



CUT TRACE TO
DISABLE MCU
BUT NOT REQUIRED

To power on the wifi module the
MCU pulls MCU_WIFI_EN_GATE LOW.
MCU_WIFI_EN_GATE can be connected
to GND to keep the WIFI module powered on.

Reverse engineering notes:

- * Components on top = not in box.
- * Components on bottom = inside box.
- * Top component schematic positions and orientations match physical placement on PCB.

Usage Notes:

- * Pressing and holding RESET for 5 seconds enables WIFI for 2 minutes.
 - 3v3 is powered.
 - Are RX/TX linked during this two minutes - probe pin 15!

- * It appears MCU waits for command Wifi Module before power to Wifi module is disabled.

Flashing Notes:

- * Disconnect battery.
- * Connect GPIO0 to GND.
- * Connect bench PSU (battery maybe ok too).
- * Backup flash via WIFI RX/TX using ESP tool.
- * Power off.
- * Disconnect GPIO0 from GND
- * Power on with bench PSU (battery maybe ok too).

Itemref	Quantity	Wifi Contact Switch, LiPo Battery Powered	WIFI-101
			Date 2022/12/28 Scale 1:1
Reverse engineered by Dominic Clifton			Edition 0 Sheet 1/1