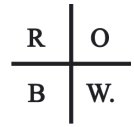


## Business Card Distortion BOM

Resistors: 1/4W Metal-Oxide Recommended  
 Capacitors: 16V Rating or Higher  
 Potentiometers: 16mm, Rear-mounted Recommended  
 Enclosure: 1590BB *(or larger)*



Resistors		
Value	Quantity	Type
100R	2	1/4W Metal Oxide
1K	1	
8K2	1	
10K	2	
51K	2	
470K	1	
2M2	1	

Capacitors		
Value	Quantity	Type
1nF	1	Film
4n7	1	
100nF (.1uF)	2	Electrolytic
1uF	5	
100uF	1	

Diodes		
Value	Quantity	Type
1N4001/4002	1	Diode
Bypass LED	1	Any LED
LED	2	3mm or 5mm LED

Potentiometers		
Value	Quantity	Type
GAIN	1	Linear(B) 50K 16mm Potentiometer
TONE	1	
VOLUME	1	

Integrated Circuits		
Value	Quantity	Type
RC4558	1	Integrated Circuit

Jacks		
Value	Quantity	Type
Input	1/4" Jack	Mono
Output		

Switches		
Value	Quantity	Type
Footswitch	1	3PDT Latching Footswitch

Power Input		
Value	Quantity	Type
9VDC	1	2.1mm Enclosed DC Barrel Jack

### Notes

- Rectangular pads for the input and output jacks get wired to the tips, and the sleeves get wired to the oval pads.
- To wire the footswitch to the circuit, simply take some wire and match the numbers between the two boards. Pad 1 goes to Pad 1, Pad 2 goes to Pad 2, Etc.
- Component values are only suggestions. Feel free to get weird about it.
- To easier detach footswitch board, I found carefully scoring both sides of the small tabs with an exacto knife will allow you to break it away much easier if needed.