

- PIR motion sensor
 - GND → GND
 - HIGH/LOW OUTPUT → D2
 - Power → 5 V
- OLED display (I2C)
 - GND → GND
 - VCC → 5V
 - SCL → A5
 - SDA → A4
- MicroSD card module
 - 3v3 → 3.3 V rail (row)
 - CS → L1
 - MOSI → L2
 - CLK → L3
 - MISO → D12
 - GND → GND
- DS3231 RTC module
 - SCL → A5
 - SDA → A4
 - VCC → 5V
 - GND → GND
- Push button
 - One side → GND
 - Other side → D7
- Multiple LEDs
 - Red → D3
 - Green → D4
 - Orange → D5
- Passive Buzzer
 - + (Long leg) → D6
 - – (Short leg) → GND
- AMS1117-3.3 DC-DC Step-Down Power
 - Vin → 5V
 - Vout → 3.3 V Rail (row)
 - GND → GND
- 4 Logic Step Down Converter
 - HV1 → D10
 - HV2 → D11

- HV → 5.5 V
- GND → GND
- HV3 → D13
- HV4 →
- LV1 → CS
- LV2 → MOSI
- LV → 3.3V Rail (row)
- GND → GND
- LV3 → CLK
- LV4