Larry

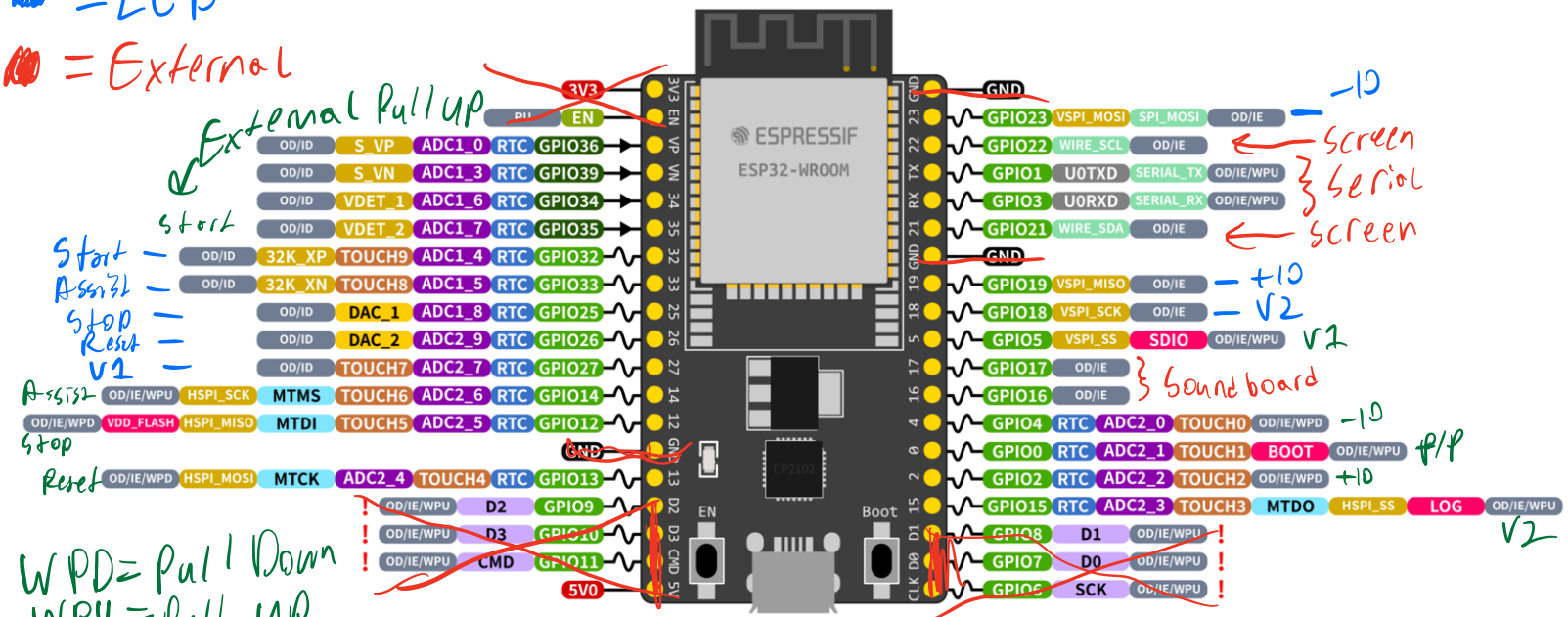
ESP32-DevKitC

= Button

= LED

= External

External Pull up



WPD = Pull Down

WPU = Pull up

ESP32 Specs

32-bit Xtensa® dual-core @240MHz
Wi-Fi IEEE 802.11 b/g/n 2.4GHz
BLuetooth 4.2 BR/EDR and BLE
520 KB SRAM (16 KB for cache)
448 KB ROM
34 GPIOs, 4x SPI, 3x UART, 2x I2C,
2x I2S, RMT, LED PWM, 1 host SD/eMMC/SDIO,
1 slave SDIO/SPI, TWAI®, 12-bit ADC, Ethernet

PWM Capable Pin
GPIOX — GPIO Input Only
GPIOX — GPIO Input and Output
DAC_X — Digital-to-Analog Converter
DEBUG — JTAG for Debugging
FLASH — External Flash Memory (SPI)
ADCX_CH — Analog-to-Digital Converter
TOUCHX — Touch Sensor Input Channel
OTHER — Other Related Functions
SERIAL — Serial for Debug/Programming
ARDUINO — Arduino Related Functions
STRAP — Strapping Pin Functions

RTC — RTC Power Domain (VDD3P3_RTC)
GND — Ground
PWD — Power Rails (3V3 and 5V)
! — Pin Shared with the Flash Memory
Can't be used as regular GPIO

GPIO STATE
WPU: *Weak Pull-up (Internal)*
WPD: *Weak Pull-down (Internal)*
PU: *Pull-up (External)*
IE: *Input Enable (After Reset)*
ID: *Input Disabled (After Reset)*
OE: *Output Enable (After Reset)*
OD: *Output Disabled (After Reset)*

