ESP32-S Development Board

Proto Supplies

AD8232 o/p ↔ GPIO 36

AD8232
G
3.3V
OUTPUT
LO-
LO+
SDN

LO+ To GPIO9
LO- To GPIO10

PIR OUT → GPIO13

GPIO 36

(9V)

O 28.5 - D

MAX 30100
G
SDA
SCL
VIN

5V

AD8232

3.3V — (ESP) 3V
OUTPUT — (ESP) GPIO 36
LO(-) — (ESP) GPIO 10
LO(+) — (ESP) GPIO 9
G — (ESP) G

MAX 30100

SDA — GPIO 21 (ESP)
SCL — GPIO 22 (ESP)
VIN — (ESP) 5V
G — (ESP) G

PIR

VCC — (ESP) 5V
OUT — (ESP) GPIO 13
G — (ESP) G

DS18B20.

(V) Red → 3V (ESP)
(o/p) Yellow → (ESP) GPIO 33
Black → (ESP) G
(Red ↔ Yellow) 4.7KΩ

LED (BLUE)

GPIO 27

1. Red Led when the device is powered on.

2. There should be 4 small switches to switch on and off the four individual sensors.