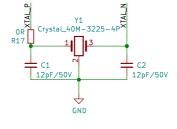
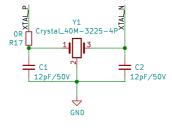
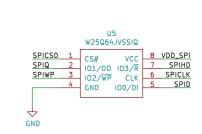
BPI-PicoW-S3

+3.3V

W AE1 Antenna

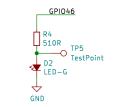






GPI017 5 GPI015 6 GPI013 7

GPI013 7
GPI012 9
GPI014 10
GPI018 11
GPI016 12
GPI021 14
GPI039 16
GPI039 16
GPI040 17
GPI041 19
GPI042 20

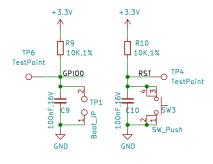


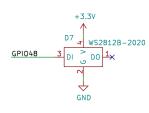
VBUS +3.3V

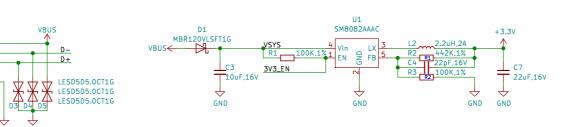
VSYS

3V3_EN

J5 10 GPI05 11 GPI05 16 GPI07 13 GPI05 16 GPI06 15 GPI05 16 GPI05 17 GPI05 18 GPI06 17 GPI05 18 GPI06 17 GPI05 18 GPI05 18 GPI05 19 GPI02 20 GPI01







GPI037/FSPIQ
GPI036/FSPICLK
GPI035/FSPICS
GPI034/FSPICS
GPI034/FSPICS
GPI034/FSPICS
GPI034/FSPICS
GPI033
GPI047/SPICKL
SPID/GPI032
SPICSO/GPI039
SPICSO/GPI029
SPIWP/GPI028
SPIWP/GPI028
SPIHD/GPI027
GPI034
SPICSO/GPI029
SPIWP/GPI028
SPIWP/G

22pF,16V

GND

GPI037 GPI036 GPI035 GPI034

C21 1uF,16V

C22 100nF,16V

+3.3V

RST GPI00 GPI01 GPI02 GPI03 GPI04 GPI05 GPI06 GPI07 GPI08 GPI09

+3.3V

GND

GND

± C8 TBD

GND

1uF,16V

C5 10nF,16V

GND

GND (

2 VDD3P3 VDD3P3

CHIP_PU 5 GPI00

ESP32-S3R2

5 GPI00 6 GPI01 7 GPI02

8 GPI02 9 GPI03 9 GPI04 10 GPI05 11 GPI06 12 GPI07 13 GPI08

14 GPI09

- 1. Change the button pin from boot0 to reset
- . Added boot0 jumper
- 3. Added resistance—capacitance combination to 1034 to realize the function of double—clicking into UF2

Sheet: / File: BPI-Pico-S3-V0_4.kicad_sch

Title: BPI-PicoW-S3

Size: A3 Date: 2022-08-22 KiCad E.D.A. kicad (6.0.7)

O FID1 Fiducial	O Screw1	O Screw2	O Screw	O Screw4	O logo1	
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