Legenda:

O2 = GPIO2 = SCL

O0 = GPIO0 = SDA

Dc reg.: regulator 5v to 3,3v

PW2 HDR-F-2.54_1x2 Vcc Gnd +5V GND

D1 1N4007

C1 1u

U3 L7805ABP OUTPUT GND INPUT

C2 10u

PW1 KLDX-0202-B

DG1 HDR-F-2.54_1x3 Gnd vcd S

JP3 HDR-M-2.54_1x2

LED2 LED-TH-3mm_G

R2 220

BT1 K4-6×6_TH

DG2 HDR-F-2.54_1x3 Gnd vcd S

JP4 HDR-M-2.54_1x2

LED3 LED-TH-3mm_B

R3 220

DG3 HDR-F-2.54_1x3 vcd S Gnd

JP1 HDR-M-2.54_1x3 +3v vcc +5v

Dc reg. Out Gnd In +3V +5V

SERIAL_ADATT HDR-M-2.54_2x4 Gnd Tx GP2 4 GP0 6 Rx +3

J1 HDR-M-2.54_1x5 3V TX RX G0 G2

J2 HDR-M-2.54_1x5 3V TX RX G0 G2

J3 HDR-M-2.54_1x5 3V TX RX G0 G2

1 ESP01 RXD GPIO0 GPIO2 GND +3v RST CH_PD TXD

I2C1 HDR-F-2.54_1x4 scl sda gnd vcc

JP2 HDR-M-2.54_1x3 +3v vcd +5v

I2C2 HDR-F-2.54_1x6 cs sdo sda scl gnd vcc

I2C3 HDR-F-2.54_1x4 sda scl vcc gnd

R1 220

LED1 LED-TH-3mm_R

TITLE: EsP01_board		REV: 1.0
	Company: Ethical_diy	Sheet: 1/1
	Date: 2024-05_21 Drawn By: Riccardo Grosso	