

ElectroMagneticListeningDevice – Bill of Materials (github.com/UEPro/EMLD)

Type	Manufacturer	Model	Specification	Package	Value	N	Part-Nr	Designators
Resistor	Royal Ohm	Metal film resistor	0,6W; 250V; 50ppm/K	THT-axial	1 kΩ ±1%	4	MF006FF1001A50	R1-2, R5-6
Resistor	Royal Ohm	Metal film resistor	0,6W; 250V; 50ppm/K	THT-axial	10 kΩ ±1%	1	MF006FF1002A50	R10
Resistor	Royal Ohm	Metal film resistor	0,6W; 250V; 50ppm/K	THT-axial	47 kΩ ±1%	4	MF006FF1203A50	R3-4, R7-8
Resistor	Royal Ohm	Metal film resistor	0,6W; 250V; 50ppm/K	THT-axial	100 kΩ ±1%	2	MF006FF1003A50	R11-12
Resistor	Royal Ohm	Metal film resistor	125mW; 150V=	SMD-0805	100 kΩ ±1%	1	0805S8F1003T5E	R9
Potentiometer	Alps	R12L	log. stereo	THT-radial	10 kΩ	1	RK12L12C0A0G	VR1
Capacitor	SR Passives	Ceramic Disk	50V	THT 100mil	47 pF ±10%	4		C7-10
Capacitor	Kemet	MLCC	50V; X7R	THT 100mil	100 nF ±10%	4	C320C104K5R5TA	C1-4
Capacitor	Wima	Polyester Capacitor	63VAC; 100VDC	THT 200mil	2,2 µF ±10%	4	MKS2D042201N00KO00	C5-6, C11-12
Capacitor	Nichicon	Electrolytic Capacitor	16V; ø6,3mm	THT-radial	220 µF ±20%	2	UVZ1C221MED	C13-14
Inductor	Ferrocere		110mA	THT-5mm	22 mH ±10%	2		L1-2
Diode	Diotec	ZMM4.7	Z-Diode; 0,5W	MiniMELF	4,7 V	1	ZMM4.7	D1
Diode	Optosupply	LED	cyan 3mm	THT-radial		1	OSC34L3131A	D2
Transistor	Fairchild	FDN304	P-Ch. MOSFET	SOT-23		1	FDN304P	Q1
IC	TI	NE5532		DIP-8		2	NE5532P	U1-2
Switch	Generic		SPDT Slide Switch	THT-radial		1		S1
Connector	Generic	Pin header	1x2pin	THT 100mil		1		J1
Connector	Generic	Pin header connector	1x2pin	THT 100mil		1		
Connector	Generic	Crimp Contacts	Female			2		
Connector	Lumberg		Stereo 3,5mm TRS-Jack	THT		1	1503 07	J2
Connector	Generic	Battery Clip	9V-Block			1		
PCB						1		
Case	Gainta					1	G1068B	
Speaker	NOS		8ohm			1		
Battery	Duracell	9V Industrial	6LR61			1		

NB: These are the parts I have used, mostly because I had them in stock. Other parts with other values/tolerances or from other manufacturers may work just as well or even better.