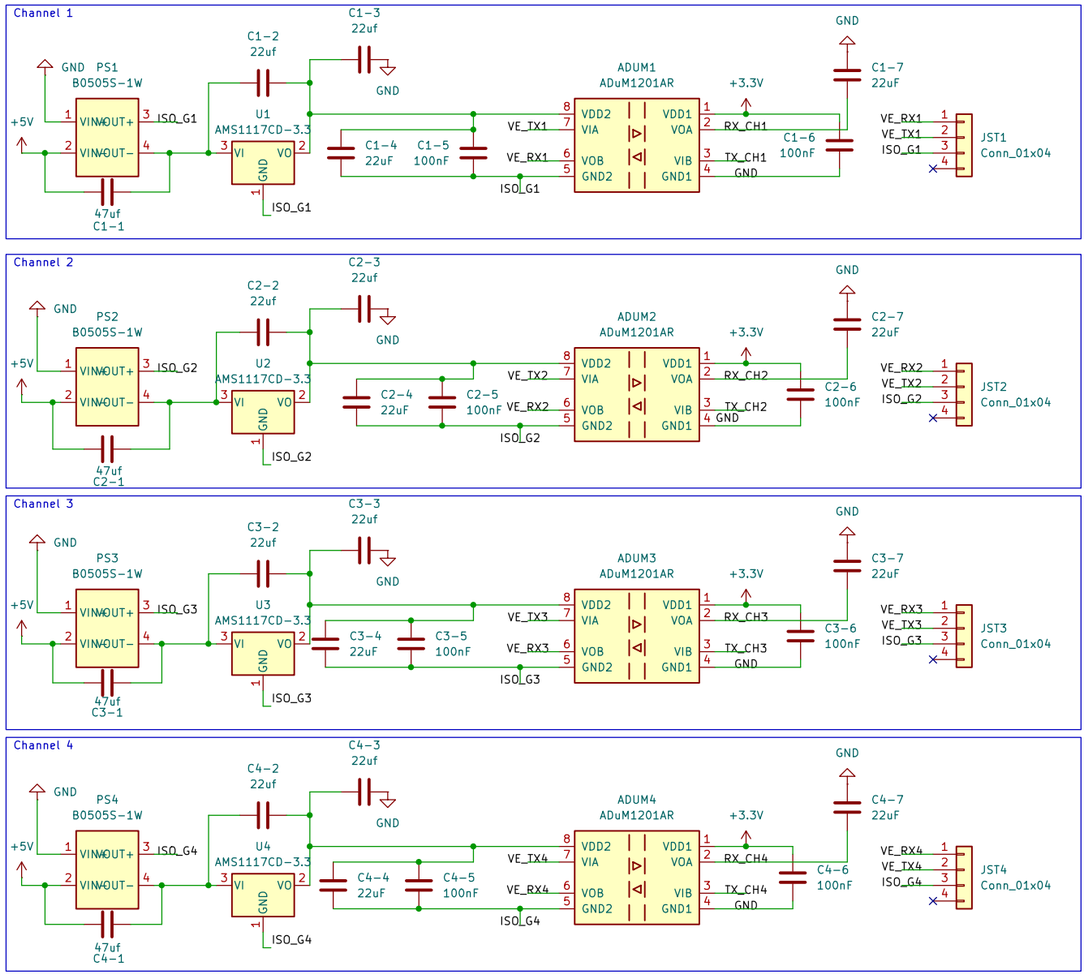
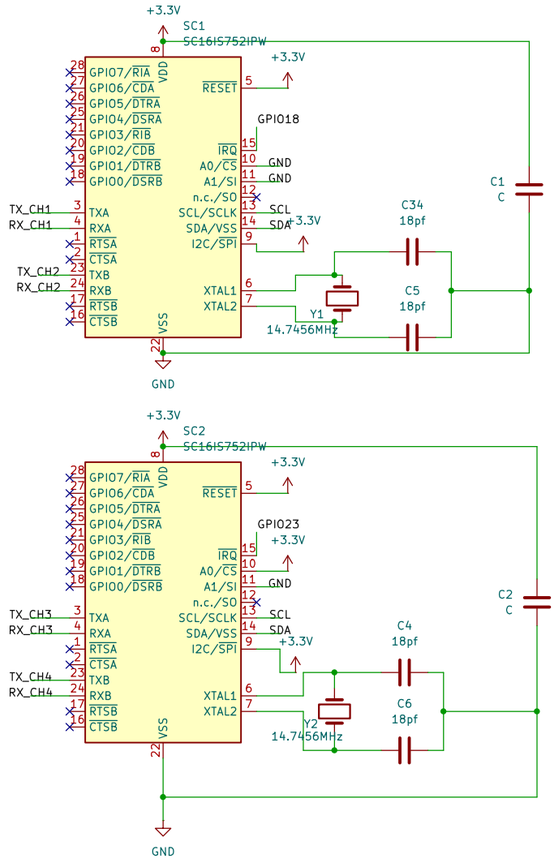
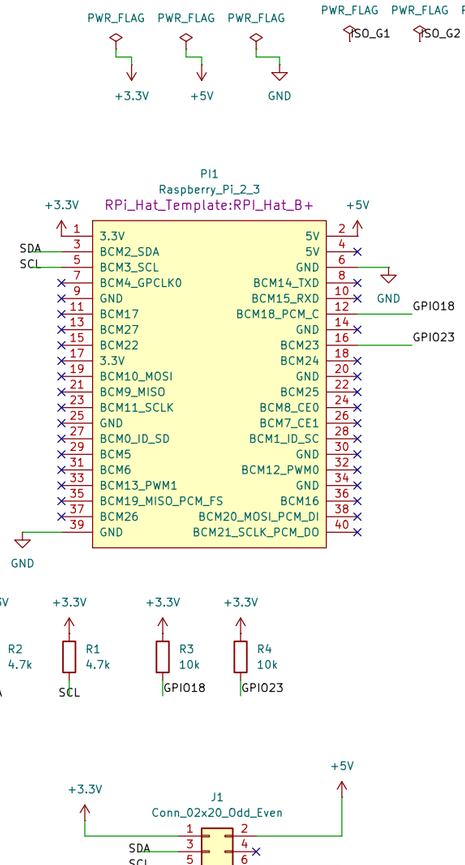
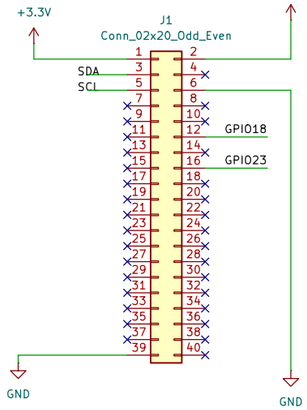

