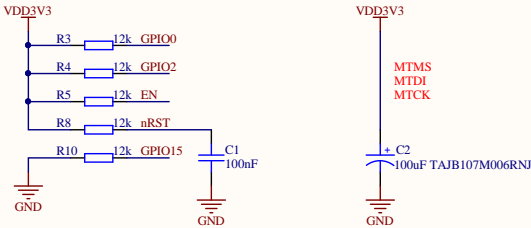
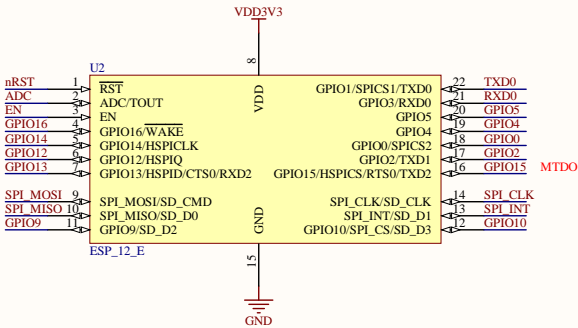


Nodemcu v3-CH340 sch

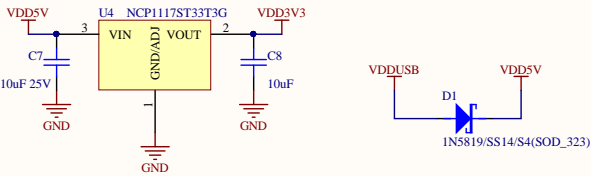
esp8266



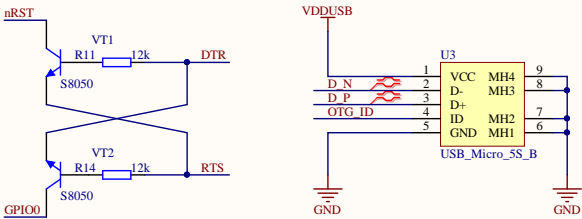
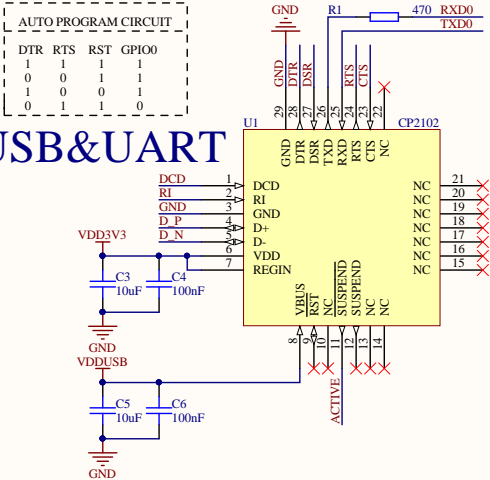
MATTERS NEEDING ATTENTION
On every boot/reset/wakeup,
GPIO15 MUST keep LOW, GPIO2 MUST keep HIGH.
GPIO0 HIGH -> RUN MODE, LOW -> FLASH MODE.
When you need to use the sleep mode, GPIO16 and RST should be connected,
and GPIO16 will output LOW to reset the system at the time of wakeup.



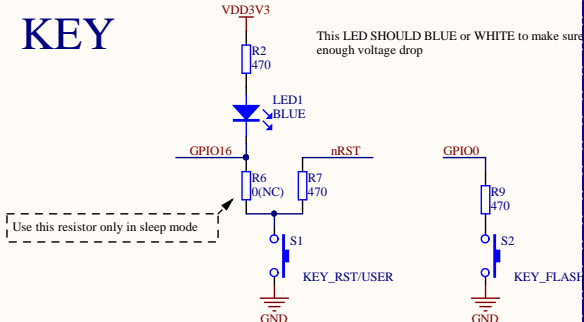
POWER



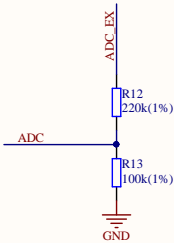
USB&UART



KEY



ADC



IO-PIN

J1		J2	
ADC EX	A0	PIN1	1 D0 GPIO16
VU	ADC	PIN2	2 D1 GPIO5
VDDUSB		PIN3	3 D2 GPIO4
SD D3	GPIO10	PIN4	4 D3 GPIO0
SD D2	GPIO9	PIN5	5 D4 GPIO2 TXD1
SD D1	SPI INT	PIN6	6 VDD3V3
SD CMD	SPI MOSI	PIN7	7 GND
SD D0	SPI MISO	PIN8	8 D5 GPIO14 HSPICLK
SD CLK	SPI CLK	PIN9	9 D6 GPIO12 HSPICLK
		PIN10	10 D7 GPIO13 RXD2 HSPICLK
		PIN11	11 D8 GPIO15 TXD2 HSPICLK
		PIN12	12 D9 RXD0 GPIO3
		PIN13	13 D10 TXD0 GPIO1
		PIN14	14 GND
		PIN15	15 VDD3V3

