




























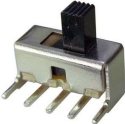

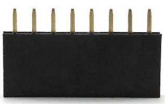
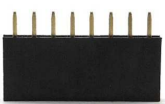













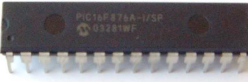

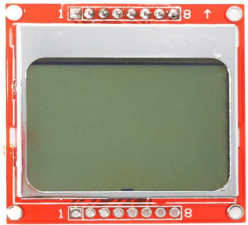
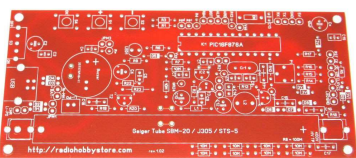
Components List “MyGeiger” PCB edition 1.02

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Image	Name	Quantity	Value	Description
	R10, R12	2	100 ohm	¼ W resistor
	R11	1	220 ohm	¼ W resistor
	R6, R14, R15	3	1K ohm	¼ W resistor
	R1, R3, R4, R9, R13, R16, R17, R19, R21	9	10K ohm	¼ W resistor
	R23	1	100K ohm	¼ W resistor
	R24	1	47 ohm	¼ W resistor
	R2	1	68K ohm	¼ W resistor
	R5	1	300 ohm	¼ W resistor
	R20	1	470K ohm	¼ W resistor
	R22	1	47K ohm	¼ W resistor
	R7	1	100K ohm	¼ W resistor 1%
	R18, 10x10M	11	10M ohm	¼ W resistor 1%
	P1	1	5K ohm	HV Trimmer
	C1, C3, C6, C7 C13, C9, C19, C14	8	100nF	Ceramic Capacitor (104)
	C5, C8	2	22pF	Ceramic Capacitor (220 or 22)
	C18	1	220pF/270pF	Ceramic Capacitor (221 or 271)
	C15, C16, C17	3	10nF	HV Capacitor (103)

	C11	1	10nF	Polyester Film Box (103)
	C2, C4	2	470uF	Electrolytic Capacitor
	C10, C12	2	100uF	Electrolytic Capacitor
	D6, D7, D8	3	1N4936	Fast Rectifier Diode
	D1, D2, D3, D4	4	1N60	Shotky Diode
	D5	1	1N4148	Small Signal Diode
	D9	1	BZX55-3.3V	Zener Diode
	LED1	1	LED	3mm LED
	LED Holder	1	Plastic Holder	3mm LED Holder
	L1	1	100uH	Axial Inductor
	L2	1	10mH	Radial Inductor
	Cr1	1	4.000MHz	Crystal HS-49S
	S3	1	Slide Switch	On/Off switch

	S1, S2, S4	3	Tact Switch	Controlling Buttons
	Buzzer	1	Piezo Buzzer	Passive Type
	8 Pin Female Header	1	8 Pin	LCD Connector
	3 Pin Female Header	1	3 Pin	LCD Connector
	8 Pin Right Angle Header	1	8 Pin	TTL Module, ARD, BOT, ALR connector
	8 Pin Male Header	1	8 Pin	JMP3, JMP1, LIPO, NIMH connector
	11 Pin Male Long Header	2	3 Pin + 8 Pin	LCD Connector
	JMP1, JMP3	2	Jumper Cup	Power supply configuration, Buzzer configuration
	DIP1	1	DIP Switch 1 Position	Programming Jumper
	USB	1	USB Type B	Power Supply Connector
	Tube Clips	2	Tube Clips	SBM-20 Holder
	Standoff	4	Plastic Standoff	M3

	Screw	4	Metal Screw	M3
	T1	1	MPSA42	HV NPN Transistor
	T2, T3	2	2N3904	NPN Transistor
	IC2	1	LM385B25	VREF IC
	IC1	1	PIC16F876A	Pre-Programmed Microcontroller
	Socket	1	DIP 28	IC socket
	Nokia LCD 3310	1	5110 PCB Adapter	RS, CE, DC, DIN, CKL, VCC, LIGHT, GND Pin-out
	PCB	1	1.02 Revision	Double Layer High Quality PCB

Note: Do not rely on resistor color code! Check it with multimeter. Some resistors may be supplied from 1% Metal Film stock, even it stated as 5% Carbon Film. R24-47 ohm resistor may be supplied as 36-56 ohm, depend on stock. C18 capacitor may be supplied as 220pF, 270pF or as 330pF, depend on stock.

We have no obligation for LCD backlight color and LED1 color. LCD backlight and LED1 color depend on stock at the date of purchase.

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