

# Strangers Synth BOM

Value	Quantity	Device	Package	Notes
B1M	2	Potentiometer	16mm Potentiometer Right Angle Panel/PCB Mount	LFO, ENV DECAY
A50k	4	Potentiometer	16mm Potentiometer Right Angle Panel/PCB Mount	LFO DEPTH, ENV SWEEP, SENSITIVITY, OSC1
B50k	1	Potentiometer	16mm Potentiometer Right Angle Panel/PCB Mount	NOISE
B10k	2	Potentiometer	16mm Potentiometer Right Angle Panel/PCB Mount	OSC 2, OSC 3
C100k	3	Potentiometer	16mm Potentiometer Right Angle Panel/PCB Mount	FILTER, F-BACK 1, F-BACK 2
A100k	3	Potentiometer	16mm Potentiometer Right Angle Panel/PCB Mount	VOL, TIME 1, TIME 2
B100k	2	Potentiometer	16mm Potentiometer Right Angle Panel/PCB Mount	ECHO 1, ECHO 2
SPDT	5	Toggle Switch	SPDT ON-ON Panel/PCB Mount	RUN FREE / EXT. IN, TRIGGER LINK, OSCILLATOR / TRIGGER, NOISE 1 / 2, SQUARE / TRIANGLE
2P6T	2	Rotary Switch	2P6T Rotary Switch Panel/PCB Mount	LFO / ENV, OSC 2 / 3
	1	DC Jack	163-179PH-EX	Standard 2.1mm DC Barrel Jack. 9V Center Negative
	3	1/4" Jack	NRJ6HF-1, 1/4" Jack PCB Mount	EXT. TRIGGER, EXTERNAL IN, OUTPUT
	1	Piezo Element	Large piezo element with wire leads	
22pf	1	Capacitor	Radial Ceramic Capacitor	Through hole pads are ~5mm apart.
221	2	Capacitor	Radial Ceramic Capacitor	Through hole pads are ~5mm apart.
471	2	Capacitor	Radial Ceramic Capacitor	Through hole pads are ~5mm apart.
102	2	Capacitor	Radial Ceramic Capacitor	Through hole pads are ~5mm apart.
122	2	Capacitor	Radial Ceramic Capacitor	Through hole pads are ~5mm apart.
222	2	Capacitor	Radial Ceramic Capacitor	Through hole pads are ~5mm apart.
472	1	Capacitor	Radial Ceramic Capacitor	Through hole pads are ~5mm apart.
103	8	Capacitor	Radial Ceramic Capacitor	Through hole pads are ~5mm apart.
333	2	Capacitor	Radial Ceramic Capacitor	Through hole pads are ~5mm apart.
473	1	Capacitor	Radial Ceramic Capacitor	Through hole pads are ~5mm apart.
823	2	Capacitor	Radial Ceramic Capacitor	Through hole pads are ~5mm apart.
104	18	Capacitor	Radial Ceramic Capacitor	Through hole pads are ~5mm apart.
474	3	Capacitor	Radial Ceramic Capacitor	Through hole pads are ~5mm apart.
105	1	Capacitor	Radial Ceramic Capacitor	Through hole pads are ~5mm apart.
1uf	23	Polarized Capacitor	Radial Polarized Electrolytic Capacitor 25V	Through hole pads are ~1.8mm apart.
2.2uf	2	Polarized Capacitor	Radial Polarized Electrolytic Capacitor 25V	Through hole pads are ~1.8mm apart.
10uf	3	Polarized Capacitor	Radial Polarized Electrolytic Capacitor 25V	Through hole pads are ~1.8mm apart.
33uf	1	Polarized Capacitor	Radial Polarized Electrolytic Capacitor 25V	Through hole pads are ~1.8mm apart.
47uf	2	Polarized Capacitor	Radial Polarized Electrolytic Capacitor 25V	Through hole pads are ~1.8mm apart.
100uf	2	Polarized Capacitor	Radial Polarized Electrolytic Capacitor 25V	Through hole pads are ~3.5mm apart.
220Ω	4	Resistor	Axial 1/4W Resistor. ~2.4ø x 6.3mm	Through hole pads are ~7.5mm apart.
330Ω	1	Resistor	Axial 1/4W Resistor. ~2.4ø x 6.3mm	Through hole pads are ~7.5mm apart.
392Ω	2	Resistor	Axial 1/4W Resistor. ~2.4ø x 6.3mm	Through hole pads are ~7.5mm apart.
1k	5	Resistor	Axial 1/4W Resistor. ~2.4ø x 6.3mm	Through hole pads are ~7.5mm apart.
1.5k	3	Resistor	Axial 1/4W Resistor. ~2.4ø x 6.3mm	Through hole pads are ~7.5mm apart.
2.2k	3	Resistor	Axial 1/4W Resistor. ~2.4ø x 6.3mm	Through hole pads are ~7.5mm apart.
3.3k	1	Resistor	Axial 1/4W Resistor. ~2.4ø x 6.3mm	Through hole pads are ~7.5mm apart.

