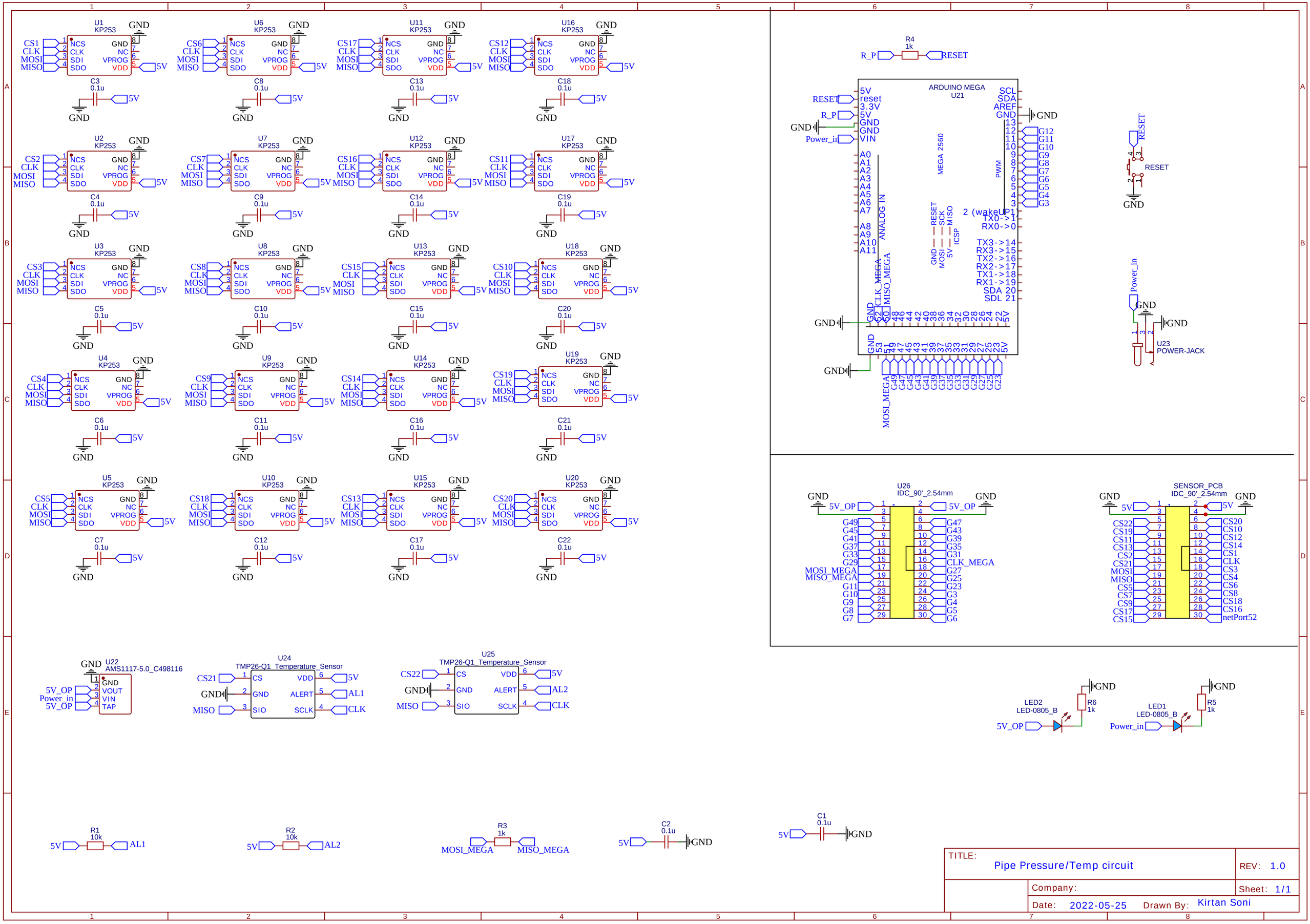
U1 KP253
U2 KP253
U3 KP253
U4 KP253
U5 KP253
U6 KP253
U7 KP253
U8 KP253
U9 KP253
U10 KP253
U11 KP253
U12 KP253
U13 KP253
U14 KP253
U15 KP253
U16 KP253
U17 KP253
U18 KP253
U19 KP253
U20 KP253
NCS
CLK
SDI
SDO
GND
NC
VPROG
VDD
C1 0.1u
C2 0.1u
C3 0.1u
C4 0.1u
C5 0.1u
C6 0.1u
C7 0.1u
C8 0.1u
C9 0.1u
C10 0.1u
C11 0.1u
C12 0.1u
C13 0.1u
C14 0.1u
C15 0.1u
C16 0.1u
C17 0.1u
C18 0.1u
C19 0.1u
C20 0.1u
C21 0.1u
C22 0.1u
R1 10k
R2 10k
R3 1k
R4 1k
R5 1k
R6 1k
U22 AMS1117-5.0_C498116
GND
VOUT
VIN
TAP
U24 TMP26-Q1_Temperature_Sensor
U25 TMP26-Q1_Temperature_Sensor
CS
SIO
ALERT
SCLK
ARDUINO MEGA
U21
MEGA 2560
ANALOG IN
PWM
ICSP
RESET
SCK
MISO
MOSI
SCL
SDA
AREF
VIN
Power_in
U23 POWER-JACK
U26 IDC_90'_2.54mm
SENSOR_PCB IDC_90'_2.54mm
LED2 LED-0805_B
LED1 LED-0805_B
TITLE:
Pipe Pressure/Temp circuit
REV: 1.0
Company:
Sheet: 1/1
Date: 2022-05-25
Drawn By: Kirtan Soni