

Sheet1

Falafular Bunch-a-Klix Bill Of Materials

Side A

semis
 CD40106 x1 SOIC14
 CD4011 x1 SOIC14
 LM358 x1 SO08
 HEF4013 x1 SOIC14
 1n4148 x4 0805 size
 BC847 x20

resistors
 pd=10-100k x15 0805 size
 100k x1 0805 size
 1k x7 0805 size
 15k x1 0805 size
 rL led current x11 0805 size
 rX 1k+ (max rate) x4 0805 size

caps
 Bp=100n (bypass) x3 0805 size
 10n (100n also fine) x1 0805 size
 10 uF elco x1
 Cx 1-4 = 47-100 uF x4

Side B

resistors
 pd=10-100k x5 0805 size
 1k x1 0805 size
 100k pots x4 9mm PCB mount

caps
 Bp=100n (bypass) x1 0805 size

Kobiconn 16pj138
 or Thonkiconn x9 0805 size

LED x12

suminiature switch
 SPDT 0.4VA 20V x2 C&K ET01LD1CBE
 E-switch EG2463-ND