

Refs	Value	Quantity	SKU	Sinuss	Digikey	Price Sinuss	Price Digikey
C1, C2, C3, C4, C5, C8, C9, C16, C17, C42	0.1uF, 25V	10	MC0603B104K250CT	1759037	not listed alternatives my choice	1.5€	
C6, C7, C10, C11, C12, C13, C14	2.2uF	7	GRM188R61E225KA12D	1845734	490-10731-2-ND	1.1€	0.91€
C15	22uF	1	GRM21BR61E226ME44L	1907510	490-10749-2-ND	0.36€	0.34€
C18, C19, C20, C21	0.15uF	4	C2225X154KDRACTU	2676668	399-C2225X154KDRAC7800TR-ND	15.52€	11.44€
C22, C23, C24, C25, C26, C27, C28, C29, C30, C31, C32, C33, C34, C35, C36, C37, C38, C39, C40, C41	0.1uF	20	C2225C104KFRACTU	2676659	399-C2225C104KFRAC7800TR-ND 399-18116-2-ND	104.39€	43.46€
D1, D2, D3, D4, D6, D9	1A 800V	6	US1K-E3/61T	2335178	US1K-E3/61TGITR-ND	3.54€	2.04€
D5	40V 1A	1	MBRM140T3	1459068	MBRM140T3OSTR-ND (unavailable) 150-UPS5819E3/TR7TR-ND (alternative)	0.89€	0.41€

D7	red, 20mA, 2V, 0603	1	KPT-1608EC	2099221	not listed alternatives my choice	0.29€	
D8	green, 20mA, 2.1V, 0603	1	KPT-1608CGCK	2099220	not listed alternatives my choice (get same supplier as red above)	0.32€	
J1	USB micro	1	629105150521	2470822	732-5960-2-ND	3.36€	2.01€
J2, J3, J6	Coax	3	SMA-J-P-H-ST-EM3	2856819 (sold out)	SAM9950-ND	40.65€	16.77€
L1	Ferrite bead	1	BLM18PG600SN1D	1515746	490-1036-2-ND	0.14€	0.09€
L2	Inductor 10uH	1	LQH43CN100K03L	1515459	490-2519-2-ND	0.78€	0.35€
Q1	Power N Mosfet	1	STT6N3LLH6	3130139	497-13591-2-ND	1.41€	0.67€
Q2	IGBT	1	IKW40N120H3FKSA1	1832351	IKW40N120H3FKSA1-ND	8.46€	7.85€
R1, R3, R4, R7	10k	4	CRGH0603J10K	2331740	A126394TR-ND	0.02€	0.09€
R2, R11	10m, 50v, 100mW, +-1%, 0603	2	MCWR06W1005FTL	2447232	not listed alternatives my choice	0.06€	
R5	22k1, 75v, 100mW, 0603	1	MCWR06X2212FTL	2694776	not listed alternatives my choice	0.03€	
R6	2k, 50v, 100mW, 0603	1	MCWR06X2001FTL	2447319	not listed alternatives my choice	0.01€	

R8, R10	64r9	2	CRCW060364R9FKEA	2141257	541-64.9HTR-ND	0.20€	0.18€
R9	4r99	1	CRCW06034R99FKEA	2616753	541-4.99HHTR-ND	0.09€	0.09€
U1	STM32	1	STM32F205RET6	2060897	497-11155-ND	19.14€	10.79€
U2	FTDI	1	FT232RL	unlisted (also on Farnell)	768-1007-2-ND		4.38€
U3	1A, 1.2Mhz	1	MIC2288YD5-TR	2509929	576-1729-2-ND	1.29€	0.67€
U4, U5	3.3v regulator	2	LD1117S33TR	1202826 (sold out)	497-1242-2-ND	2.06€	1.14€
U6	Mosfet driver	1	MCP1407-E/SN	1332080	MCP1407-E/SN-ND	2.41€	1.25€
U7	Transformer	1	SCS-200L	2526945 (sold out)	not listed	5.09€	
U8	or gate	1	74LVC1G32GW,125	1631689	1727-3102-2-ND	0.76€	0.33€