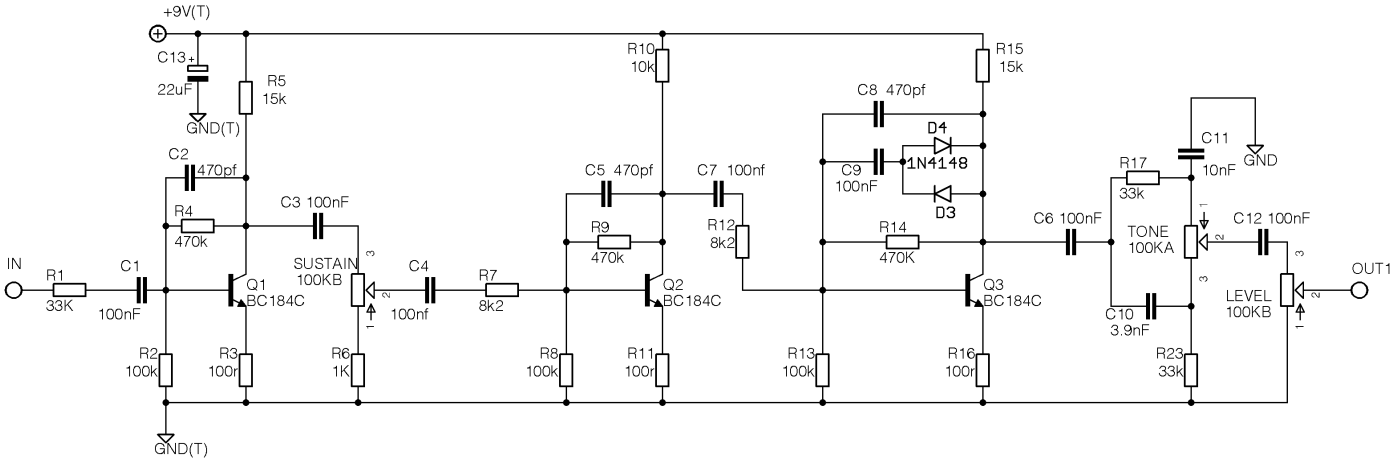
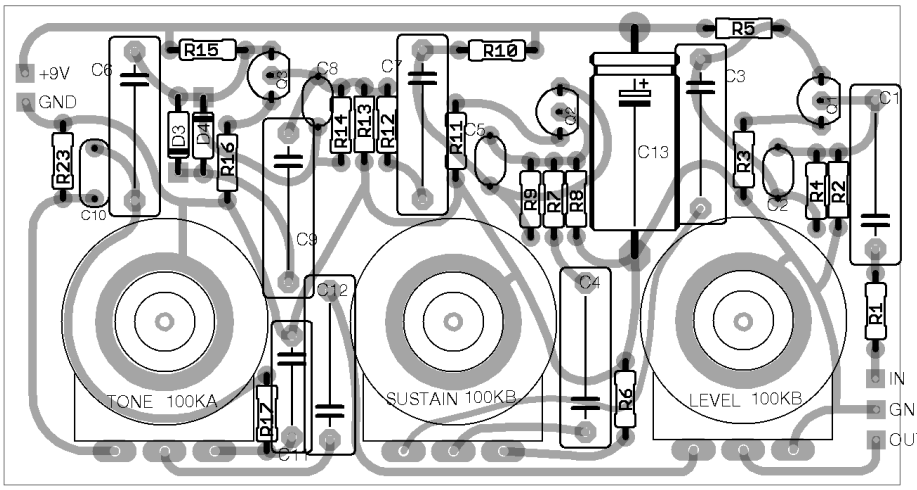
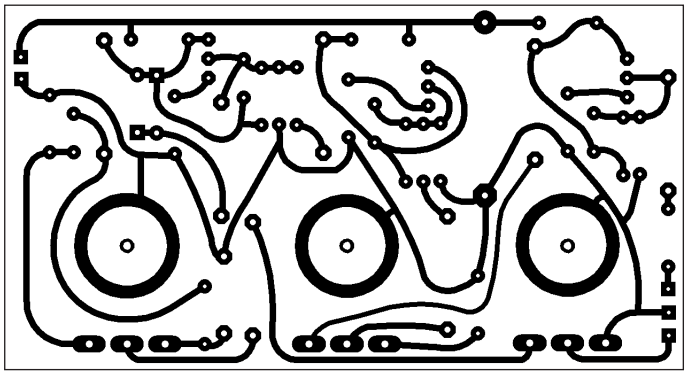
COLORSOUND JUMBO TONEBENDER





Partlist

C1	100nF	Film capacitor
C2	470pf	Ceramic capacitor
C3	100nF	Film capacitor
C4	100nF	Film capacitor
C5	470pf	Ceramic capacitor
C6	100nF	Film capacitor
C7	100nF	Film capacitor
C8	470pf	Ceramic capacitor
C9	100nF	Film capacitor
C10	3.9nF	Film capacitor
C11	10nF	Film capacitor
C12	100nF	Film capacitor
C13	22uF	Electrolytic capacitor
D3	1N4148	Si. Diode
D4	1N4148	Si. Diode
Q1	BC184C	Transistor
Q2	BC184C	Transistor
Q3	BC184C	Transistor
R1	33K	Resistor
R2	100k	Resistor
R3	100r	Resistor
R4	470k	Resistor
R5	15k	Resistor
R6	1K	Resistor
R7	8k2	Resistor
R8	100k	Resistor
R9	470k	Resistor
R10	10k	Resistor



R11	100r	Resistor
R12	8k2	Resistor
R13	100k	Resistor
R14	470K	Resistor
R15	15k	Resistor
R16	100r	Resistor
R17	33k	Resistor
R23	33k	Resistor
LEVEL	100K	20mm ‘radiohm’ type Log. Pot
SUSTAIN	100K	20mm ‘radiohm’ type Log. Pot
TONE	100K	20mm ‘radiohm’ type Lin. Pot

CBE or EBC pinout can be used, just rotate the part
Use 10mm drill bit for the through-board pots
No page scaling when you print this out

v1.1 layout and PCB by ringworm, 2012