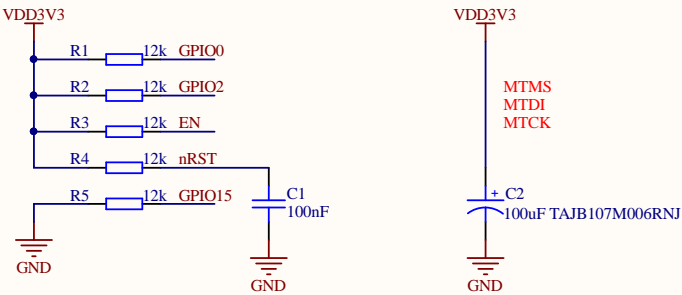


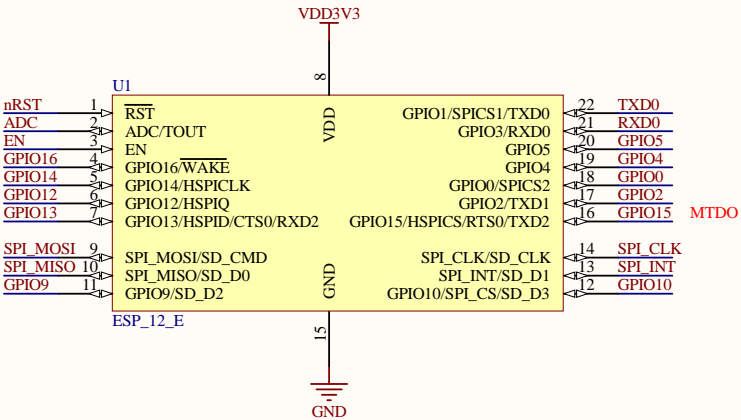
NODE MCU DEVKIT V1.0

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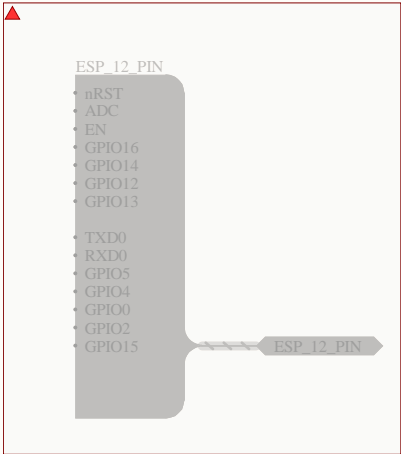
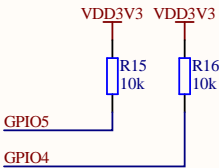
ESP-12 CORE



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.

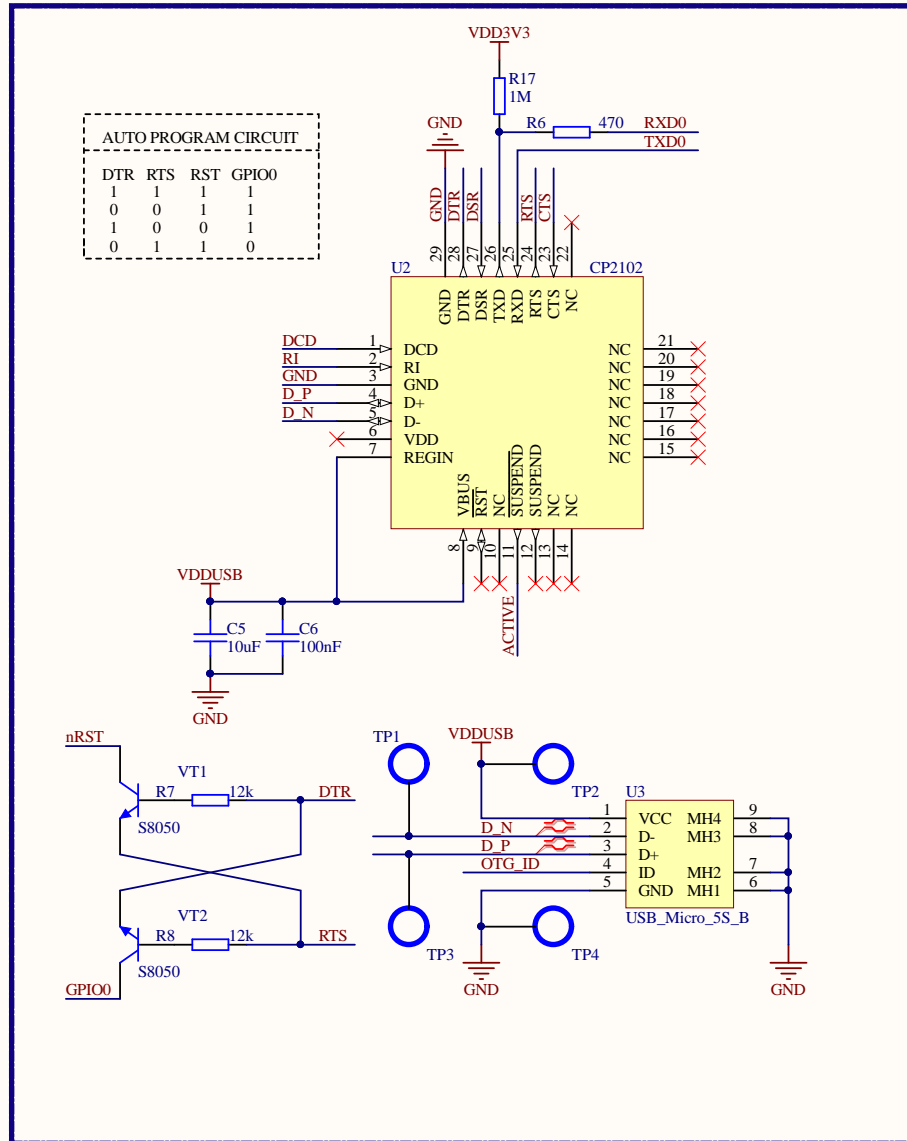


I2C pull-up



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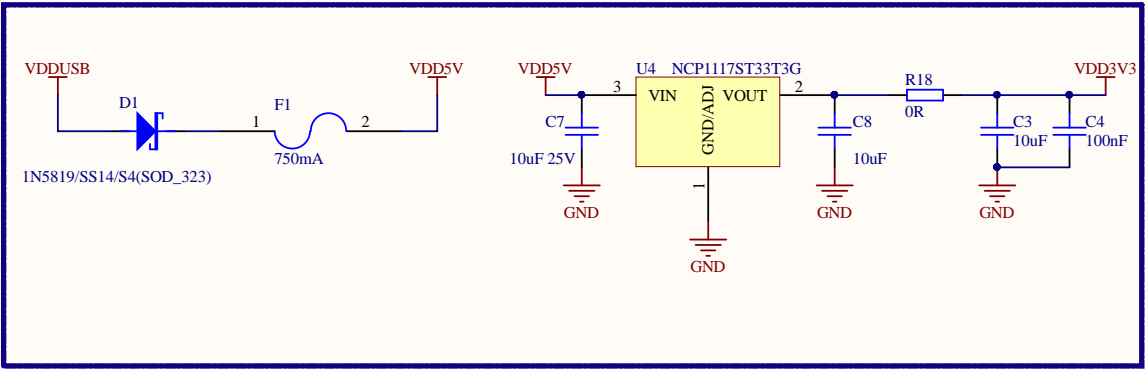
USB TO UART



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POWER



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

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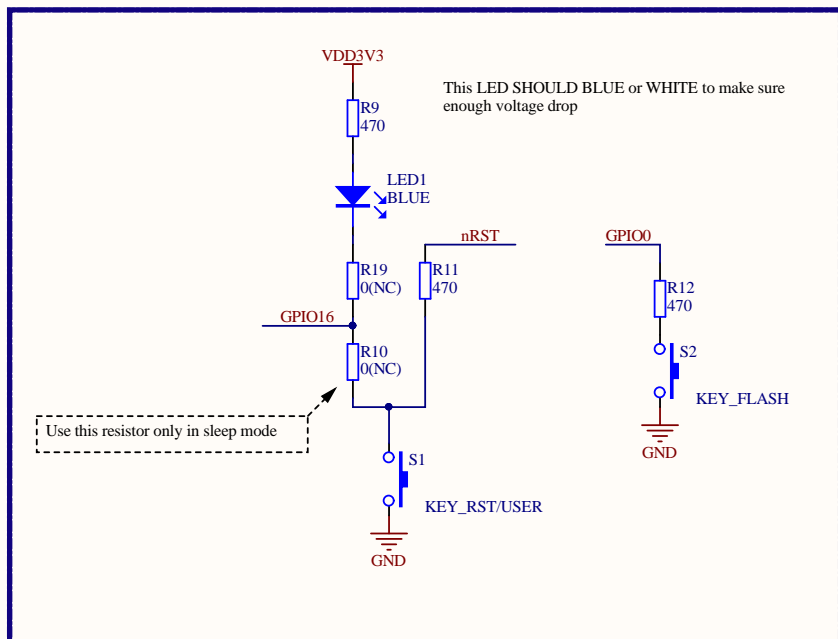
IO CONN

J1			J2		
ADC_EX	A0	1	PIN1	1	D0 GPIO16
ADC		2	PIN2	2	D1 GPIO5
RESV		3	PIN3	3	D2 GPIO4
SD_D3	GPIO10	D12	4	D3 GPIO0	
SD_D2	GPIO9	D11	5	D4 GPIO2	TXD1
SD_D1	SPI_INT		6		VDD3V3
SD_CMD	SPI_MOSI		7		GND
SD_D0	SPI_MISO		8	D5 GPIO14	HSPICLK
SD_CLK	SPI_CLK		9	D6 GPIO12	HSPIQ
GND		10	10	D7 GPIO13	RXD2 HSPID
VDD3V3		11	11	D8 GPIO15	TXD2 HSPICS
EN		12	12	D9 RXD0	GPIO3
nRST		13	13	D10 TXD0	GPIO1
GND		14	14		GND
VDD5V		15	15		VDD3V3

THT_Male_P_1x15 THT_Male_P_1x15

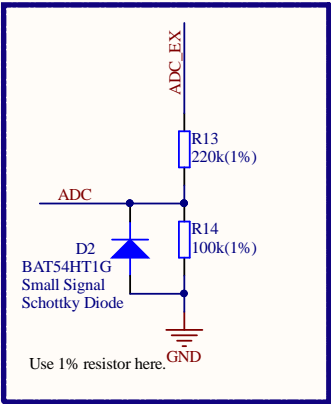
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KEY



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ADC



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