Channel 1
PS1
B0505S-1W
GND
+5V
ISO_G1
U1
AMS1117CD-3.3
C1-1
47uf
C1-2
22uf
C1-3
22uf
C1-4
22uF
C1-5
100nF
C1-6
100nF
C1-7
22uF
ADUM1
ADuM1201AR
VDD2
VIA
VOB
GND2
VDD1
VOA
VIB
GND1
VE_TX1
VE_RX1
RX_CH1
TX_CH1
JST1
Conn_01x04
VE_RX1
VE_TX1
ISO_G1
Channel 2
PS2
B0505S-1W
ISO_G2
U2
AMS1117CD-3.3
C2-1
C2-2
22uf
C2-3
22uf
C2-4
22uF
C2-5
100nF
C2-6
100nF
C2-7
22uF
ADUM2
ADuM1201AR
VE_TX2
VE_RX2
RX_CH2
TX_CH2
JST2
Conn_01x04
VE_RX2
VE_TX2
ISO_G2
Channel 3
PS3
B0505S-1W
ISO_G3
U3
AMS1117CD-3.3
C3-1
C3-2
22uf
C3-3
22uf
C3-4
22uF
C3-5
100nF
C3-6
100nF
C3-7
22uF
ADUM3
ADuM1201AR
VE_TX3
VE_RX3
RX_CH3
TX_CH3
JST3
Conn_01x04
VE_RX3
VE_TX3
ISO_G3
Channel 4
PS4
B0505S-1W
ISO_G4
U4
AMS1117CD-3.3
C4-1
C4-2
22uf
C4-3
22uf
C4-4
22uF
C4-5
100nF
C4-6
100nF
C4-7
22uF
ADUM4
ADuM1201AR
VE_TX4
VE_RX4
RX_CH4
TX_CH4
JST4
Conn_01x04
VE_RX4
VE_TX4
ISO_G4
GND
+3.3V


SC1
SC16IS752IPW
GPIO7/RIA
GPIO6/CDA
GPIO5/DTRA
GPIO4/DSRA
GPIO3/RIB
GPIO2/CDB
GPIO1/DTRB
GPIO0/DSRB
TXA
RXA
RTSA
CTSA
TXB
RXB
RTSB
CTSB
VDD
VSS
RESET
IRQ
A0/CS
A1/SI
n.c./SO
SCL/SCLK
SDA/VSS
I2C/SPI
XTAL1
XTAL2
GPIO18
SCL
SDA
TX_CH1
RX_CH1
TX_CH2
RX_CH2
Y1
14.7456MHz
C1
C
C34
18pf
C5
18pf
SC2
SC16IS752IPW
GPIO23
TX_CH3
RX_CH3
TX_CH4
RX_CH4
Y2
14.7456MHz
C2
C
C4
18pf
C6
18pf
GND
+3.3V


PWR_FLAG
+3.3V
+5V
GND
ISO_G1
ISO_G2
ISO_G3
ISO_G4

PI1
Raspberry_Pi_2_3
RPi_Hat_Template:RPi_Hat_B+
3.3V
BCM2_SDA
BCM3_SCL
BCM4_GPCLK0
GND
BCM17
BCM27
BCM22
3.3V
BCM10_MOSI
BCM9_MISO
BCM11_SCLK
GND
BCM0_ID_SD
BCM5
BCM6
BCM13_PWM1
BCM19_MISO_PCM_FS
BCM26
GND
5V
5V
GND
BCM14_TXD
BCM15_RXD
BCM18_PCM_C
GND
BCM23
BCM24
GND
BCM25
BCM8_CE0
BCM7_CE1
BCM1_ID_SC
GND
BCM12_PWM0
GND
BCM16
BCM20_MOSI_PCM_DI
BCM21_SCLK_PCM_DO
SDA
SCL
GPIO18
GPIO23

+3.3V
R2
4.7k
SDA
R1
4.7k
SCL
R3
10k
GPIO18
R4
10k
GPIO23


+3.3V
+5V
J1
Conn_02x20_Odd_Even
SDA
SCL
GPIO18
GPIO23
GND