

C1	18pF disc capacitor
C2	18pF disc capacitor
C3	0.1 uF ceramic capacitor
C4	0.22 capacitor
C5	0.1 uF ceramic capacitor
C6	22 uF aluminum or tantalum electrolytic capacitor
D0	KingBright SA08-11GWA 7-segment Green LED Display
D1	KingBright SA08-11GWA 7-segment Green LED Display
D2	KingBright SA08-11GWA 7-segment Green LED Display
D3	KingBright SA08-11GWA 7-segment Green LED Display
D4	6V 5 watt zener diode, 1N5340BG
D5	5.1V, .5 watt zener diode, TZX5V1B-TR
J1	4 terminal barrier block connector, Molex 38720-6204
J2	Power connector, as required
Q0	KSB1116 PNP transistor
Q1	KSB1116 PNP transistor
Q2	KSB1116 PNP transistor
Q3	KSB1116 PNP transistor
Q4	QSC112 infrared phototransistor
R0	620 ohm, 1/8 watt resistor
R1	620 ohm, 1/8 watt resistor
R2	620 ohm, 1/8 watt resistor
R3	620 ohm, 1/8 watt resistor
R4	110 ohm, 1/8 watt resistor
R5	110 ohm, 1/8 watt resistor
R6	110 ohm, 1/8 watt resistor
R7	110 ohm, 1/8 watt resistor
R8	110 ohm, 1/8 watt resistor
R9	110 ohm, 1/8 watt resistor
R10	110 ohm, 1/8 watt resistor
R11	110 ohm, 1/8 watt resistor
R12	110 ohm, 1/8 watt resistor
R13	2.7K, 1/4 watt resistor
R14	360 ohm, 1/4 watt resistor
R15	100K, 1/4 watt resistor
R16	12K, 1/4 watt resistor
R17	270 ohm, 1/4 watt resistor
R18	1.3K, 1/4 watt resistor
R19	27K, 1/4 watt resistor
SW1	SPST toggle switch
U1	Microcontroller IC, 20 pin DIP, Atmel ATTINY461-20PU
U2	LF50CV 5V regulator
X1	8MHz crystal, Vishay/Dale XT9SNLANA8M

Power supply, 9 VDC at >= 250 ma.

Enclosure, Serpac A-31-BLACK

Plastic angle bracket for PCB, in Prime-Line Drawer Track Kit from Home Depot

20 pin IC socket, Tyco/Amp 820-AG11D-ESL-LF

TO220 Heatsink, Wakefield 274-1AB