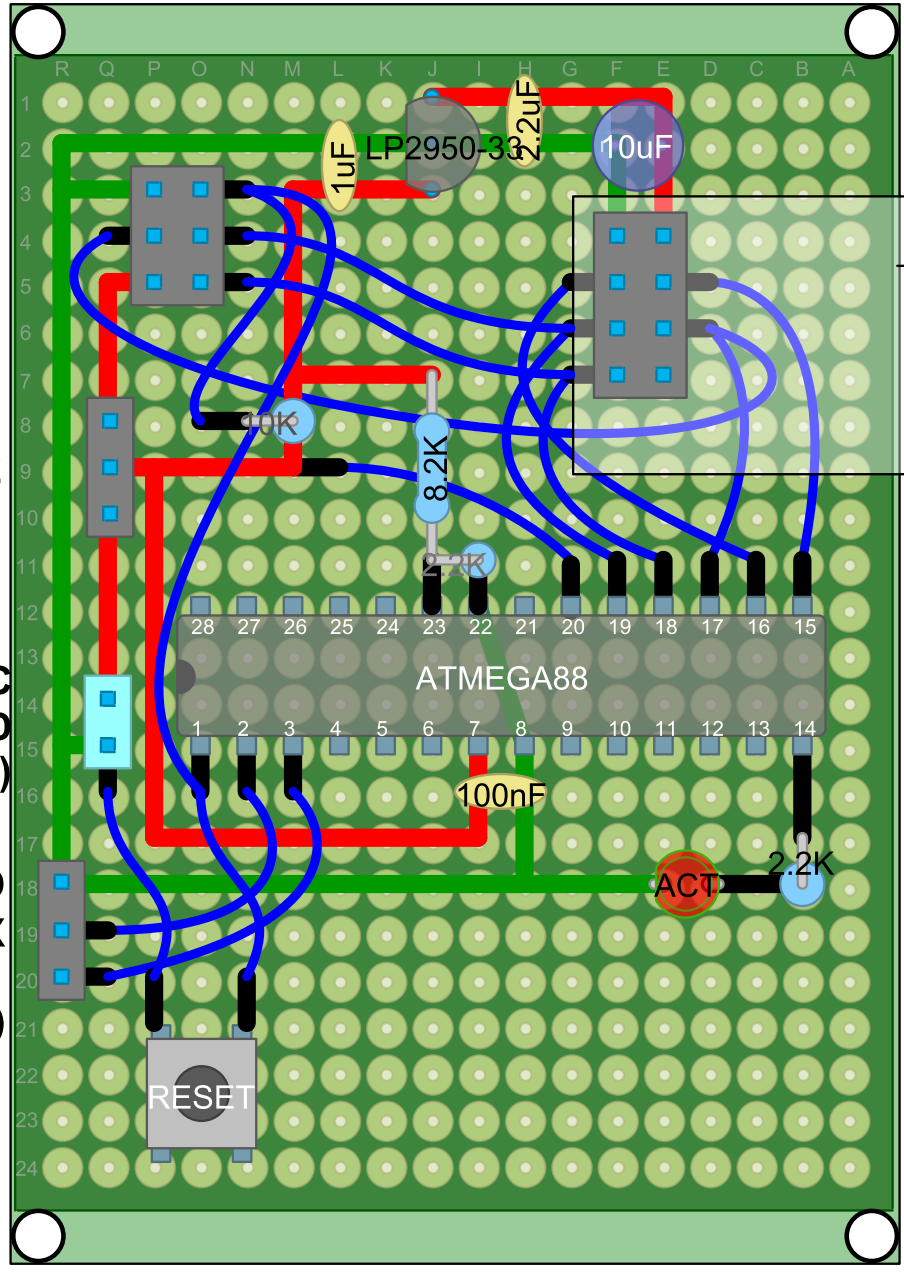
nRF Repeater (v1.1)



ISP (Male)

ISP PWR BAT (Male)

VCC GND (JST)

GND TX RX (Female)

nRF Header (Female)

USBTiny

GND MOSI VCC RESET CLK MISO

LP2950-33

O G I

GND CE SCK MISO VCC CNS MOSI IRQ

BOM

Resistors:
- 2.2 k x2
- 8.2 k
- 10 k

Capacitors:
- 100 nF
- 1 uF
- 2.2 uf
- 10 uF

Voltage Regulator:
- LP2950-33

LED:
- 3.3 mm Red

IC:
- ATMEGA88

Button:
- Tact

Socket:
- 28-pin

Pin Headers:
- 3x2 male (ISP)
- 3x1 male (PWR sel.)
- 3x1 female (Serial)
- 4x2 female (nRF)
- 1x2 JST (PWR)