

Sheet1

kik8 BOM		panelcomponentboard	
voiceboard		100k	8
100k	6	10k	4
10k	3	15k	1
47k	2	470k/180k*	1
4k7	2		
1k	1	1n4148	3 unmarked diodes
2k7	1	bc547	2 unmarked transistors
6k8/6k9*	2	LM358	1 bottom side!!!
8k2	1		
22k	3	100n	1 unmarked capacitor
82k	1	10n	2
470k	1		
1m	3	9mm pot 2k	1
220r	1	9mm pot 100k	1
		9mm pot 500k/1M*	
ferrite bead or 20r	2 unmarked on PCB	9mm pot 100k -	1 plastic shaft
1n4148	3		
bc557	1		
bc547	5 unmarked transistors	15 pin angled single	
rc4558/ tl072	1	row pin header	1
33n	1	E-switch	
100n	5	612-320.08	1
220p	1		
15n	3 ("greenies" preferred)	15 pins worth of	
		angled single row	
33uF electro	1	pin header	
1uF electro	1	to connect the	
10uF electro	2	two boards	
10 pin shrouded			
power header	1		

\*6k8/6k9 the board wants 1x6k8 and 1x6k9  
these can both be 6k8 or 6k9

\*470k/180k this resistor determines the minimum decay time  
the board says 470k\* but you can go as low as you like  
180k sounds good to me

\*500k/1M this potentiometer sets the maximum decay time  
the original tr808 schematic wants 500k  
but I like 1M much better  
BOOOOOOOOOOMMMMMMMMMMM.....

\*0,47uF x2 these capacitors are used in the level circuitry  
my panelcomponentboards doesn't use the level control as such  
so these caps can be omitted. Solder a jumper between  
the cathodes (-side) of these caps.

People who want the original level control, can do so by adding  
a potentiometer wired as an attenuator to the topmost 2 wiring holes

omit(47k) along the side of the PCB there is a footmark for a 47k with "omit"  
printed next to it. This sets the oscillator frequency in the original circuit.  
if the panelcomponentboard is used this 47k can be omitted  
it is replaced by the panelmounted100k potentiometer.