

PLANKTON NOISE #01: THE BUMBLEBEE BILL OF MATERIALS				Rev 1. 20/07/2014
Quantity	Type	Value	Identifier	Notes
1	Resistor	4R7	R45	
7	Resistor	1K	R19,20,21,37,38,39,54	
1	Resistor	4k7	R53	
7	Resistor	10K	R4,5,6,22,23,24,52	
12	Resistor	47K	R1,2,3,7,8,9,25,26,27,28,29,30	
29	Resistor	100K	R10,11,12,13,14,15,16,17,18,31,32,33 34,35,36,40,41,42,43,44,46,48,49,50,51 55,56,57,58	
1	Resistor	4M7	R47	
1	Potentiometer	5K	P19	
1	Potentiometer	10K	P21	
14	Potentiometer	100K	P1,3,4,6,7,9,10,12,13,15,16,18,20,22	
6	Potentiometer	1M log	P2,5,8,11,14,17	
2	Film Capacitor	10n	C19,21	
1	Film Capacitor	82n	C12	
6	Film Capacitor	100n	C13,14,18,20,22,23	
3	Film Capacitor	220n	C4,5,6	
1	Film Capacitor	330n	C11	
3	Electro Cap	4u7	C1,2,3	
7	Electro Cap	10u	C7,8,9,10,15,16,17	
3	Diode	1N914	D1,2,3	
1	Diode	1N4001	D4	
3	Diode	Led 3mm	L1,2,3	
13	Transistor	NPN	Q1,2,3,4,5,6,7,8,9,10,11,12,13	
1	Voltage Reg	78I05	78I05	
3	IC	TL074	IC2,3,4	
1		CD40106	IC1	
4	IC socket	14 pin	-	
19	Jack		J1-19	Mouser: STX3790
22	Knobs		-	
1	Power		Doepfer Type or 3PIN 5mm or 2.1mm	Mouser: RAPC722X
8	Screw	M3 / 7mm	-	
8	Nut	M3		
4	Rubber feet			
1	Case			DIY or buy at Plankton Electornics Store