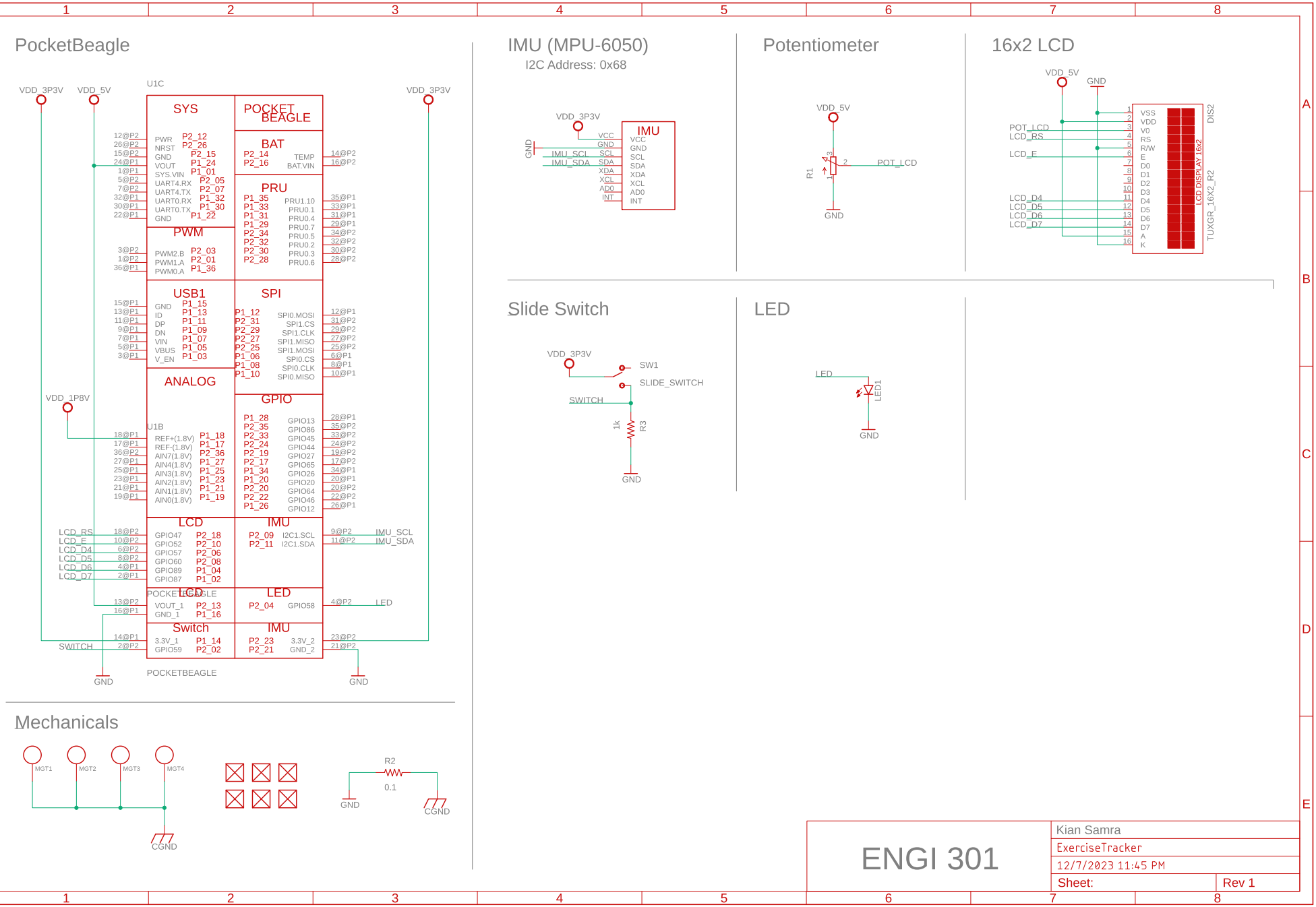
PocketBeagle
U1C
VDD_3P3V
VDD_5V
SYS
POCKET BEAGLE
BAT
PRU
PWM
USB1
SPI
ANALOG
GPIO
U1B
LCD
IMU
LED
Switch
POCKETBEAGLE
VDD_1P8V
SWITCH
GND
IMU (MPU-6050)
I2C Address: 0x68
IMU_SCL
IMU_SDA
Potentiometer
R1
POT_LCD
16x2 LCD
LCD_RS
LCD_E
LCD_D4
LCD_D5
LCD_D6
LCD_D7
TUXGR_16X2_R2
Slide Switch
SW1
SLIDE_SWITCH
R3
1k
LED
LED1
Mechanicals
MGT1
MGT2
MGT3
MGT4
CGND
R2
0.1
ENGI 301
Kian Samra
ExerciseTracker
12/7/2023 11:45 PM
Sheet:
Rev 1