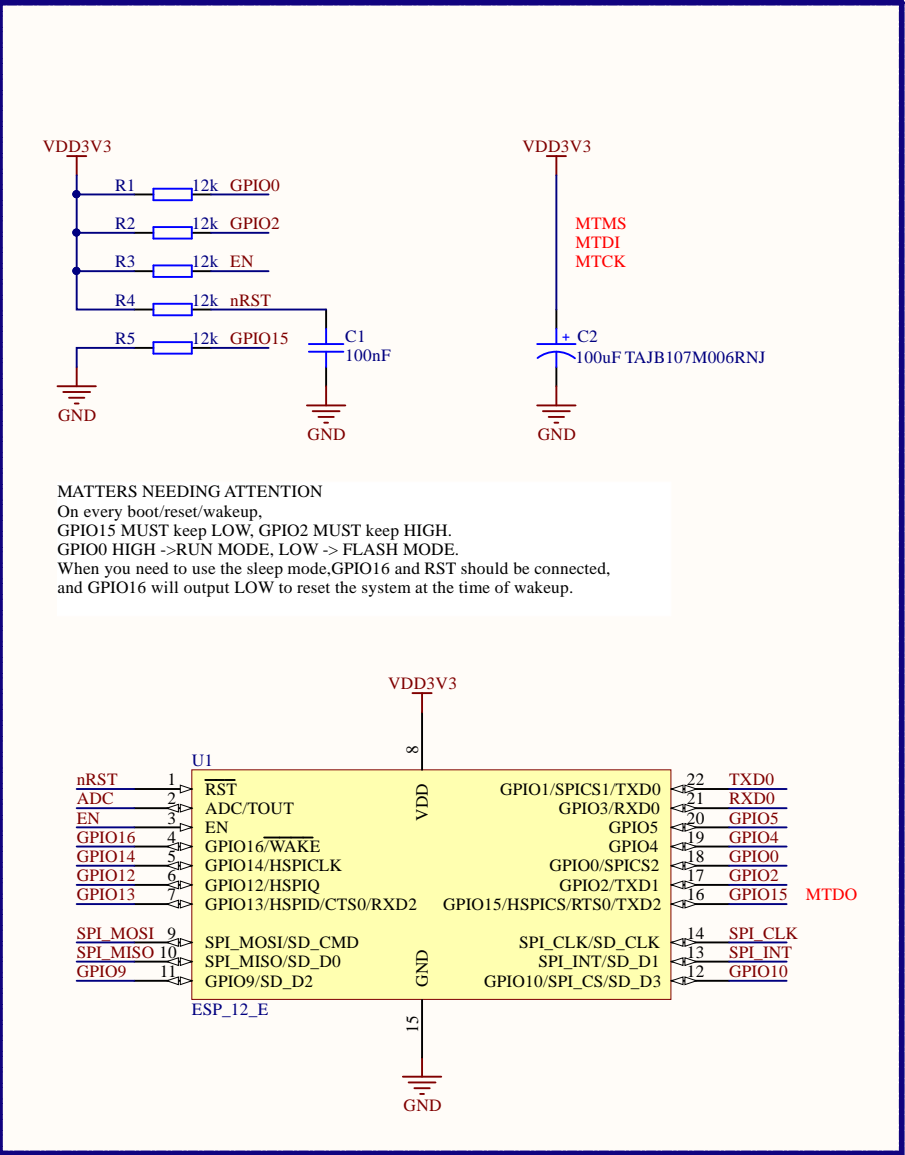


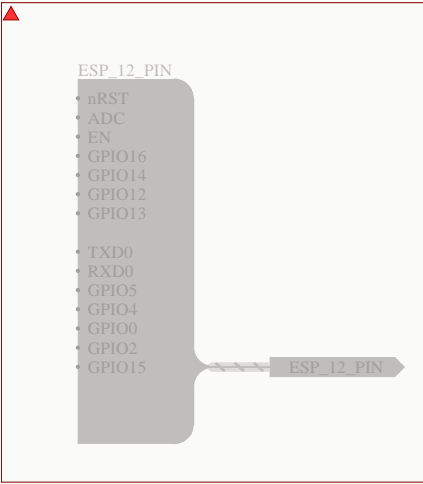
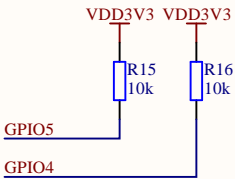
# NODE MCU DEVKIT V1.0

