

FDIM 2016 World's Biggest Buildathon Bill of Materials

.1" spacing or .1" hairpin style mounted parts:

0 ohm 1/4watt jumper (single BLK band).....unused during build
51 ohm 1/4watt resistor (GRN-BRN-GOLD)
68 pf monolithic cap (680)
220 pf monolithic cap (221)
470 pf monolithic cap (471)
.1 uh monolithic cap (104) QTY=2
2.2uh axial inductor (RED-RED-GOLD)

.4" spacing parts:

100 ohm 1/4watt resistor (BRN-BLK-BRN)
4.7K ohm 1/4watt resistor (BRN-VIO-RED)
10k ohm 1/4watt resistor (BRN-BLK-ORG) QTY=2
220 pf monolythic cap (221) QTY=2
.47uh axial inductor (YEL-VIO-SILVER)
.56uh axial inductor (GRN-BLU-SILVER)
10uh axial inductor (BRN-BLK-BLK)

miscellaneous parts:

PN2222 transistor
membrane push button switch
20m HC-49 crystal
9volt battery snap with tinned leads
Hamfest Buddy][printed circuit board