

Item	Quantity	Reference part	value	Type	Order Code
1	25	C1,C2,C3,C4,C5,C8,C9,C10 C11,C12,C15,C16,C17,C18 C19,C20,C21,C22,C23,C24 C25,C26,C29,C31,C100	100nF	SMD0805	
2	2	C6,C7	15pF	SMD0805	
3	1	C13	1uF	SMD0805	
4	2	C14,C32	10 nF	SMD0805	
5	2	C27,C30	100 uF	SMD0805	
6	1	C28	470 uF	SMD0805	
7	10	D1,D2,D3,D4,D6,D7,D8,D9, D10,D11	HLMP3 (LED diodes)	SMD1206	
9	1	D12	1N4001 Diode		
10	1	JF1	Strip 2x6 2.54 mm pitch		
11	14	JP1,JP2,JP3,JP4,JP5,JP6, JP7,JP8,JP9,J207,J208, J209,J210,J211	JUMPER 2 pin 2.54 mm pitch		
12	1	JP10	Strip 12x2 2.54 mm pitch		
13	3	J1,J2,J6	CON2 2 pin 2.54 mm pitch		
14	1	J3	Strip 1x4 2.54 mm pitch		
15	4	J200,J202,J203,J205	CON34A 2.54 mm pitch		
16	1	J201	CON14A 2.54 mm pitch		
17	1	J206	Strip 3x8 2.54 mm pitch		
18	2	P1P3	CONNECTOR DB9 MALE		
19	2	P2,P4	CONNECTOR DB9 FEMALE		
21	3	R1,R15,R22	1k	SMD1206	
22	2	R2,R3	120	SMD1206	

23	3	R4,R10,R13	390R	SMD1206	
24	1	R5	220R	SMD1206	
25	4	R6,R7,R8,R9	4.7K	SMD1206	
26	2	R11,R12	0R	SMD1206	
27	1	R14	220K	SMD1206	
28	2	R16,R17	1.5K	SMD1206	
29	1	R18	10K Res strip 1x9 2.54mm pitch		
30	1	R19	0	SMD1206	
31	1	R20	10K Trimmer	SMD1206	
32	1	R21	1.5K Res strip 1x9 2.54mm pitch		
33	24	R23,R24,R25,R26,R27,R28, R29,R30,R31,R32,R33,R34, R35,R36,R37,R38,R39,R40, R41,R42,R43,R44,R45,R46	10K	SMD1206	
34	1	SW1	Reset Button	Push button switch	
35	3	SW2,SW3,SW5	SW DIP-8	DIP-8 switch	
36	1	SW4	Strip 1x3 2.54 mm pitch		
37	1	SW6	GP Button	Push button switch	
38	1	U1	XTAL	Crystal 8 MHZ	
39	1	U2	ST202E	SMD SO16	ST202EBD
40	1	U3	ST10F276	PQFP144	ST10F276Z5Q3
41	2	U4,U5	L9616	SMD SO-8	L9616-TR

42	1	U6	ST3378E	TSSOP14	ST3378ETTR
43	1	U7	ST485A	SMD SO8	ST485ABDR
44	2	U8,U9	Strip 1x3 2.54 mm pitch		
45	1	U10	STM811	SMD – SOT143-4	STM811LW16F
46	1	U11	74HCF132	SMD –SO14	M74HCT132M1R
47	1	U12	LF33	DPAK	LF33CDT
48	1	U13	LF50	DPAK	LF50CDT
49	4	U14,U15,U16,U17	Strip 2x18 2.54 mm pitch		