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	ORGANIZATION	
	NODE MCU TEAM	
	WEBSITE	
	WWW.NODEMCU.COM	

# ESP-12 CORE

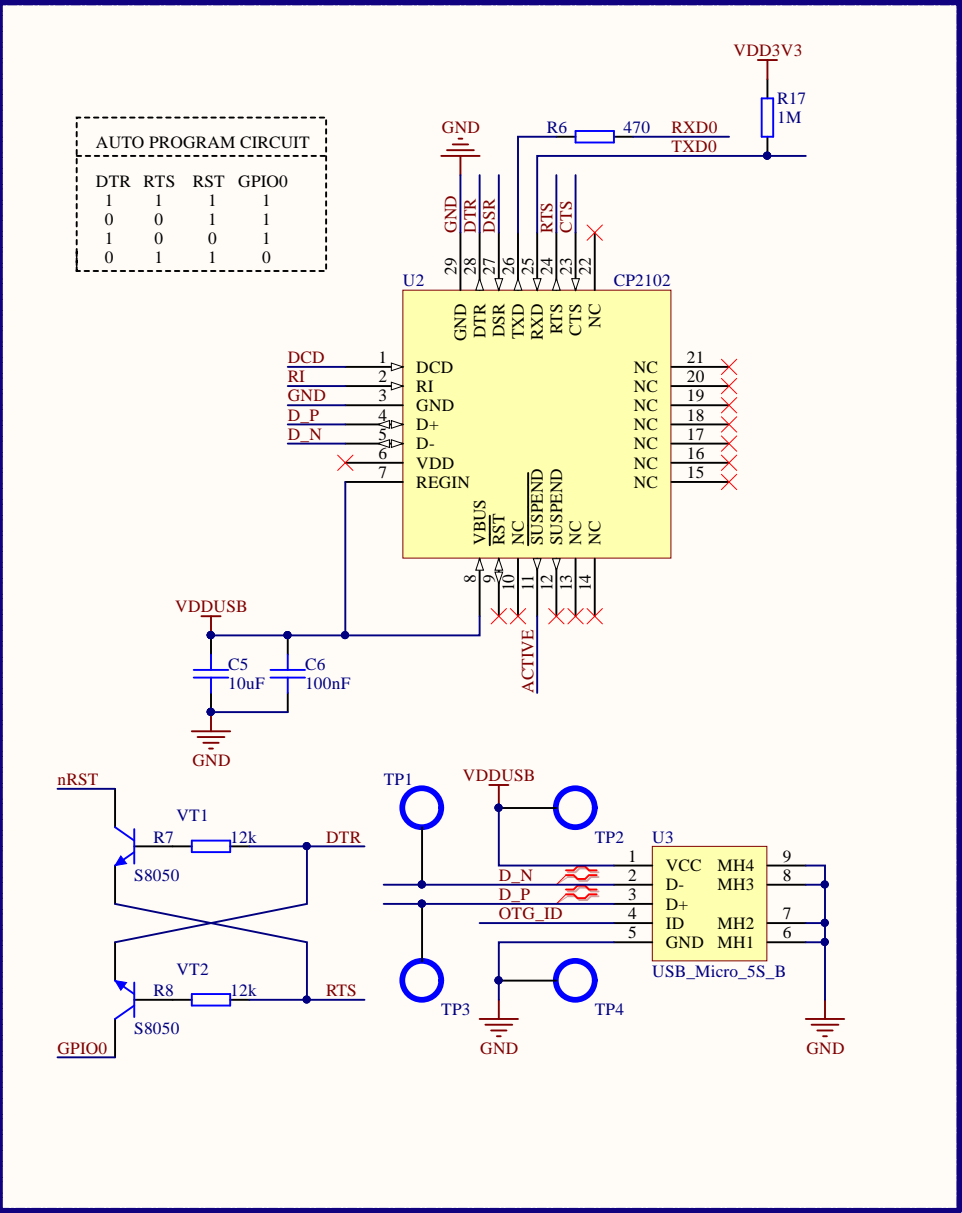


## I2C pull-up



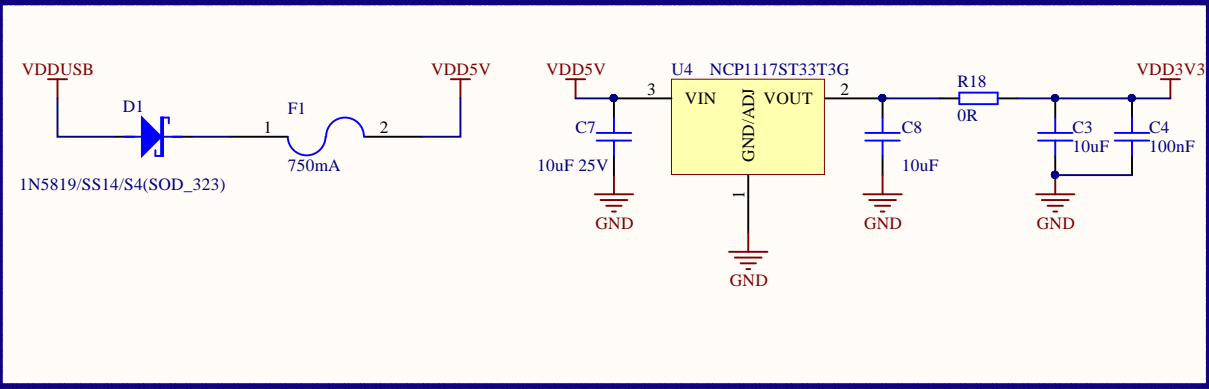
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# USB TO UART



