BC817-40LT1SMD	BC817-40LT1SMD	SOT23-BEC	Q1, Q2, Q3, Q10, Q11, Q13, Q16, Q17, Q18, Q20, Q23, Q26	NPN Transistor
1	BLM18PG471SN1D	R-EU_R0603	R0603	R33	RESISTOR, European symbol
1	BM08B-SRSS-TB(LF)(SN)CONN_BM08B-SRSS-TB(LF)(SN)_JST	BM08B-SRSS-TB(LF)(SN)CONN_BM08B-SRSS-TB(LF)(SN)_JST	CONN_BM08B-SRSS-TB(LF)(SN)_JST	J1	
6	DIODE	DIODEDO-214AA(SMB)	DIOM5336X265N	D14, D15, D16, D17, D18, D19	Diode Rectifier - Generic
1	GREEN	CHIP-FLAT-B_1206	LEDC3216X75N_FLAT-B	D9	
6	IPB035N08N3GATMA1	IPB035N08N3GATMA1	PG-TO263-3	Q4, Q5, Q6, Q7, Q8, Q9	MOSFET N- CH 80V 100A D2PAK
1	IPD034N06N3	IPD034N06N3	TO252	Q14	

3	IR2101S	IR2101S	SO08	IC6, IC7, IC8	HIGH AND LOW SIDE DRIVER
1	JD2912-1Z-12VDC	JD2912-1Z-12VDC	JD2912-1Z-12VDC	K1	
2	LM393-SPLIT	LM393-SPLIT	SOIC127P600X175-8	IC5, IC12	
2	LMR36520	LMR36520	HSOIC	IC2, IC3	
4	NC	R-EU_R0603	R0603	R27, R28, R36, R37	RESISTOR, European symbol
1	NC	R-EU_R1206	R1206	R67	RESISTOR, European symbol
1	NTC 10K	22-23-2021	22-23-2021	X23	.100" (2.54mm) Center Header - 2 Pin
5	PMEG6020AELRX	DIODE_MM5D4148T1G_SOD123G	SOD3715X135	D4, D11, D12, D13, D23	Diode Rectifier - Popular parts
1	RED	CHIP-FLAT-B_1206	LEDC3216X75N_FLAT-B	D10	
2	SQ2389CES-T1	PMOSFET_SOT23-GSD	SOT23	Q15, Q27	P-Channel MOSFET - Generic
1	STM32F405RGT6LQFP64-10X10MM	STM32F405RGT6LQFP64-10X10MM	LQFP64-10X10MM	U1	
1	VPR138/94-M3	VPR138/94-M3	VPR138/94-M3	HS1	
4	WSLP2726	WSLP2726	WSLP2726	R1, R56, R60, R64	
3	Yellow	CHIP-FLAT-B_1206	LEDC3216X75N_FLAT-B	D5, D6, D7	
1	ZM12V6	ZENER_TZM5231BDO-213AA(SOD-80)	DIOMELF3516	D2	Zener Diode - Popular parts
1	ZM5V6	ZENER_TZM5231BDO-213AA(SOD-80)	DIOMELF3516	D3	Zener Diode - Popular parts