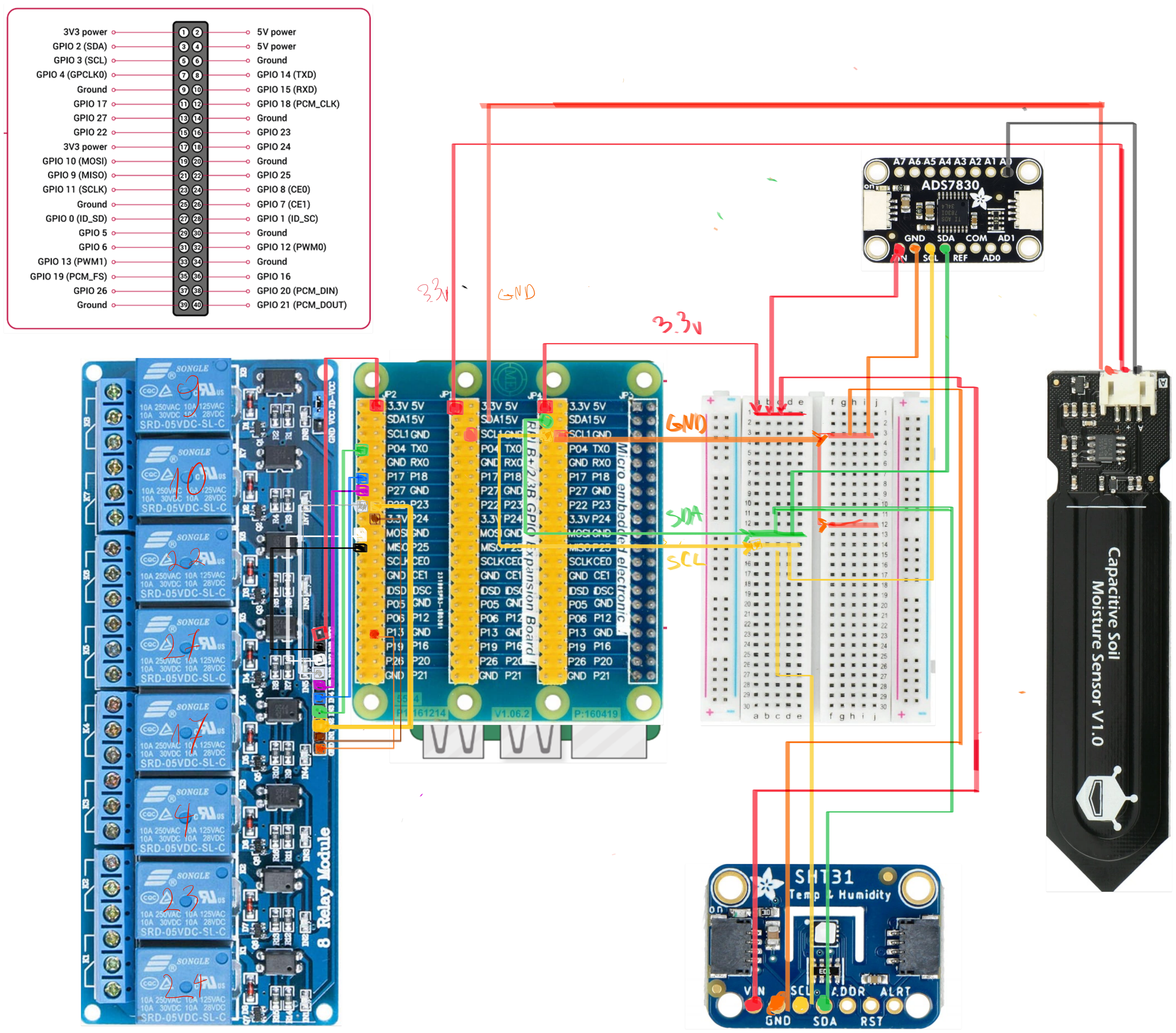
3V3 power
GPIO 2 (SDA)
GPIO 3 (SCL)
GPIO 4 (GPCLK0)
Ground
GPIO 17
GPIO 27
GPIO 22
3V3 power
GPIO 10 (MOSI)
GPIO 9 (MISO)
GPIO 11 (SCLK)
Ground
GPIO 0 (ID_SD)
GPIO 5
GPIO 6
GPIO 13 (PWM1)
GPIO 19 (PCM_FS)
GPIO 26
Ground
5V power
5V power
Ground
GPIO 14 (TXD)
GPIO 15 (RXD)
GPIO 18 (PCM_CLK)
Ground
GPIO 23
GPIO 24
Ground
GPIO 25
GPIO 8 (CE0)
GPIO 7 (CE1)
GPIO 1 (ID_SC)
Ground
GPIO 12 (PWM0)
Ground
GPIO 16
GPIO 20 (PCM_DIN)
GPIO 21 (PCM_DOUT)
3.3V
GND
3.3V
GND
SDA
SCL
ADS7830
A7 A6 A5 A4 A3 A2 A1 A0
GND SDA COM AD1
VIN SCL REF AD0
SONGLE
SRD-05VDC-SL-C
8 Relay Module
Micro embedded electronic
Expansion Board
V1.06.2
P:160419
Capacitive Soil
Moisture Sensor V1.0
SHT31
Temp & Humidity
VIN SCL ADDR ALRT
GND SDA RST