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4.7k	3	Resistor	Axial 1/4W Resistor. ~2.4ø x 6.3mm	Through hole pads are ~7.5mm apart.
5.6k	2	Resistor	Axial 1/4W Resistor. ~2.4ø x 6.3mm	Through hole pads are ~7.5mm apart.
8.2k	4	Resistor	Axial 1/4W Resistor. ~2.4ø x 6.3mm	Through hole pads are ~7.5mm apart.
10k	28	Resistor	Axial 1/4W Resistor. ~2.4ø x 6.3mm	Through hole pads are ~7.5mm apart.
15k	4	Resistor	Axial 1/4W Resistor. ~2.4ø x 6.3mm	Through hole pads are ~7.5mm apart.
22k	1	Resistor	Axial 1/4W Resistor. ~2.4ø x 6.3mm	Through hole pads are ~7.5mm apart.
33k	1	Resistor	Axial 1/4W Resistor. ~2.4ø x 6.3mm	Through hole pads are ~7.5mm apart.
39k	1	Resistor	Axial 1/4W Resistor. ~2.4ø x 6.3mm	Through hole pads are ~7.5mm apart.
47k	8	Resistor	Axial 1/4W Resistor. ~2.4ø x 6.3mm	Through hole pads are ~7.5mm apart.
68k	2	Resistor	Axial 1/4W Resistor. ~2.4ø x 6.3mm	Through hole pads are ~7.5mm apart.
100k	15	Resistor	Axial 1/4W Resistor. ~2.4ø x 6.3mm	Through hole pads are ~7.5mm apart.
470k	4	Resistor	Axial 1/4W Resistor. ~2.4ø x 6.3mm	Through hole pads are ~7.5mm apart.
1M	4	Resistor	Axial 1/4W Resistor. ~2.4ø x 6.3mm	Through hole pads are ~7.5mm apart.
1N4148	2	Diode	Axial Diode DO35	
1N4001	3	Diode	Axial Diode DO41	
	3	LED	5mm Red LED	
2N3906	1	PNP Transistor	TO92-EBC	
2N3904	2	NPN Transistor	TO92-EBC	
BC550	1	NPN Transistor	TO92-CBE	
TL072P	3	Dual OP AMP	DIL08	
CA3080	1	Transconductance Amplifier	DIL08	Can be swapped with the AS3080E
LM324N	2	Quad OP AMP	DIL14	
LM741P	1	Single OP AMP	DIL08	Can be swapped with the UA741
40106N	1	Hex SCHMITT TRIGGER	DIL14	
78L05Z	1	Positive VOLTAGE REGULATOR	TO92	
LM386N-1	1	Low Voltage Audio Power Amplifier	DIL08	
PT2399	2	Delay Chip	DIL16	
8 Pin Socket	6	IC Socket	8 Position 2 Row DIP Socket. 2.54 Pitch	
14 Pin Socket	3	IC Socket	14 Position 2 Row DIP Socket. 2.54 Pitch	
16 Pin Socket	2	IC Socket	16 Position 2 Row DIP Socket. 2.54 Pitch	
	2	Small Pointer Knob	Small Black Knurled Pointer	
	17	Small Knob	Small Black Set Screw 1/4" Shaft Hole Knob	