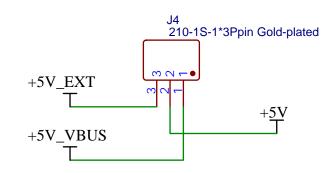
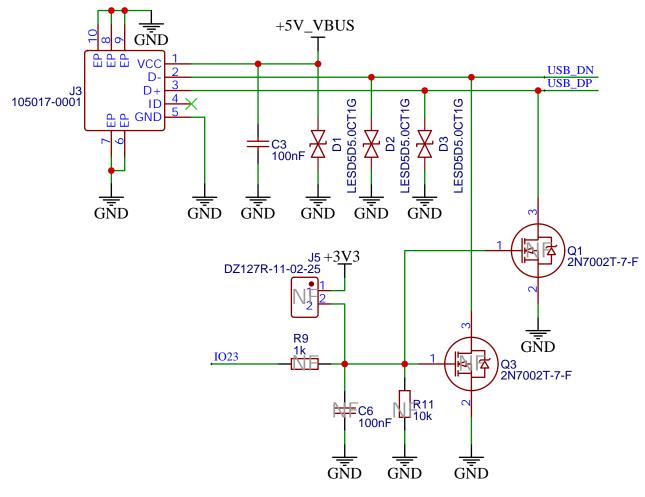
# **ESP32 Tutorial**

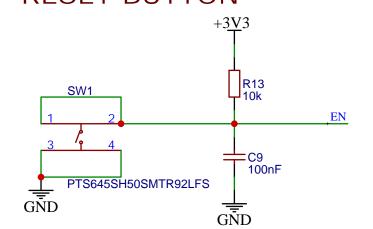
### POWER INPUT SELECTION



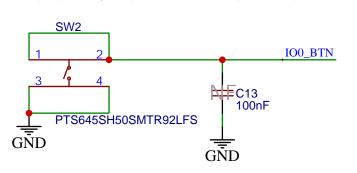
#### **USB CONNECTOR**



# **RESET BUTTON**



# **BOOT / USER BUTTON**

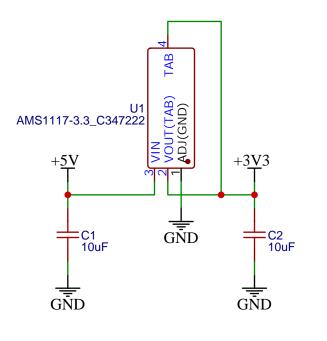


#### 5V to 3.3V

USB\_DP USB\_DN

R8 10k

GND GND



**USB TO SERIAL** 

=C5 100nF

GND GND

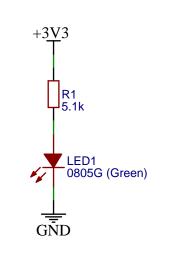
+5V\_VBUS

#### POWER LED

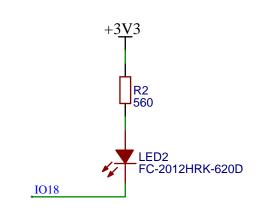
TXD

RXD RTS

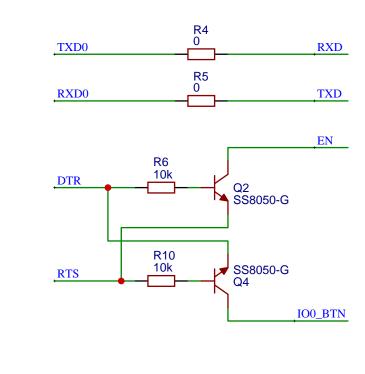
ĠŅD



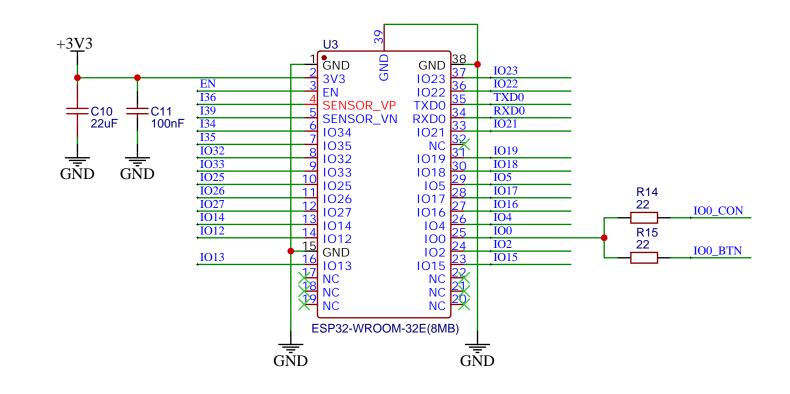
#### **USER LED**



#### SERIAL SIGNALS HANDLING



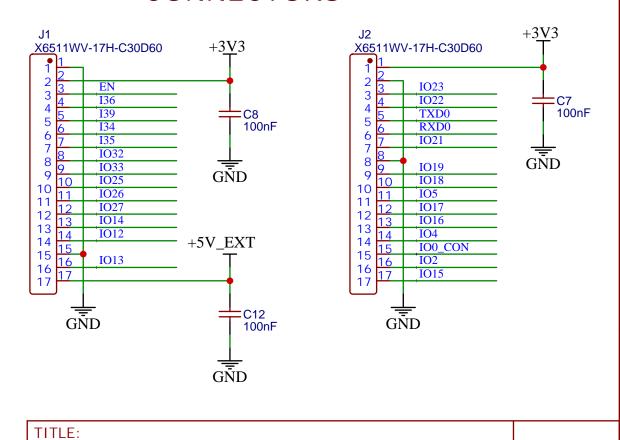
## **ESP32 MODULE**



### CONNECTORS

**ESP32 Tutorial** 

Company: FEDEVEL



REV: 1.0

Sheet: 1/1

ESP32 Module Datasheet https://www.espressif.com/sites/default/files/documentation/esp32-wroom-32e\_esp32-wroom-32ue\_datasheet\_en.pdf ESP32 Module Reference Schematic 1: https://dl.espressif.com/dl/schematics/esp32\_devkitc\_v4-sch.pdf

ESP32 S2 Module Reference Schematic 2: https://dl.espressif.com/dl/schematics/ESP32-S2-DevKitM-1\_V1\_Schematics.pdf

**⇔**嘉立创EDA Date: 2022-10-17 Drawn By: robertferanec