

[BOM] Rollz-5+ PCB by MengQiMusic							

ICs/Semi's:							
8 x [511-TL082CN] (082)	> By 072						
8 x [511-TL084CN] (084) 2 x [511-4013] (4013)	> by 074						
2 x [511-4066] (4066)							
4 x [18-1N914] diode							
1 x 1N4007 diode							
24 x PNP transistor [512-BC557B] (557)							
60 x NPN transistor [512-BC547B] (547)							

Capacitors:							
1 x 10uF electrolytic							
30 x 1uF electrolytic							
24 x .01uF (103)							
16 x .001uF (102)							
3 x .1uF (104)							

Resistors:							
4 x 220							
1 x 1k							
4 x 4.7k							
36 x 10k							
88 x 22k (includes the 4 needed for Ultrasound fix)							
4 x 47k							
44 x 100k							

28 x 220k								
36 x 470k								
4 x 1m								
4 x 2.2m								

Hardware/misc:								
16 x 10k pots								
4 x 1m pots								
8 x 2m 3296W trimpots								
1 x 9v - 15v power supply (circuit spec'd for 9v, but different folks have had different results)								
banana jacks (inlcuded in the jack kit with this pcb)								
DC Jack (inlcuded in the jack kit with this pcb)								
1/4" jack (inlcuded in the jack kit with this pcb)								
IC sockets								
standoffs								
mounting hardware								

Variable Parts:								
resistors...								
8 "x" 2m2 - 22k (avdog undulation speed - 2m2 is extra slow, 22k is fast)								
Hairy capacitors								
4x 10uf - 100uf electrolytic (avdog undulation sensitivity - 10uf is "sensitive", 100uf is "extra sensitive")								
4x 47uf - .1uf ("rhythm slow to fast")								
36x rolls caps (Peter B says .1uf and up. Although it looks like folks are using stuff between .01uf-ish and 100uf-ish, but mostly in the .1uf to 47uf range)								