

Component	Value	Quantity	Ref.	Comments
Multilayer/ceramic capacitor	22pF	2	C1,C2	
Multilayer/ceramic capacitor	100nF	2	C4,C5	
Electrolytic capacitor	1uF/16v	1	C3	Low profile (8mm height)
10 pin Right Angle Polarized IDC Header	----	1	CT1	
6 pin Right Angle Polarized IDC header	---	1	H3	
3mm LED	Green	1	D1	
3mm LED	Red	1	D2	
2 pin through-hole male molex connector	2.54mm	1	M1	Straight
2 pin through-hole male molex connector	2.54mm	1	M2	Right angle
1x4 male straight header	----	2	M4, M5	
1x4 male right angle header	----	1	M6	
1x3 male straight header	---	8	Servos	
1/4w resistor	10K	1	R1	
1/4w resistor	680	2	R3, R4	
1/4w resistor	4K7	2	R5,R6	
Push button, through-hole	---	2	S1,S2	
Through-hole right-angle on-off switch	---	1	SW1	
Quartz Crystal	16Mhz	1	X1	
300mil wide 28-pin socket	----	1	U1	
Atmega 168 ATMEL microcontroller	---	1	U1	