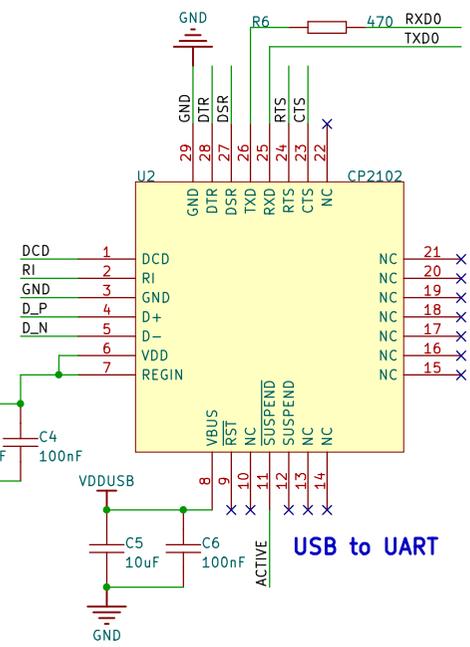
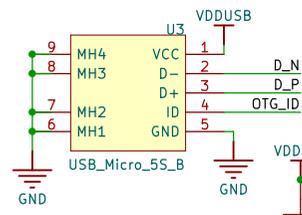
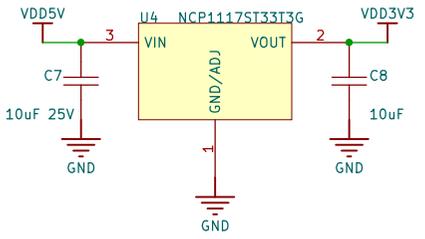
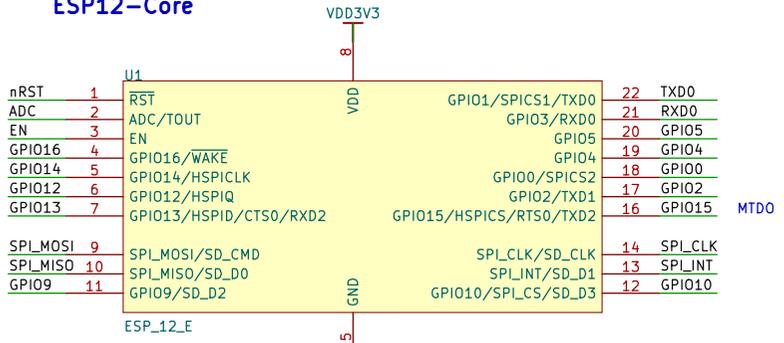


AUTO PROGRAM CIRCUIT			
DTR	RTS	RST	GPIO0
1	0	1	1
1	1	0	0
0	0	1	1

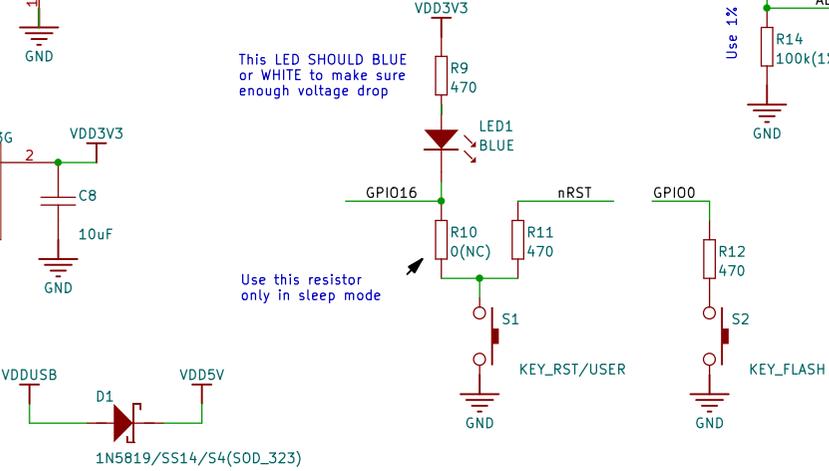


MATTERS NEEDING ATTENTION
 On every boot/reset/wakeup, GPIO15 MUST keep LOW, GPIO2 MUST keep HIGH, GPIO0 HIGH -> RUN MODE, LOW -> FLASH MODE. When you need to use the sleep mode, GPIO16 and RST should be connected, and GPIO16 will output LOW to reset the system at the time of wakeup.

ESP12-Core

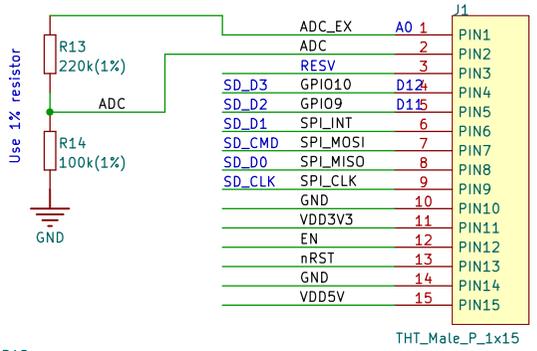


Working Output: 3.3V 800mA
 Working Current Limit: 1000mA
 Max Current: 1000mA
 Max Supply Voltage: 20V
 Voltage Dropout: 1.2V@800mA



This LED SHOULD BLUE or WHITE to make sure enough voltage drop

Use this resistor only in sleep mode



Use 1% resistor

