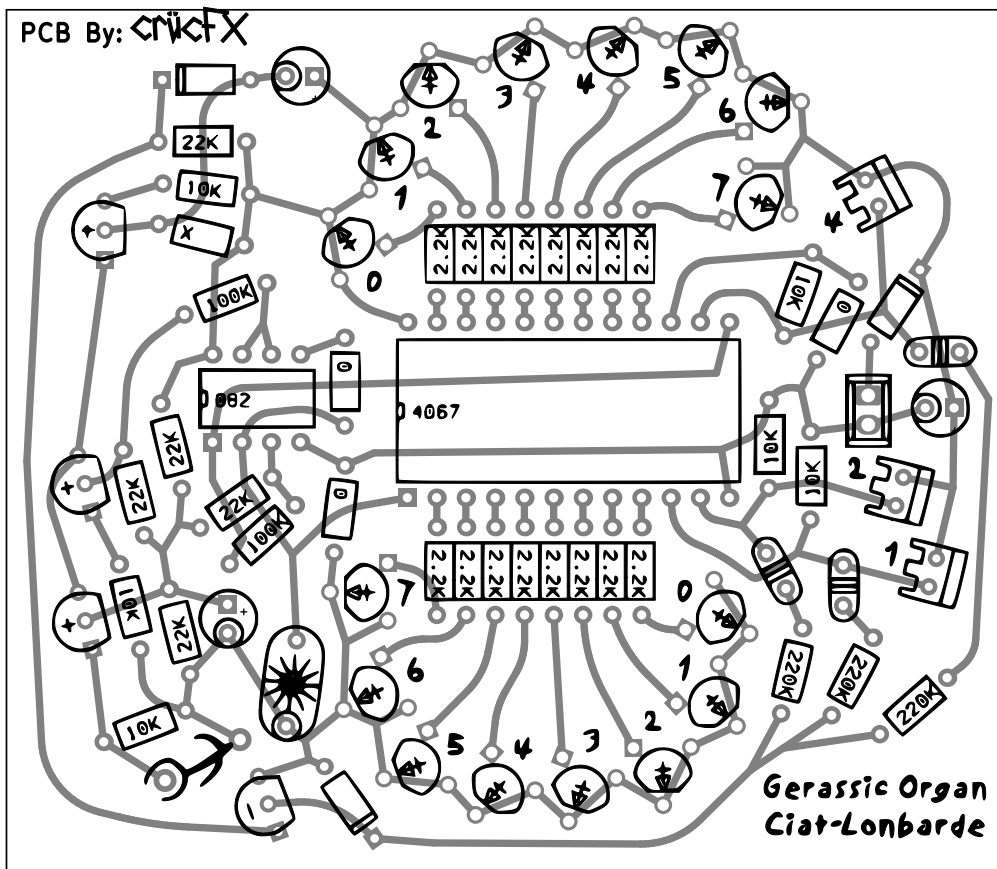


PCB By: *cricket X*



Gerassic Organ
Ciat-Lonbarde

	x3	Jumper		x3	Push Button (N/O)
	x16	2.2k 1/4w Resistor		x16	100k Trim Pot or Pot
	x6	10k 1/4w Resistor		x1	TL082
	x5	22k 1/4w Resistor		x1	CD4067
	x2	100k 1/4w Resistor			
	x3	220k 1/4w Resistor			
	x1	4.7k-470k 1/4w Resistor			
	x3	1N914 Signal Diode			
	x3	103 - 10nF/.01µF Poly			
	x1	Hairy Cap			
	x1	1µF Electrolytic			
	x1	NPN Transistor (BC547)			
	x3	PNP Transistor (BC557)			

This is a Gerassic Organ, which makes a plucked tone in the scale of your choosing. There are three buttons: 1,2,and 4. When you have buttons 1 and 2 down, you are playing note 3, which you can tune with trimmer pots 3 and 3. In other words, the three buttons are binary counters for pitch. Figure it out.
Chips: 4067 is CD4067B, 16 to 1 multiplexer. 082 is TL082
The "X" resistor is pluck length, should be 4.7k to 470k
You can also tune the timbre by differentials in the two trimmers



This is a button



This is output,
to the left, signal pod
to the right is ground



This is a trim pot, should be 100k and small
in size, usually cheap. The arrow points to
the wiper.