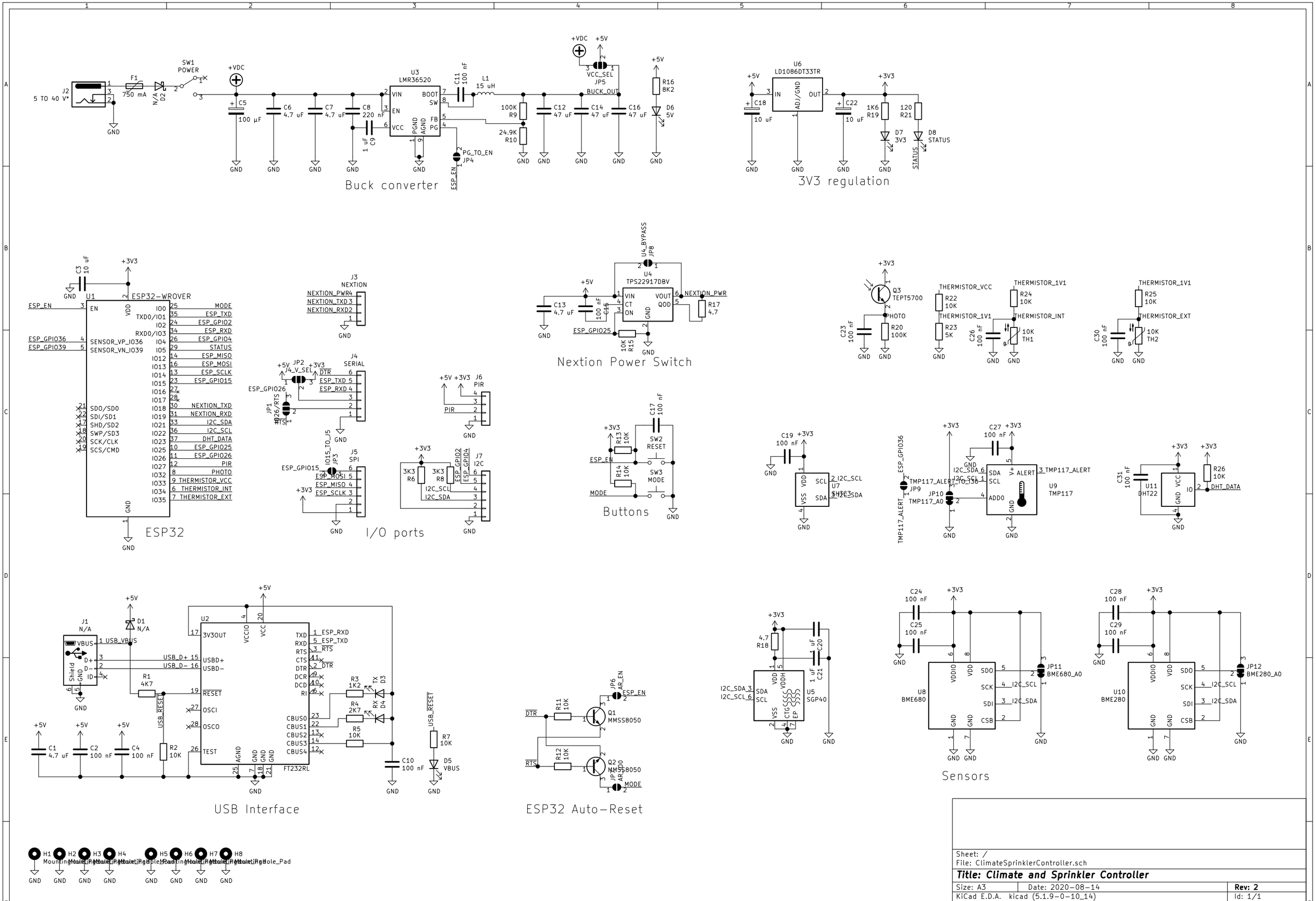
Buck converter
3V3 regulation
Nextion Power Switch
ESP32
I/O ports
Buttons
Sensors
USB Interface
ESP32 Auto-Reset
U3 LMR36520
U6 LD1086DT33TR
U4 TPS22917DBV
U1 ESP32-WROVER
U2 FT232RL
U5 SGP40
U8 BME680
U10 BME280
U9 TMP117
U11 DHT22
Q3 TEPT5700
Q1 MMSS8050
Q2 MMSS8050
J2 5 TO 40 V*
F1 750 mA
SW1 POWER
J3 NEXTION
J4 SERIAL
J5 SPI
J6 PIR
J7 I2C
SW2 RESET
SW3 MODE
Sheet: /
File: ClimateSprinklerController.sch
Title: Climate and Sprinkler Controller
Size: A3
Date: 2020-08-14
Rev: 2
KiCad E.D.A. kicad (5.1.9-0-10_14)
Id: 1/1