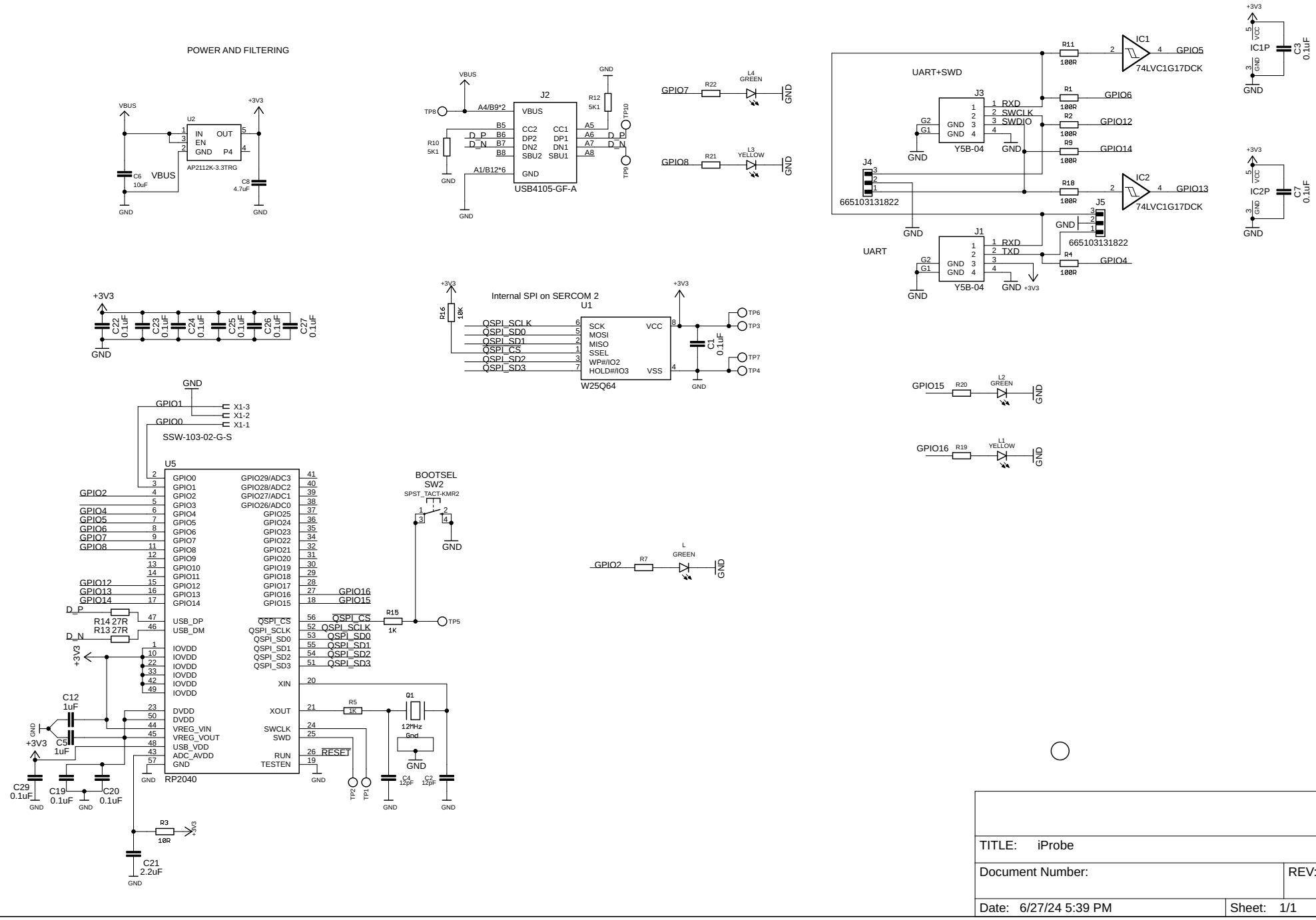
POWER AND FILTERING
VBUS
U2
IN
OUT
EN
GND
P4
AP2112K-3.3TRG
C6
10uF
C8
4.7uF
+3V3
GND
J2
A4/B9*2
B5
B6
B7
B8
A1/B12*6
CC2
DP2
DN2
SBU2
CC1
DP1
DN1
SBU1
A5
A6
A7
A8
D_P
D_N
R10
5K1
R12
5K1
TP8
TP10
TP9
USB4105-GF-A
GPIO7
GPIO8
R22
R21
L4
GREEN
L3
YELLOW
UART+SWD
J3
RXD
SWCLK
SWDIO
Y5B-04
J4
665103131822
J5
J1
TXD
UART
R11
R1
R2
R9
R18
R4
100R
IC1
IC2
74LVC1G17DCK
GPIO5
GPIO6
GPIO12
GPIO14
GPIO13
GPIO4
IC1P
IC2P
C3
C7
0.1uF
C22
C23
C24
C25
C26
C27
Internal SPI on SERCOM 2
U1
R16
10K
QSPI_SCLK
QSPI_SD0
QSPI_SD1
QSPI_CS
QSPI_SD2
QSPI_SD3
SCK
MOSI
MISO
SSEL
WP#/IO2
HOLD#/IO3
VCC
VSS
W25Q64
C1
TP6
TP3
TP7
TP4
GPIO15
GPIO16
R20
R19
L2
L1
GREEN
YELLOW
GPIO1
GPIO0
X1-3
X1-2
X1-1
SSW-103-02-G-S
U5
RP2040
GPIO0
GPIO1
GPIO2
GPIO3
GPIO4
GPIO5
GPIO6
GPIO7
GPIO8
GPIO9
GPIO10
GPIO11
GPIO12
GPIO13
GPIO14
GPIO15
GPIO16
GPIO17
GPIO18
GPIO19
GPIO20
GPIO21
GPIO22
GPIO23
GPIO24
GPIO25
GPIO26/ADC0
GPIO27/ADC1
GPIO28/ADC2
GPIO29/ADC3
USB_DP
USB_DM
IOVDD
DVDD
VREG_VIN
VREG_VOUT
USB_VDD
ADC_AVDD
XIN
XOUT
SWCLK
SWD
RUN
TESTEN
R14 27R
R13 27R
R15
1K
R5
1K
R3
10R
Q1
12MHz
C12
1uF
C5
1uF
C29
0.1uF
C19
0.1uF
C20
0.1uF
C21
2.2uF
C4
12pF
C2
12pF
BOOTSEL
SW2
SPST_TACT-KMR2
TP5
TP2
TP1
R7
L
GREEN
TITLE: iProbe
Document Number:
REV:
Date: 6/27/24 5:39 PM
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