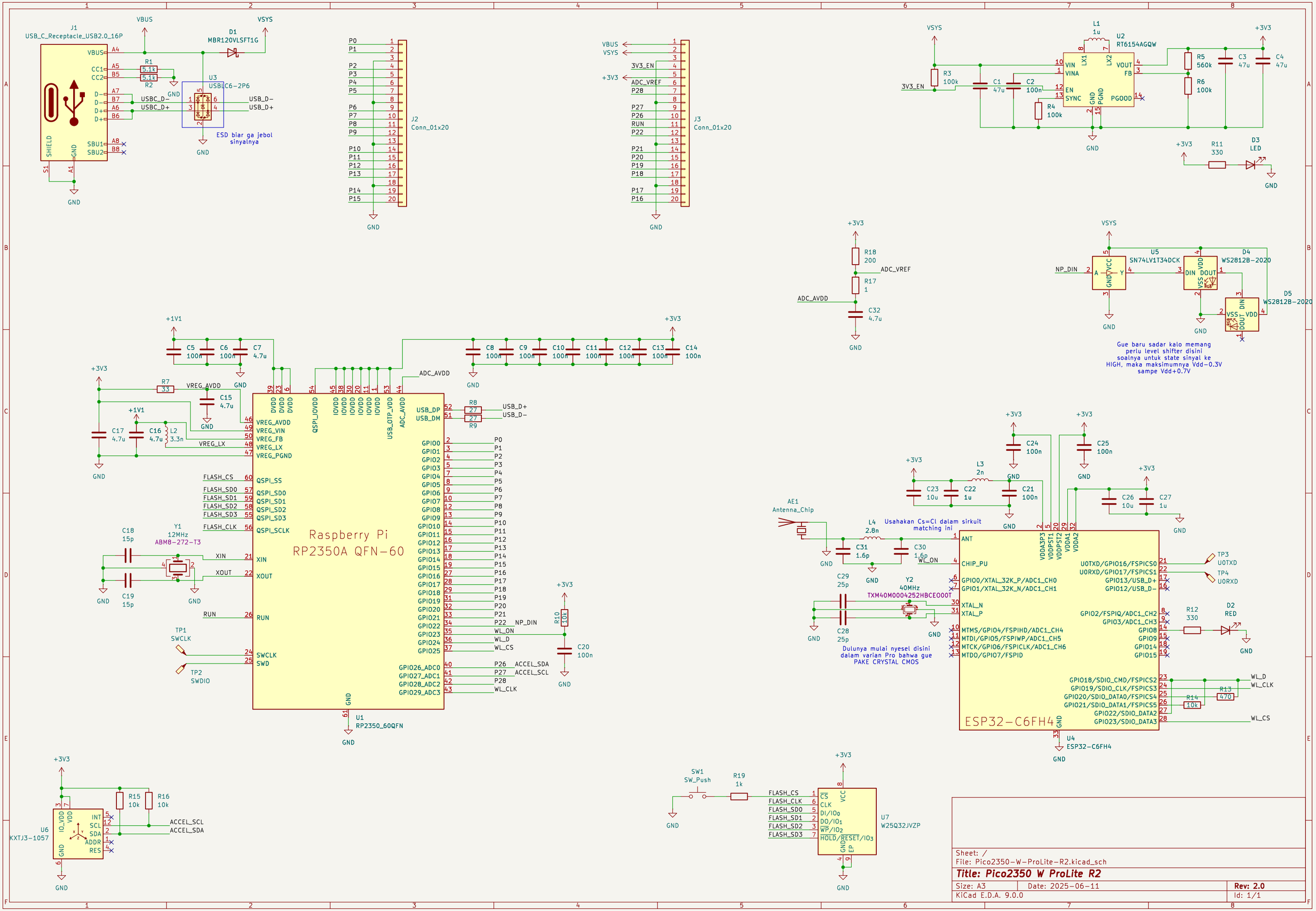
J1
USB_C_Receptacle_USB2.0_16P
VBUS
VSYS
D1
MBR120VLSFT1G
R1
5.1k
R2
5.1k
U3
USBLC6-2P6
USBC_D-
USBC_D+
USB_D-
USB_D+
ESD biar ga jebol sinyalnya
GND
J2
Conn_01x20
J3
Conn_01x20
3V3_EN
ADC_VREF
RUN
+3V3
L1
1u
U2
RT6154AGQW
R3
100k
C1
47u
C2
100n
R4
100k
R5
560k
R6
100k
C3
47u
C4
47u
R11
330
D3
LED
R18
200
R17
1
C32
4.7u
ADC_AVDD
U5
SN74LV1T34DCK
D4
WS2812B-2020
D5
WS2812B-2020
NP_DIN
Gue baru sadar kalo memang perlu level shifter disini soalnya untuk state sinyal ke HIGH, maka maksimumnya Vdd-0.3V sampe Vdd+0.7V
+1V1
C5
100n
C6
100n
C7
4.7u
C8
100n
C9
100n
C10
100n
C11
100n
C12
100n
C13
100n
C14
100n
R7
33
VREG_AVDD
C15
4.7u
C17
4.7u
C16
4.7u
L2
3.3n
VREG_LX
R8
27
R9
27
USB_DP
USB_DM
Raspberry Pi
RP2350A QFN-60
FLASH_CS
FLASH_SD0
FLASH_SD1
FLASH_SD2
FLASH_SD3
FLASH_CLK
QSPI_SS
QSPI_SD0
QSPI_SD1
QSPI_SD2
QSPI_SD3
QSPI_SCLK
XIN
XOUT
RUN
SWCLK
SWD
C18
15p
C19
15p
Y1
12MHz
ABM8-272-T3
TP1
SWCLK
TP2
SWDIO
R10
10k
C20
100n
NP_DIN
WL_ON
WL_D
WL_CS
ACCEL_SDA
ACCEL_SCL
WL_CLK
U1
RP2350_60QFN
C24
100n
C25
100n
L3
2n
C23
10u
C22
1u
C21
100n
C26
10u
C27
1u
AE1
Antenna_Chip
L4
2.8n
Usahakan Cs=Cl dalam sirkuit matching ini
C31
1.6p
C30
1.6p
C29
25p
C28
25p
Y2
40MHz
TXM40M0004252HBCEO00T
Dulunya mulai nyesel disini dalam varian Pro bahwa gue PAKE CRYSTAL CMOS
ESP32-C6FH4
U0TXD/GPIO16/FSPICS0
U0RXD/GPIO17/FSPICS1
GPIO13/USB_D+
GPIO12/USB_D-
TP3
U0TXD
TP4
U0RXD
R12
330
D2
RED
R13
470
R14
10k
U4
ESP32-C6FH4
U6
KXTJ3-1057
R15
10k
R16
10k
SW1
SW_Push
R19
1k
U7
W25Q32JVZP
Sheet: /
File: Pico2350-W-ProLite-R2.kicad_sch
Title: Pico2350 W ProLite R2
Size: A3
Date: 2025-06-11
Rev: 2.0
KiCad E.D.A. 9.0.0
Id: 1/1