

C1  
100nFR1  
4.7kR2  
4.7kC2  
4.7uFR3  
10k

GND

Get activity from SA818, so i dont TX over other signals  
Audio\_ON Inverted?U3  
SA818S-CE

1	Audio_ON	18
2	NC	17
3	AF_OUT	16
4	NC	15
5	PTT	14
6	PD	13
7	H/L	12
8	VBAT	11
9	GND	10
19	EP	1
20	EP	2

TP1 TP2 TP3 TP4 TP5 TP6

H1

Header-Male-2.54\_1x4

4

3

2

1

- 1 GPO\_SPI0RX\_I2C0SDA\_UART0TX
- 2 GP1\_SPI0CSn\_I2C0SCL\_UART0RX
- 3 GND
- 4 GP2\_SPI0SCK\_I2C1SDA
- 5 GP3\_SPI0TX\_I2C1SCL
- 6 GP4\_SPI0RX\_I2C0SDA\_UART1TX
- 7 GP5\_SPI0CSn\_I2C0SCL\_UART1RX
- 8 GND
- 9 GP6\_SPI0SCK\_I2C1SDA
- 10 GP7\_SPI0TX\_I2C1SCL
- 11 GP8\_SPI1RX\_I2C0SDA\_UART1TX
- 12 GP9\_SPI1CSn\_I2C0SCL\_UART1RX
- 13 GND
- 14 GP10\_SPI1SCK\_I2C1SDA
- 15 GP11\_SPI1TX\_I2C1SCL
- 16 GP12\_SPI1RX\_I2C0SDA\_UART0TX
- 17 GP13\_SPI1CSn\_I2C0SCL\_UART0RX
- 18 GND
- 19 GP14\_SPI1SCK\_I2C1SDA
- 20 GP15\_SPI1TX\_I2C1SCL

U2  
RASPBERRY PI PICO 2W

TITLE:

Sheet\_1

REV: 1.0



Company: Your Company

Sheet: 1/1

Date: 2025-12-28 Drawn By: nyasaki