

[illegible]

ESP-32

The diagram illustrates the wiring for an ESP32 Devkit V1 (labeled U1) connected to a +6V power source and an LED strip (labeled FITA DE LED).

ESP32 Pin Connections:

Pin	Function	Connection
1	3V3	3V3
2	GND	GND
3	I015	I013
4	I02	I012
5	I04	I014
6	I016	I027
7	I017	I026
8	I05	I025
9	I018	I033
10	I019	I032
11	I021	I035
12	I03	I034
13	I01	VN
14	I022	VP
15	I023	EN
30	VIN	+6V
29	GND	GND
28	LED_BLUE	LED_BLUE
27	LED_GREEN	LED_GREEN
26	LED_RED	LED_RED

LED Strip Connections:

Pin	Function	Connection
1	+12V	+12V
2	RED	COLOR_RED
3	GREEN	COLOR_GREEN
4	BLUE	COLOR_BLUE

Legend:

- 1 - +12 V
- 2 - RED
- 3 - GREEN
- 4 - BLUE

Component Labels:

- U1: Esp32-Devkit-V1
- CURT1:ESP32-DEVKITV1
- FITA DE LED

Overview ESP32 Devkit V1 :
https://olddocs.zerynth.com/r2.3.2/official/board.zerynth.doit_esp32/docs/index.html

POWER SUPPLY

GROUNDING MOUNTING

Autor: Victor Curti
 File: \Kicad\RGB_Control
<https://github.com/VictorCurti/RGB-Control-ESP32>

Sheet: /
 File: RGB_Control.sch

Title: Controladora RGB Wifi

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