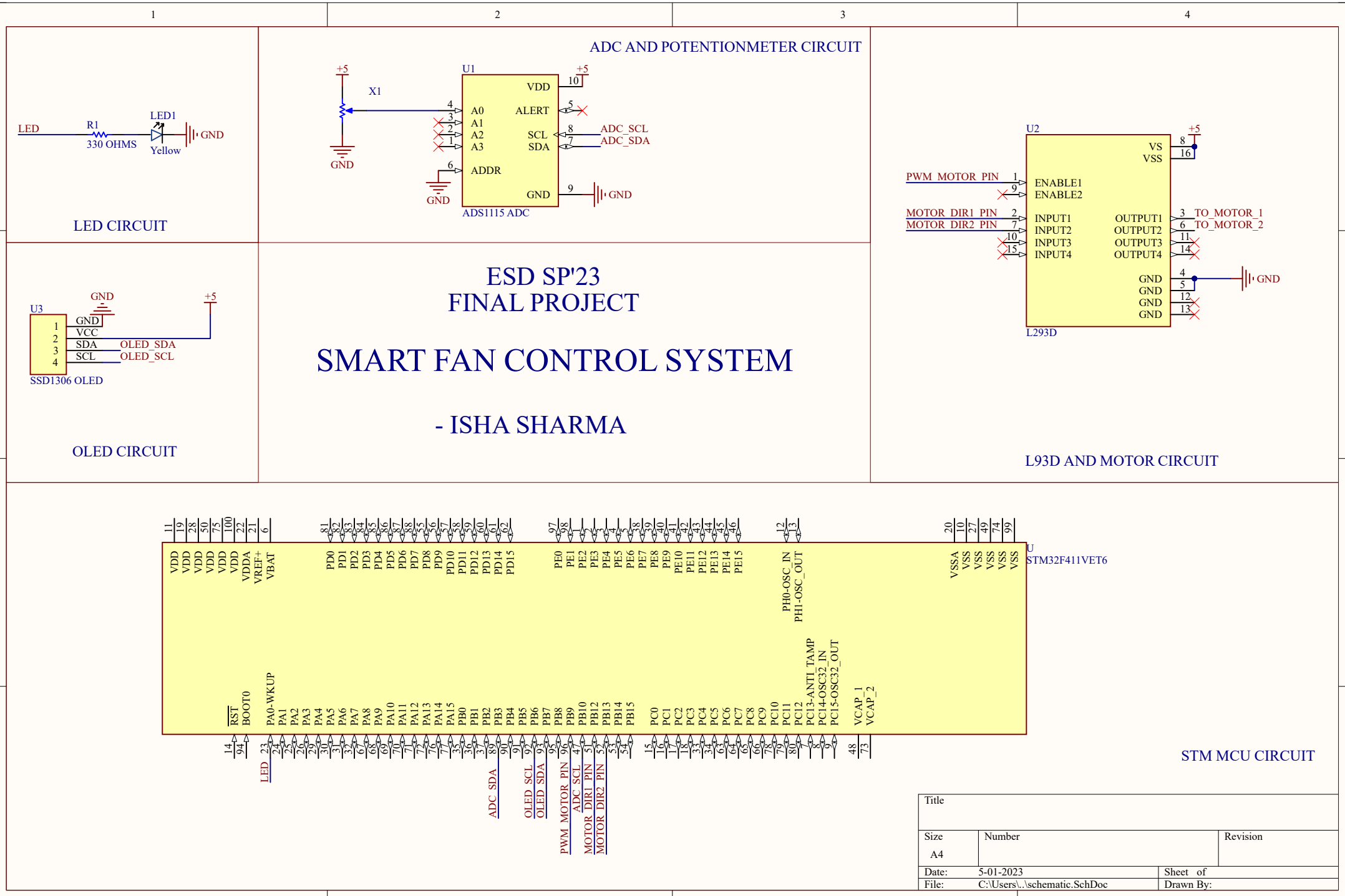
LED
R1
330 OHMS
LED1
Yellow
GND
LED CIRCUIT
ADC AND POTENTIONMETER CIRCUIT
+5
X1
GND
U1
VDD
A0
A1
A2
A3
ALERT
SCL
SDA
ADDR
GND
ADC_SCL
ADC_SDA
ADS1115 ADC
U3
GND
VCC
SDA
SCL
OLED_SDA
OLED_SCL
SSD1306 OLED
OLED CIRCUIT
ESD SP'23
FINAL PROJECT
SMART FAN CONTROL SYSTEM
- ISHA SHARMA
U2
VS
VSS
PWM_MOTOR_PIN
ENABLE1
ENABLE2
MOTOR_DIR1_PIN
MOTOR_DIR2_PIN
INPUT1
INPUT2
INPUT3
INPUT4
OUTPUT1
OUTPUT2
OUTPUT3
OUTPUT4
TO_MOTOR_1
TO_MOTOR_2
L293D
L93D AND MOTOR CIRCUIT
U
STM32F411VET6
VDD
VDDA
VREF+
VBAT
PD0
PD1
PD2
PD3
PD4
PD5
PD6
PD7
PD8
PD9
PD10
PD11
PD12
PD13
PD14
PD15
PE0
PE1
PE2
PE3
PE4
PE5
PE6
PE7
PE8
PE9
PE10
PE11
PE12
PE13
PE14
PE15
PH0-OSC_IN
PH1-OSC_OUT
VSSA
VSS
RST
BOOT0
PA0-WKUP
PA1
PA2
PA3
PA4
PA5
PA6
PA7
PA8
PA9
PA10
PA11
PA12
PA13
PA14
PA15
PB0
PB1
PB2
PB3
PB4
PB5
PB6
PB7
PB8
PB9
PB10
PB12
PB13
PB14
PB15
PC0
PC1
PC2
PC3
PC4
PC5
PC6
PC7
PC8
PC9
PC10
PC11
PC12
PC13-ANTI_TAMP
PC14-OSC32_IN
PC15-OSC32_OUT
VCAP_1
VCAP_2
LED
ADC_SDA
OLED_SCL
OLED_SDA
PWM_MOTOR_PIN
ADC_SCL
MOTOR_DIR1_PIN
MOTOR_DIR2_PIN
STM MCU CIRCUIT
Title
Size
A4
Number
Revision
Date:
5-01-2023
Sheet of
File:
C:\Users\..\schematic.SchDoc
Drawn By: