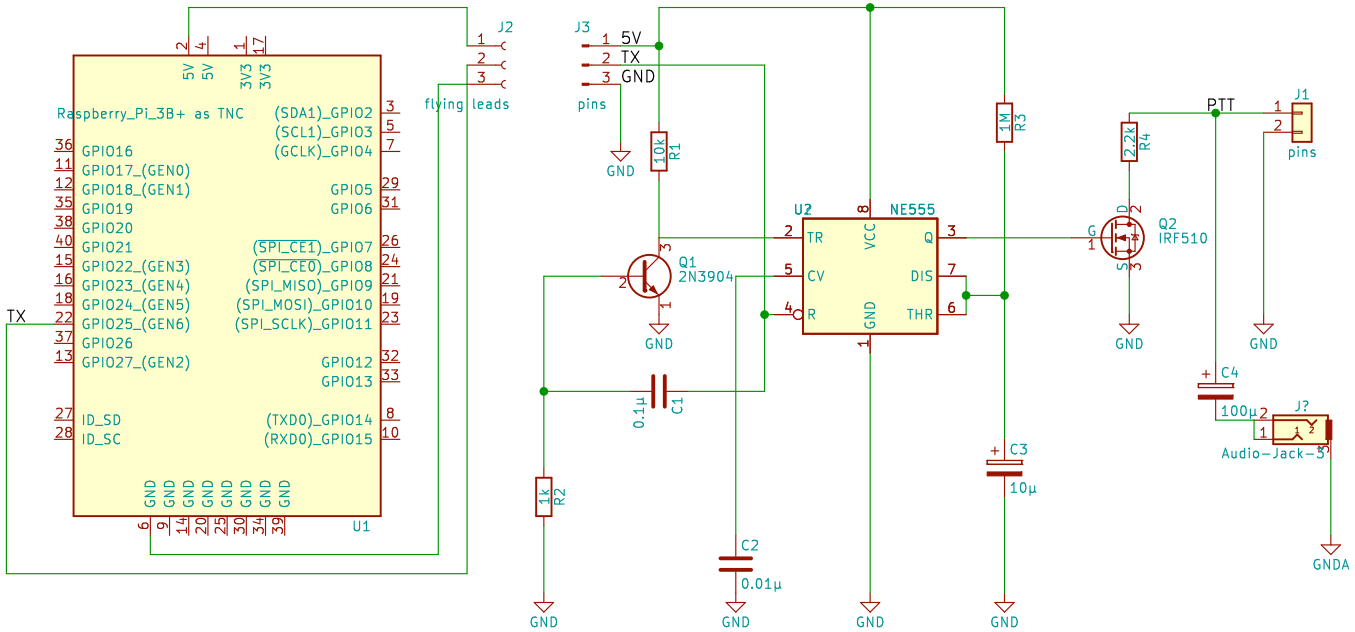
Raspberry_Pi_3B+ as TNC
U1
5V
5V
3V3
3V3
GND
(SDA1)_GPIO2
(SCL1)_GPIO3
(GCLK)_GPIO4
GPIO16
GPIO17_(GEN0)
GPIO18_(GEN1)
GPIO5
GPIO19
GPIO6
GPIO20
GPIO21
(SPI_CE1)_GPIO7
GPIO22_(GEN3)
(SPI_CE0)_GPIO8
GPIO23_(GEN4)
(SPI_MISO)_GPIO9
GPIO24_(GEN5)
(SPI_MOSI)_GPIO10
GPIO25_(GEN6)
(SPI_SCLK)_GPIO11
GPIO26
GPIO27_(GEN2)
GPIO12
GPIO13
ID_SD
(TXD0)_GPIO14
ID_SC
(RXD0)_GPIO15
TX
J2
flying leads
J3
5V
TX
GND
pins
R1
10k
Q1
2N3904
R2
1k
C1
0.1µ
C2
0.01µ
U2
NE555
TR
CV
R
VCC
GND
Q
DIS
THR
R3
1M
C3
10µ
R4
2.2k
Q2
IRF510
PTT
J1
pins
C4
100µ
J?
Audio-Jack-3
GNDA