```
/etc/rc.local

# SA818 Squelch = gpio19  ptt = gpio5

echo "19" > /sys/class/gpio/export
echo "in"  > /sys/class/gpio/gpio19/direction
sleep 1
echo "5" > /sys/class/gpio/export
echo "out" > /sys/class/gpio/gpio5/direction
sleep 2
```
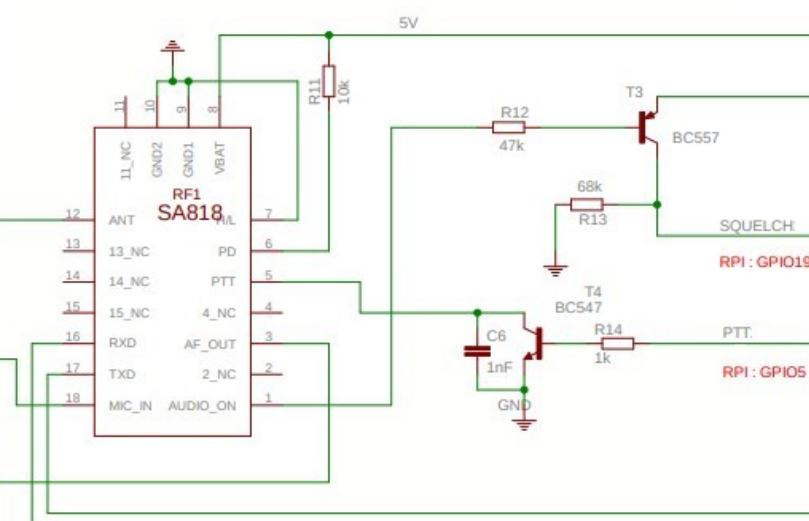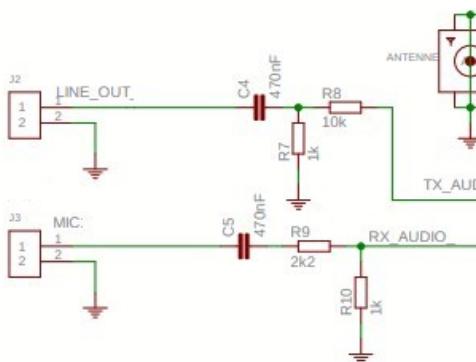
```
/etc/svxlink/svxlink.cfg

[Rx1]
SQL_DET=GPIO
GPIO_PATH=/sys/class/gpio
GPIO_SQL_PIN=gpio19
...

[Tx1]
PTT_TYPE=GPIO
GPIO_PATH=/sys/class/gpio
PTT_PIN=gpio5
...
```

Raspberry PI

USB
Sound
card

5V

R11 10k

RF1
SA818

ANT
13_NC
14_NC
15_NC
RXD
TXD
MIC_IN

11_NC GND2 GND1 VBAT

H/L
PD
PTT
4_NC
AF_OUT
2_NC
AUDIO_ON

R12 47k

T3
BC557

68k
R13

SQUELCH

RPI : GPIO19

T4
BC547

C6 1nF

R14 1k

PTT

RPI : GPIO5

GND

3V3

ANTENNE

J2 LINE_OUT
C4 470nF
R8 10k
R7 1k
TX_AUDIO

J3 MIC
C5 470nF
R9 2k2
RX_AUDIO
R10 1k

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