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	0.9	20/11/2014
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	WEBSITE	
	WWW.NODEMCU.COM	

# 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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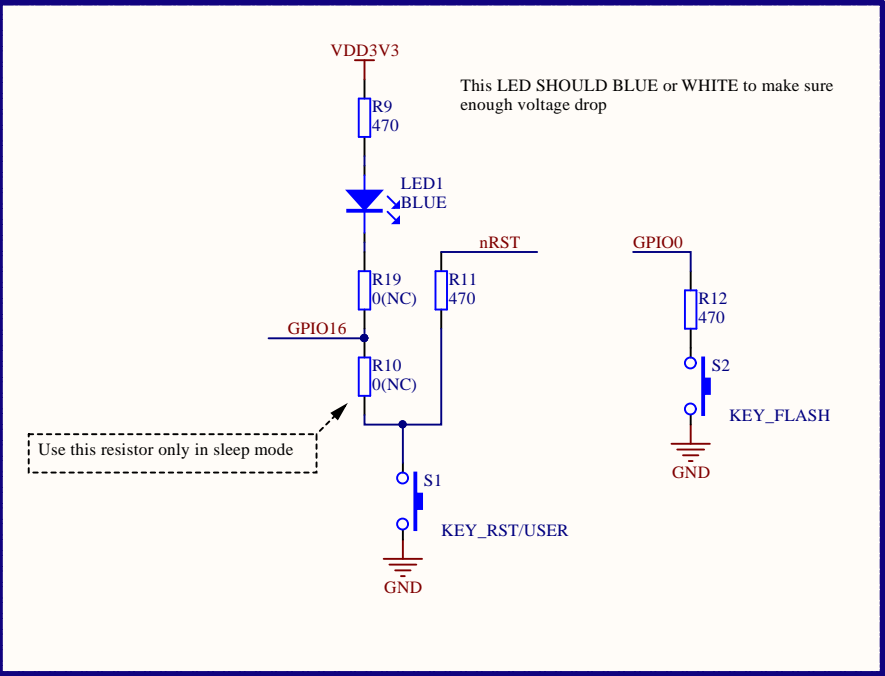
IO CONN

