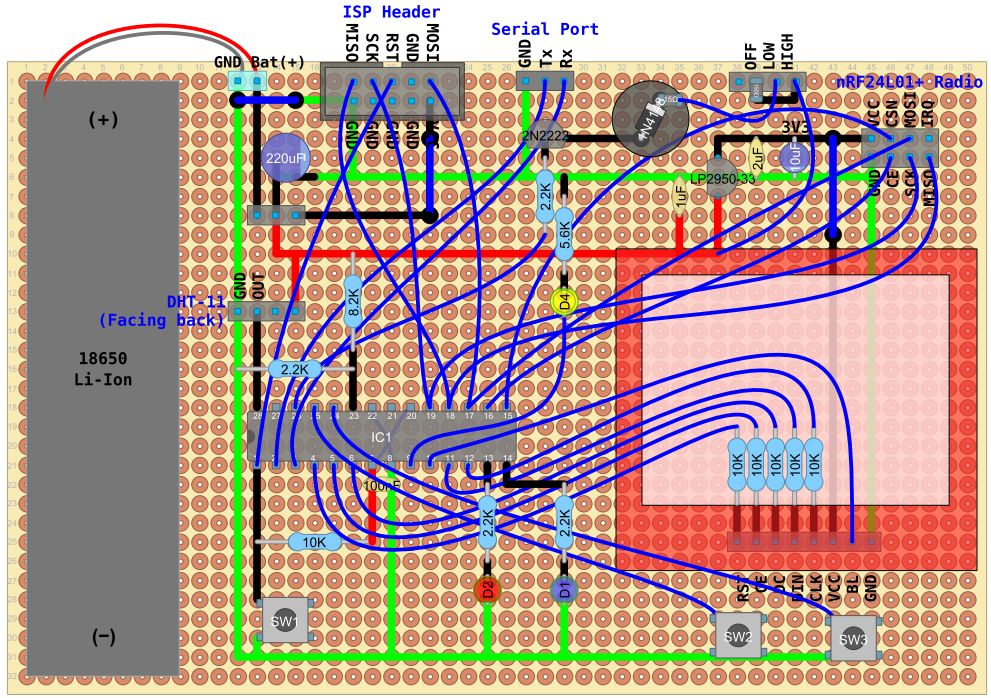
nRF Receiver V1.2



CAPS:
1x 100 nF
1x 1 uF
1x 2.2 uF
1x 10 uF
1x 220 uF

RESISTORS:
3x 2.2 K
1x 5.6 K
1x 8.2 K
5x 10 K
1x 15 SMD
2x 150 SMD

PIN HEADERS:
1x 28P SOCKET
1x JRC 2P
1x 2x5 Shrouded
1x 2x4
1x 1x8
2x 1x3
1x 1x4

OTHER:
1x 2N2222
1x 1N4148
1x LP2950-33
1x ATMEGA88
1x PIEZO BUZZER
1x 5110 NOKIA SCREEN
1x nRF24L01+ RADIO
1x DHT11 TEMP/HUMID SENSOR
3x TACT BUTTON
1x 18650 BATTERY HOLDER
2x PIN JUMPER

ATMEGA88 IO CONNECTIONS:

P1	RESET	P15 D9	-> nRF CSN
P2	RX -> TX	P16 D10	-> nRF CE
P3	TX -> RX	P17 D11	-> nrF/ISP MOSI
P4	D2 -> NOKIA P1 RST	P18 D12	-> nrF/ISP MISO
P5	D3 -> NOKIA P2 CE	P19 D13	-> nrF/ISP SCK
P6	D4 -> NOKIA P3 DC	P23 A0	-> BATV
P9	D22 -> LED 3	P24 D15	-> SW 1
P10	D21 -> NOKIA P7 BL	P25 D16	-> SW 2
P11	D5 -> NOKIA P4 DIN	P26 D17	-> BUZ
P12	D6 -> NOKIA P5 CLK	P28 D19	-> PIR
P13	D7 -> LED 1		
P14	D8 -> LED 2		