Arcadian

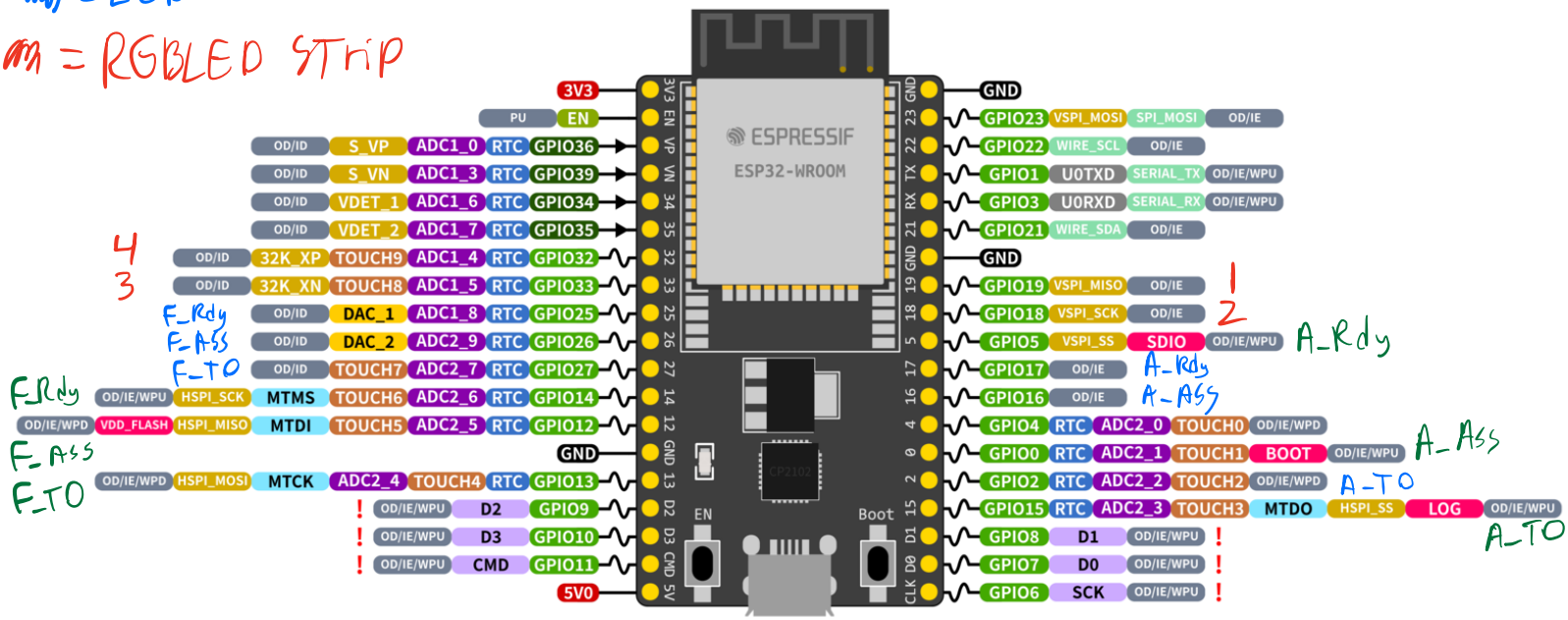
ESP32-DevKitC

ESPRESSIF

= Button

= LED

= RGBLED STrip



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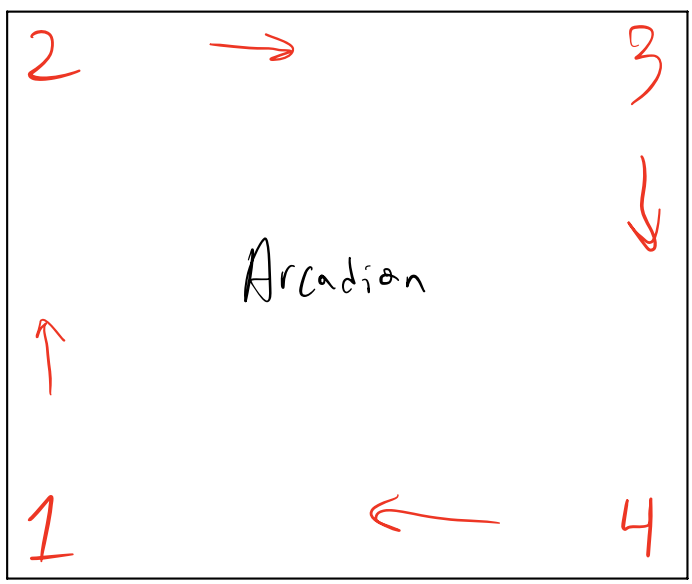

Amadeus-T1

Arcadian

Fre1-T2

Larry