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	PIN4	4	D3 GPIO0
SD_D2	GPIO9	D11	PIN5	5	D4 GPIO2 TXD1
SD_D1	SPI_INT	6	PIN6	6	VDD3V3
SD_CMD	SPI_MOSI	7	PIN7	7	GND
SD_D0	SPI_MISO	8	PIN8	8	D5 GPIO14 HSPICLK
SD_CLK	SPI_CLK	9	PIN9	9	D6 GPIO12 HSPIO
GND		10	PIN10	10	D7 GPIO13 RXD2 HSPID
VDD3V3		11	PIN11	11	D8 GPIO15 TXD2 HSPICS
EN		12	PIN12	12	D9 RXD0 GPIO3
nRST		13	PIN13	13	D10 TXD0 GPIO1
GND		14	PIN14	14	GND
VDD5V		15	PIN15	15	VDD3V3

THT\_Male\_P\_1x15THT\_Male\_P\_1x15

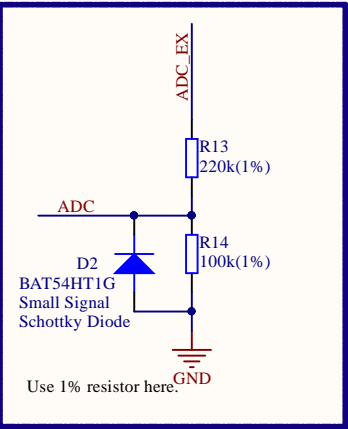
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	NODE MCU TEAM	
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KEY

