

Qty	Value	Device	Parts	
2	100R	Resistor	R6, R11	
9	1K	Resistor	R1, R4, R7, R8, R9, R10, R12, R13, R18	
3	10K	Resistor	R3, R5, R15	
2	100K	Resistor	R2, R14	
2	1M	Resistor	R16, R17	
2	1N4004	Rectifier Diode	D1, D2	*
1		28 pin DIL Socket	IC1	
4	2N3904	Transistor	Q1, Q2, Q3, Q4	
2	100n	Ceramic Capacitor	C1, C3	
1	10u	Electrolytic Capacitor	C2	*
1	16Mhz	Resonator	Y1	
1	M08X2	Header	U\$2	
1	M06X1	Header	JP1	
2	PTCPTH	Resettable Fuse	F1, F2	
1	ATMEGA168	Microcontroller	IC1	
6	10K	Potentiometer	FILLA, FILLB, ROTA, ROTB, STEPA, STEPB	
5		Jack	CLKA, CLKB, CLKIN, CLKTH, RSTIN	
3	on-off-on	SWITCH-SPST	S1, S2, S3	
3	3mm	LED	LEDA, LEDB, LEDC	*
6	6mm shaft	Knobs		
5	hex	lock nuts		

\* Warning polarised component  
LED long leg (cathode) right

