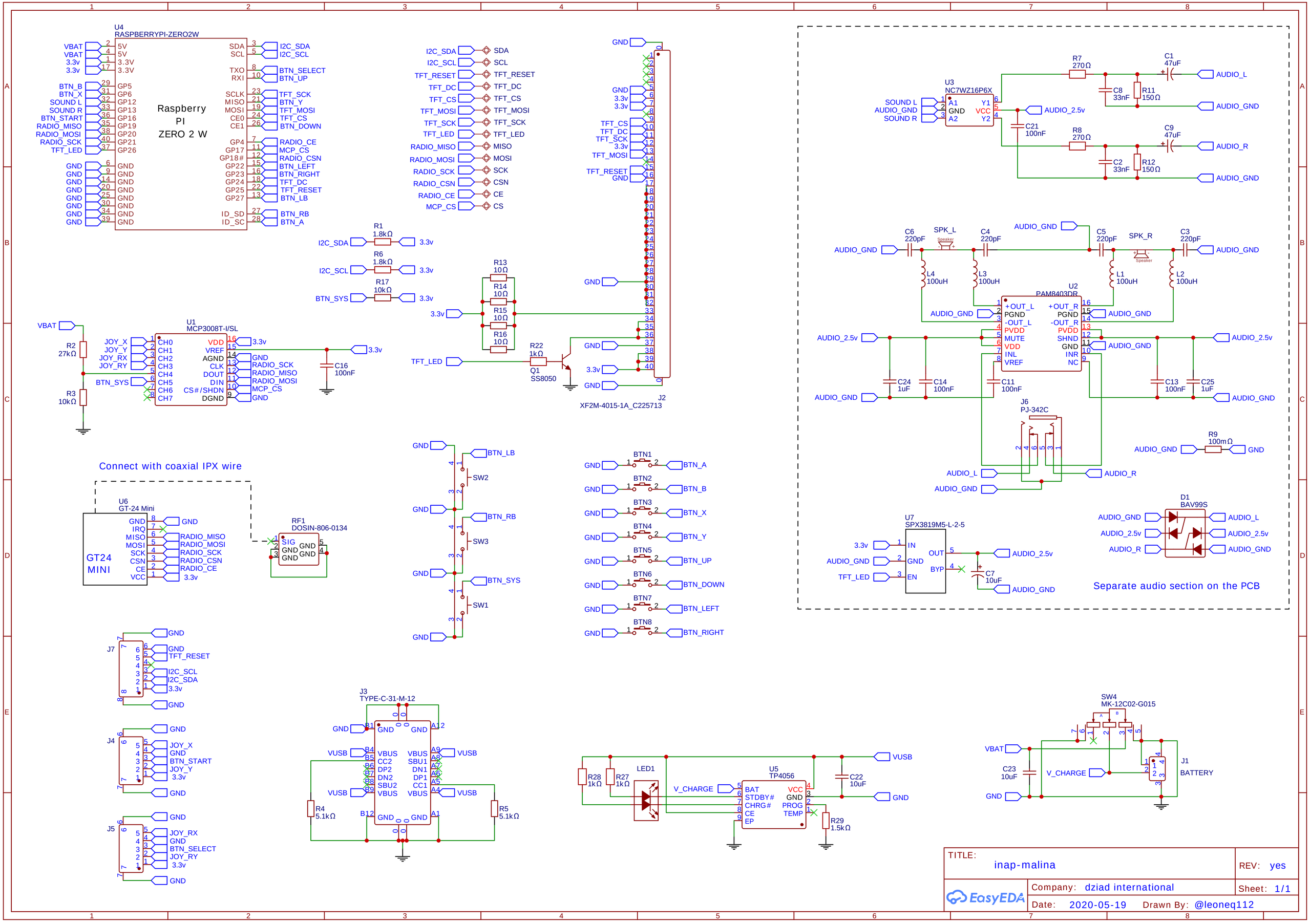
U4
RASPBERRYPI-ZERO2W
Raspberry
PI
ZERO 2 W
VBAT
5V
3.3V
GP5
GP6
GP12
GP13
GP16
GP19
GP20
GP21
GP26
GND
SDA
SCL
TXO
RXI
SCLK
MISO
MOSI
CE0
CE1
GP4
GP17
GP18#
GP22
GP23
GP24
GP25
GP27
ID_SD
ID_SC
I2C_SDA
I2C_SCL
BTN_SELECT
BTN_UP
TFT_SCK
BTN_Y
TFT_MOSI
TFT_CS
BTN_DOWN
RADIO_CE
MCP_CS
RADIO_CSN
BTN_LEFT
BTN_RIGHT
TFT_DC
TFT_RESET
BTN_LB
BTN_RB
BTN_A
BTN_B
BTN_X
SOUND L
SOUND R
BTN_START
RADIO_MISO
RADIO_MOSI
RADIO_SCK
TFT_LED
R1
1.8kΩ
R6
1.8kΩ
R17
10kΩ
3.3v
R13
10Ω
R14
10Ω
R15
10Ω
R16
10Ω
R22
1kΩ
Q1
SS8050
J2
XF2M-4015-1A_C225713
U1
MCP3008T-I/SL
CH0
CH1
CH2
CH3
CH4
CH5
CH6
CH7
VDD
VREF
AGND
CLK
DOUT
DIN
CS#/SHDN
DGND
JOY_X
JOY_Y
JOY_RX
JOY_RY
R2
27kΩ
R3
10kΩ
C16
100nF
Connect with coaxial IPX wire
U6
GT-24 Mini
GT24
MINI
IRQ
MISO
MOSI
SCK
CSN
CE
VCC
RF1
DOSIN-806-0134
SIG
SW1
SW2
SW3
BTN1
BTN2
BTN3
BTN4
BTN5
BTN6
BTN7
BTN8
J7
J4
J5
J3
TYPE-C-31-M-12
VUSB
R4
5.1kΩ
R5
5.1kΩ
R28
1kΩ
R27
1kΩ
LED1
U5
TP4056
BAT
STDBY#
CHRG#
CE
EP
VCC
PROG
TEMP
V_CHARGE
C22
10uF
R29
1.5kΩ
SW4
MK-12C02-G015
C23
10uF
J1
BATTERY
U3
NC7WZ16P6X
A1
A2
Y1
Y2
R7
270Ω
R8
270Ω
C1
47uF
C9
47uF
C8
33nF
C2
33nF
R11
150Ω
R12
150Ω
C21
100nF
AUDIO_L
AUDIO_R
AUDIO_GND
AUDIO_2.5v
C6
220pF
C4
220pF
C5
220pF
C3
220pF
SPK_L
SPK_R
Speaker
L4
100uH
L3
100uH
L1
100uH
L2
100uH
U2
PAM8403DR
+OUT_L
PGND
-OUT_L
PVDD
MUTE
VDD
INL
VREF
+OUT_R
PGND
-OUT_R
PVDD
SHND
GND
INR
NC
C24
1uF
C14
100nF
C11
100nF
C13
100nF
C25
1uF
J6
PJ-342C
R9
100mΩ
U7
SPX3819M5-L-2-5
IN
GND
EN
OUT
BYP
C7
10uF
D1
BAV99S
Separate audio section on the PCB
TITLE:
inap-malina
REV: yes
Company: dziad international
Sheet: 1/1
Date: 2020-05-19
Drawn By: @leoneq112
EasyEDA