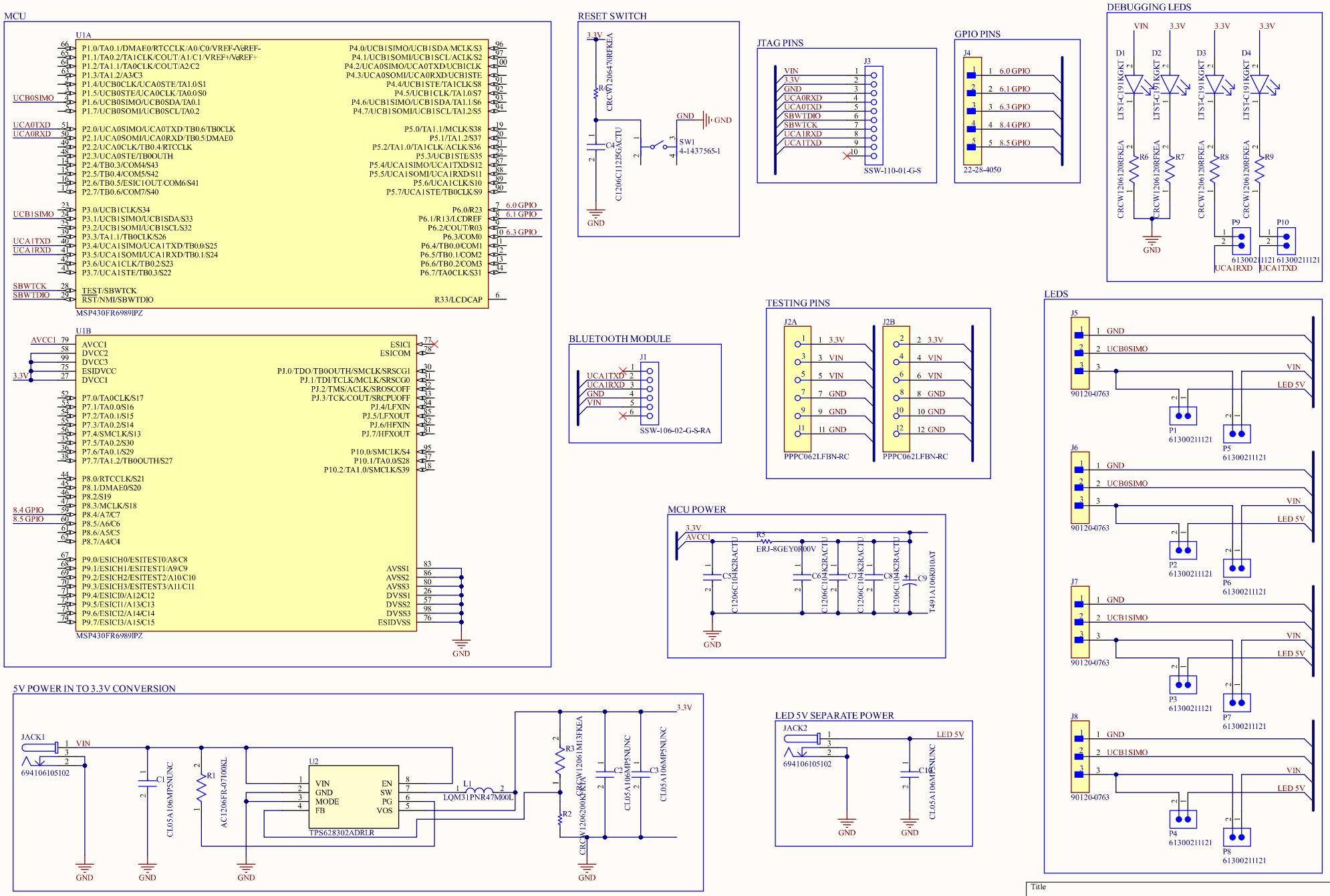
MCU
U1A
MSP430FR6989IPZ
U1B
MSP430FR6989IPZ
RESET SWITCH
CRCW120647 0RFKEA
C1206C112 5GACTU
SW1
4-1437565-1
JTAG PINS
J3
SSW-110-01-G-S
GPIO PINS
J4
22-28-4050
DEBUGGING LEDS
LTST-C191KGKT
CRCW1206120RFKEA
P9
P10
61300211121
UCA1RXD
UCA1TXD
BLUETOOTH MODULE
J1
SSW-106-02-G-S-RA
TESTING PINS
J2A
J2B
PPPC062LFBN-RC
LEDS
J5
J6
J7
J8
90120-0763
P1
P2
P3
P4
P5
P6
P7
P8
MCU POWER
ERJ-8GEY0R00V
C1206C104K2RACTU
T491A106K010AT
5V POWER IN TO 3.3V CONVERSION
JACK1
694106105102
CL05A106MP5NUNC
AC1206FR-07100KL
U2
TPS628302ADRLR
LQM31PNR47M00L
CRCW1206200KFKEA
CRCW12061M3FKEA
LED 5V SEPARATE POWER
JACK2
GND
3.3V
VIN
LED 5V
Title
Size
A3
Number
Revision
Date: 3/05/2024
File: C:\Users\..\ROBOT_FINAL.SchDoc
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Drawn By: