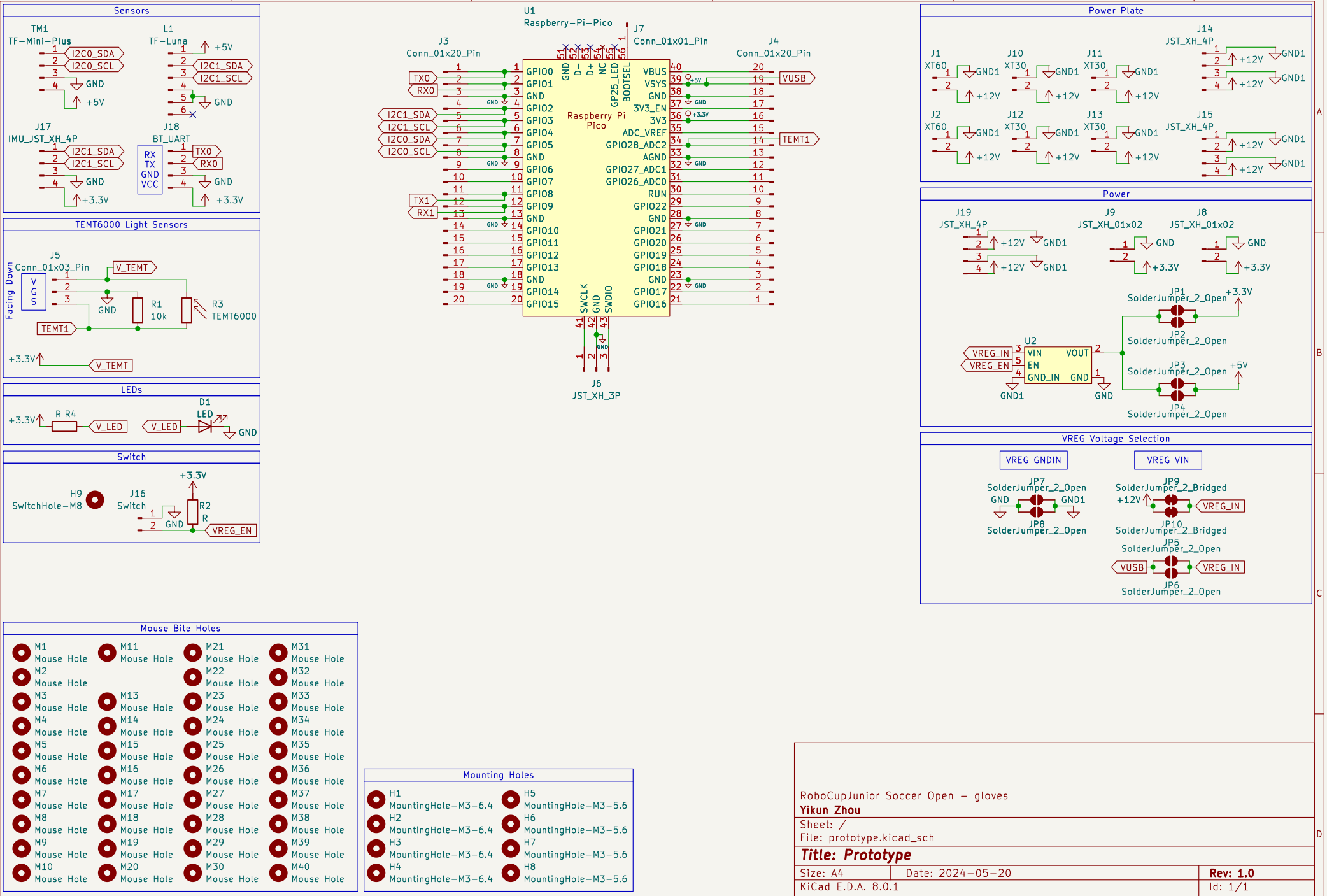
Sensors
TM1
TF-Mini-Plus
I2C0_SDA
I2C0_SCL
GND
+5V
L1
TF-Luna
I2C1_SDA
I2C1_SCL
J17
IMU_JST_XH_4P
J18
BT_UART
RX
TX
GND
VCC
+3.3V
TEMT6000 Light Sensors
J5
Conn_01x03_Pin
Facing Down
V_TEMT
R1
10k
R3
TEMT6000
TEMT1
LEDs
R R4
V_LED
D1
LED
Switch
H9
SwitchHole-M8
J16
Switch
R2
R
VREG_EN
U1
Raspberry-Pi-Pico
J3
Conn_01x20_Pin
J4
Conn_01x20_Pin
J7
Conn_01x01_Pin
J6
JST_XH_3P
Raspberry Pi
Pico
VUSB
Power Plate
J1
XT60
J2
XT60
J10
XT30
J11
XT30
J12
XT30
J13
XT30
J14
JST_XH_4P
J15
JST_XH_4P
GND1
Power
J19
JST_XH_4P
J9
JST_XH_01x02
J8
JST_XH_01x02
JP1
SolderJumper_2_Open
JP2
SolderJumper_2_Open
JP3
SolderJumper_2_Open
JP4
SolderJumper_2_Open
U2
VREG_IN
VREG_EN
VIN
EN
GND_IN
VOUT
GND
VREG Voltage Selection
VREG GNDIN
VREG VIN
JP7
SolderJumper_2_Open
JP8
SolderJumper_2_Open
JP9
SolderJumper_2_Bridged
JP10
SolderJumper_2_Bridged
JP5
SolderJumper_2_Open
JP6
SolderJumper_2_Open
Mouse Bite Holes
Mounting Holes
H1 MountingHole-M3-6.4
H2 MountingHole-M3-6.4
H3 MountingHole-M3-6.4
H4 MountingHole-M3-6.4
H5 MountingHole-M3-5.6
H6 MountingHole-M3-5.6
H7 MountingHole-M3-5.6
H8 MountingHole-M3-5.6
RoboCupJunior Soccer Open - gloves
Yikun Zhou
Sheet: /
File: prototype.kicad_sch
Title: Prototype
Size: A4
Date: 2024-05-20
Rev: 1.0
KiCad E.D.A. 8.0.1
Id: 1/1