

BOM Filter-2

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<u>Qty</u>	<u>Value</u>	<u>Device</u>	<u>Package</u>	<u>Parts</u>	<u>Distributor</u>	<u>Order No.</u>
THT: Wire Components:						
6	T200-2	Amidon Core		L16, L17, L18, L20, L21, L22	Amidon	T200-2
5	T200-6	Amidon Core		L7, L10, L13, L14, L15	Amidon	T200-6
12	G5RL-1E-HR-12V	G2RE	G2RE	K1, K2, K3, K4, K5, K6, K7, K8, K9, K10, K11, K12	Distrelec	G5RL-1-E-HR
1	Pinheader 8x1			JP7	Reichelt	DC12
10	copper wire dia=1.5mm			enamelled copper wire	various	MPE 087-1-036
7	copper wire dia=2.0mm			enamelled copper wire	various	
4	6n8	FKP1 Cap. 1,6KV	C225-074X268	C18, C19, C20, C21	Reichelt	FKP1-1600 6,8N
2	470p	FKP1 Cap. 2KV	C150-064X183	C10, C13	Reichelt	FKP1-2000 470P
2	680p	FKP1 Cap. 2KV	C150-064X183	C31, C34	Reichelt	FKP1-2000 680P
6	1n	FKP1 Cap. 2KV	C225-062X268	C14, C17, C32, C33	Reichelt	FKP1-2000 1,0N
2	1n5	FKP1 Cap. 2KV	C225-074X268	C35, C38	Reichelt	FKP1-2000 1,5N
4	2n2	FKP1 Cap. 2KV	C225-074X268	C11, C12, C36, C37	Reichelt	FKP1-2000 2,2N
4	3n3	FKP1 Cap. 2KV	C225-074X268	C15, C16	Reichelt	FKP1-2000 3,3N
SMD Components:						
18	100n	SMD capacitor	C0603K	C43, C44, C45, C46, C47, C48, C49, C50, C51, C52, C53, C54, C55, C56, C57, C64, C65, C67	various	
23	10p	SMD capacitor	C1812K	C22, C23, C24, C25, C27, C28, C29, C30, C58, C59, C62, C63, C66, C72, C80, C81, C82, C83, C85, C91, C97, CE1, CE2	farnell	1855986RL
6	15p	SMD capacitor	C1812K	C68, C71, C79, C84, C86, C87	Rs-online	669-8662P
23	22p	SMD capacitor	C1812K	C1, C2, C3, C4, C5, C6, C26, C60, C61, C69, C70, C73, C74, C75, C76, C77, C78, C90, C94, C95, C96, C100, C101, C89, C92, C93, C98, C99, C102, C103, C104, C105, C106, C107, C108, C109, C110, C111, C112, C113, C114, C115, C116, C117	Rs-online	669-8662 603- CC812JKNPOEB
25	47p	SMD capacitor	C1812K		mouser	N470
12	10ohm	SMD resistor	R0603	R2, R4, R5, R8, R9, R12, R13, R16, R17, R20, R21, R24	various	
6	1k	SMD resistor	R0603	R3, R7, R11, R15, R19, R23	various	
6	100k	SMD resistor	R0603	R1, R6, R10, R14, R18, R22	various	
12	SS110B	Schottky Diode	DO214-AA	D1, D2, D3, D4, D5, D6, D7, D8, D9, D10, D11, D15	Rs-online	688-2110
6	IRLML2502	BS170_SMD	SOT23	Q1, Q2, Q3, Q4, Q5, Q6	Reichelt	
1	PCB				Helitron.de	