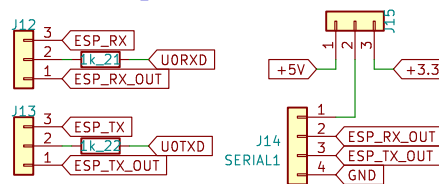


Jumper config for RX/TX lines  
Connect ESP\_XX\_out for serial programming  
Connect ESP\_XX for wifi communication



RTC GPIO: 0,2,4,12-15,25-27,32-39

- ext0: - single RTC\_GPIO as wakeup source
- ext1: - multiple RTC\_GPIOs as wakeup source
  - either any pin high or all pins low
  - internal Pull-ups /Pull-downs disabled

Boot Mode Configuration:

Pin	Default	Boot	Download
GPIO0	1	1	0
U0TXD	1	1	x
GPIO2	0	x	0
GPIO4	0	x	x
MTD0	1	x	x
GPIO5	1	1	x

If U0TXD, GPIO2, GPIO5 are floating,  
GPIO0 determines boot mode

With thanks to:  
<https://github.com/CoretechR/OMOTE.git>  
<https://github.com/averywallis/Feather-NEO-M9N-GPS.git>

Sheet: /ESP32/  
File: ESP32.kicad\_sch

**Title:**

Size: A4

Date:

**Rev:**

KiCad E.D.A. 8.0.7

Id: 2/3

