

## Creep Cluster BOM

**Resistors:**

r1	10r
r2	470r
r3	10k
r4	10k
r5	10k
r6	10k
r7	10k
r8	10k
r9	750k
r10	10M
r11	1k
r12	1k
r13	100k
r14	100k
r15	1k
r16	470k
r17	xxxxxxxxxx
r18	2k
r19	2k
IC's:	4.7k

**Starve:** bridge: middle and right hole  
or connect a 10k potmeter

**Capacitors:**

c1	100nf
c2	100nf
c3	100nf
c4	100nf
c5	10uf
c6	xxxxxxxxxx
c7	220nf
c8	220nf
c9	220nf
c10	100nf
c11	470pf
c12	4.7uf
c13	470pf
c14	10uf

**Diodes:**

d1	1n914
d2	1n914
d3	1n914
d4	1n914

**IC's:**

ic1	16pin socket + CD4049
ic2	16pin socket + CD4053

## Blad1

ic3 14pin socket + CD4093  
ic4 8pin socket + TL071

### Potmeters:

FREQ1 b20k  
FREQ2 b20k  
CLOCK b100k  
CUTOFF c100k of b

**Knobs:** 4x nice knobs!

### Power:

9v connection  
9v battery

### Panel:

### PCB:

### Mods:

OSC1 osc1 output, for expander  
OSC2 osc2 output, for expander  
CL clock output, for expander  
STARVE starve mod, add potmeter  
RMOD resonance. add potmeter or 4.7k resistor