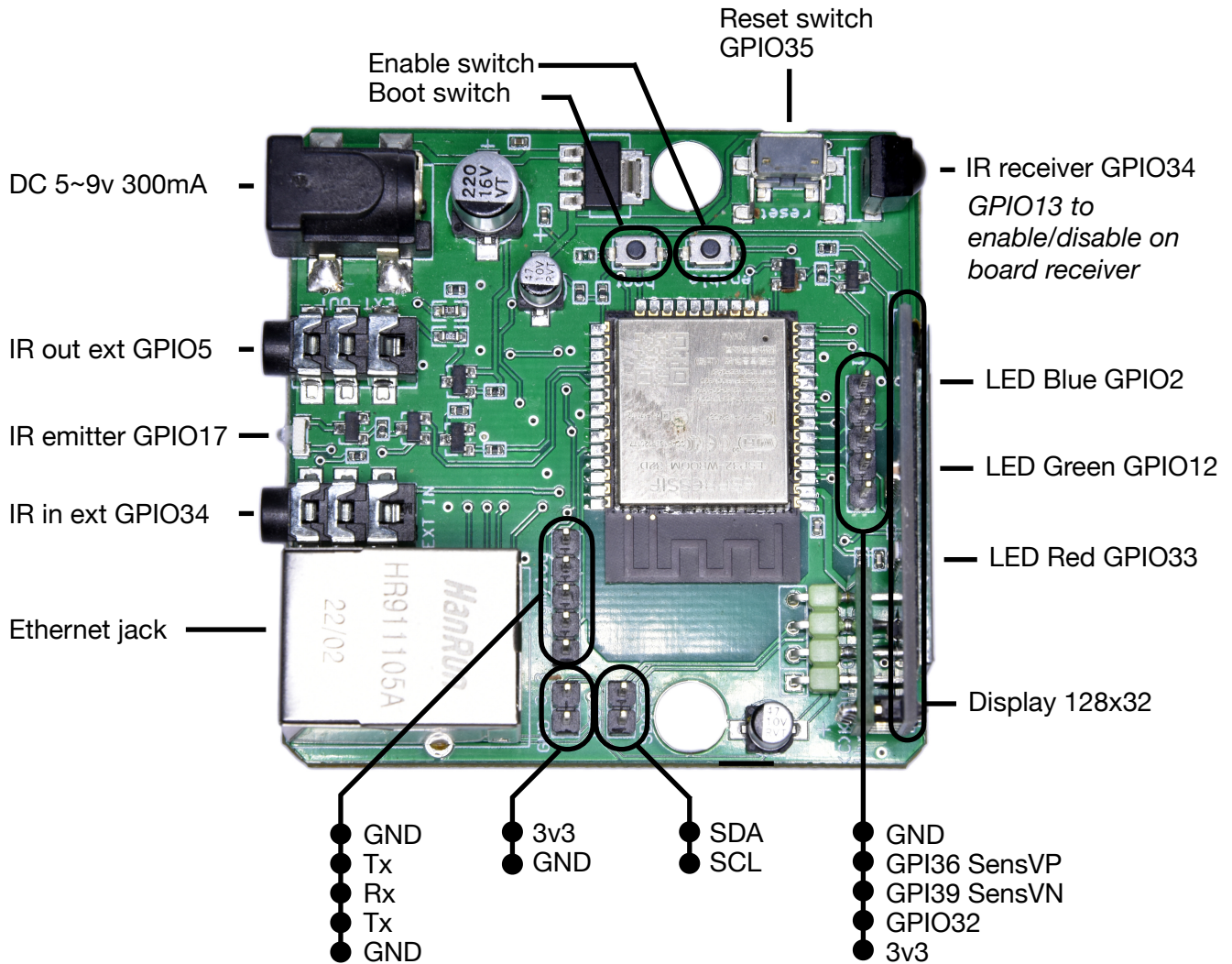


ESP32 Project Development Board



Compatible with Eclipse, platformIO, Arduino, ESPHome
 Program with on board USB-TTL header pins
 DC input socket use any PSU rated 5v - 9v
 On-board IR Receiver & emitter

USEFUL DATA:

Dimensions: 60mm x 60mm
 Chipset: ESP32 Wroom 4mb

Display:
 I2C_SDA = 04
 I2C_SCL = 14
 SCREEN_WIDTH = 128
 SCREEN_HEIGHT = 32
 OLED_RESET -1
 SCREEN_ADDRESS = 0x3C

on-board infrared:
 Rx PIN = 34;
 Tx PIN = 17

on board LEDs:
 RED LED on GPIO33
 GREEN LED on GPIO12
 BLUE LED on GPIO02

on board ethernet:
 ETH_CLK_MODE ETH_CLOCK_GPIO0_IN
 ETH_PHY_ADDR 01
 ETH_PHY_TYPE ETH_PHY_LAN8720
 ETH_PHY_POWER 16
 ETH_PHY_MDC 23
 ETH_PHY_MDIO 18
 EMAC_RXD1 26
 EMAC_TXD1 22
 EMAC_RXD0 25
 EMAC_TXD0 19
 EMAC_TX_EN 21

on board reset switch = 35

Program header J3
 Pin 1 = GND
 Pin2 = Tx
 Pin3 = Rx
 Pin5 = Tx
 Pin5 = Rx