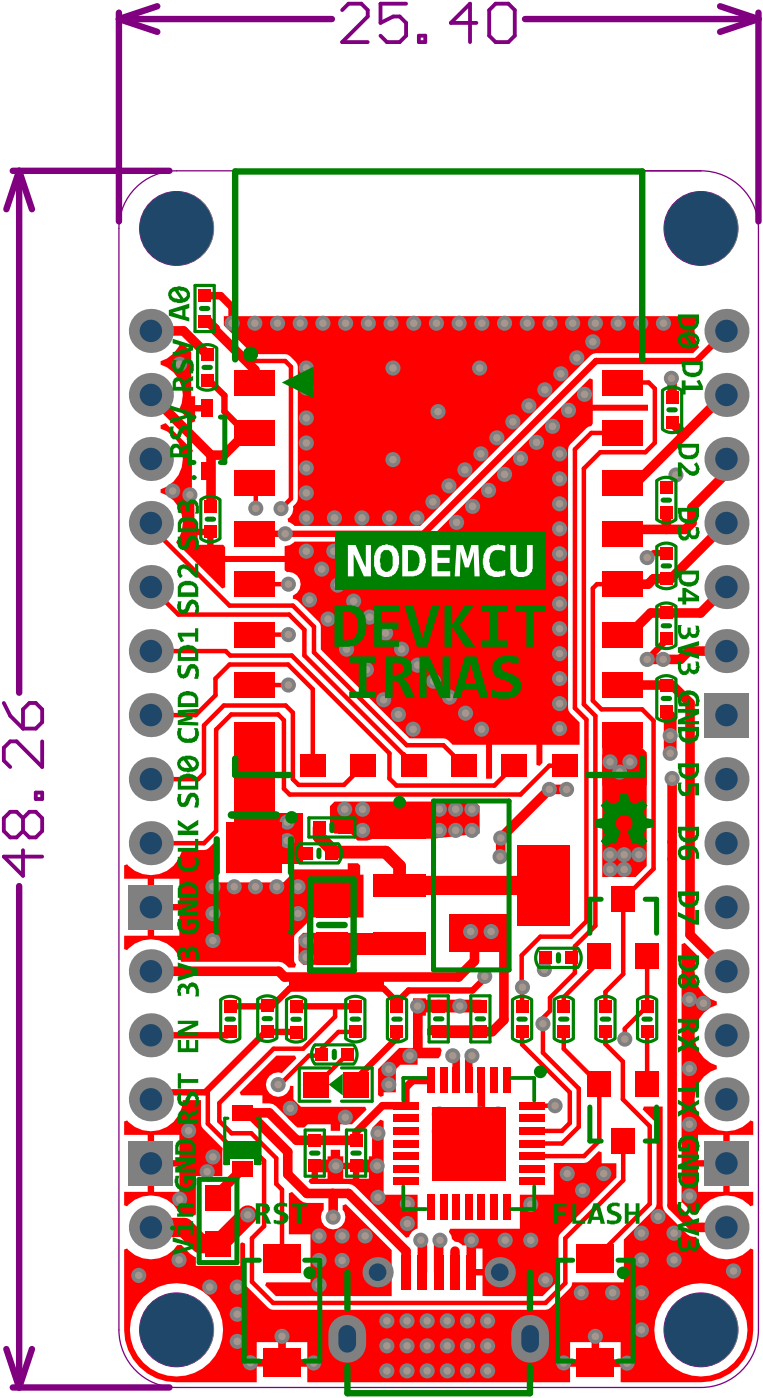


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# ADC



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	0.9	20/11/2014
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NODEMCU  
DEVKIT  
V1

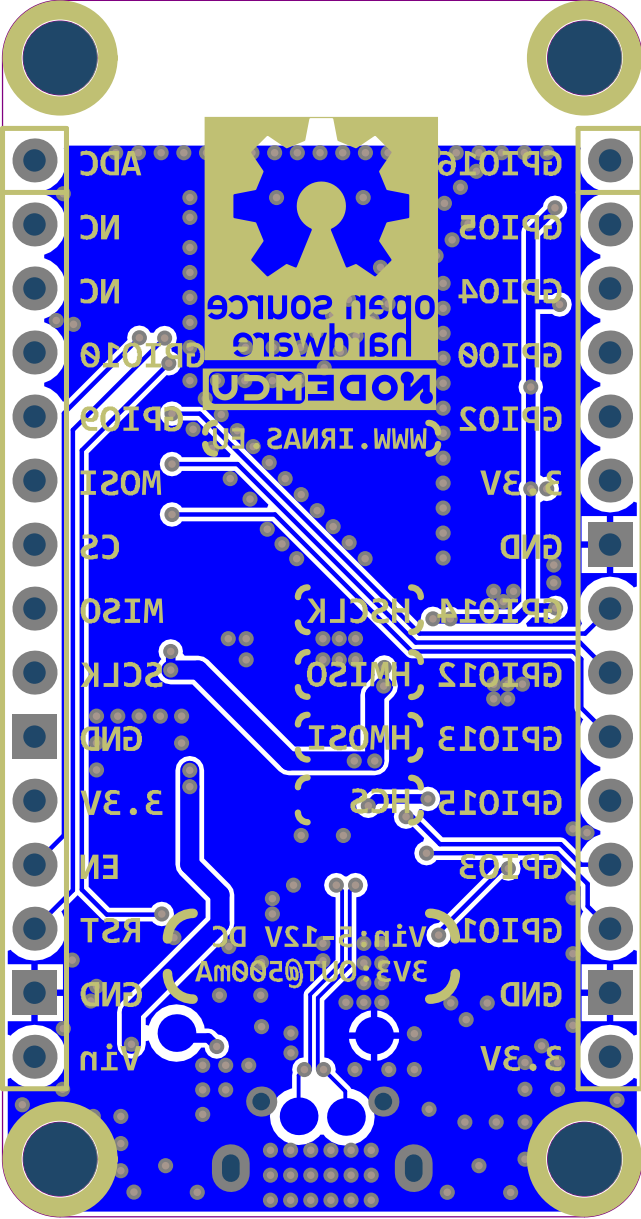
VDD GND RST EN 3V3 CLK SD0 CMD SD1 SD2 SD3 PSY RSV A0

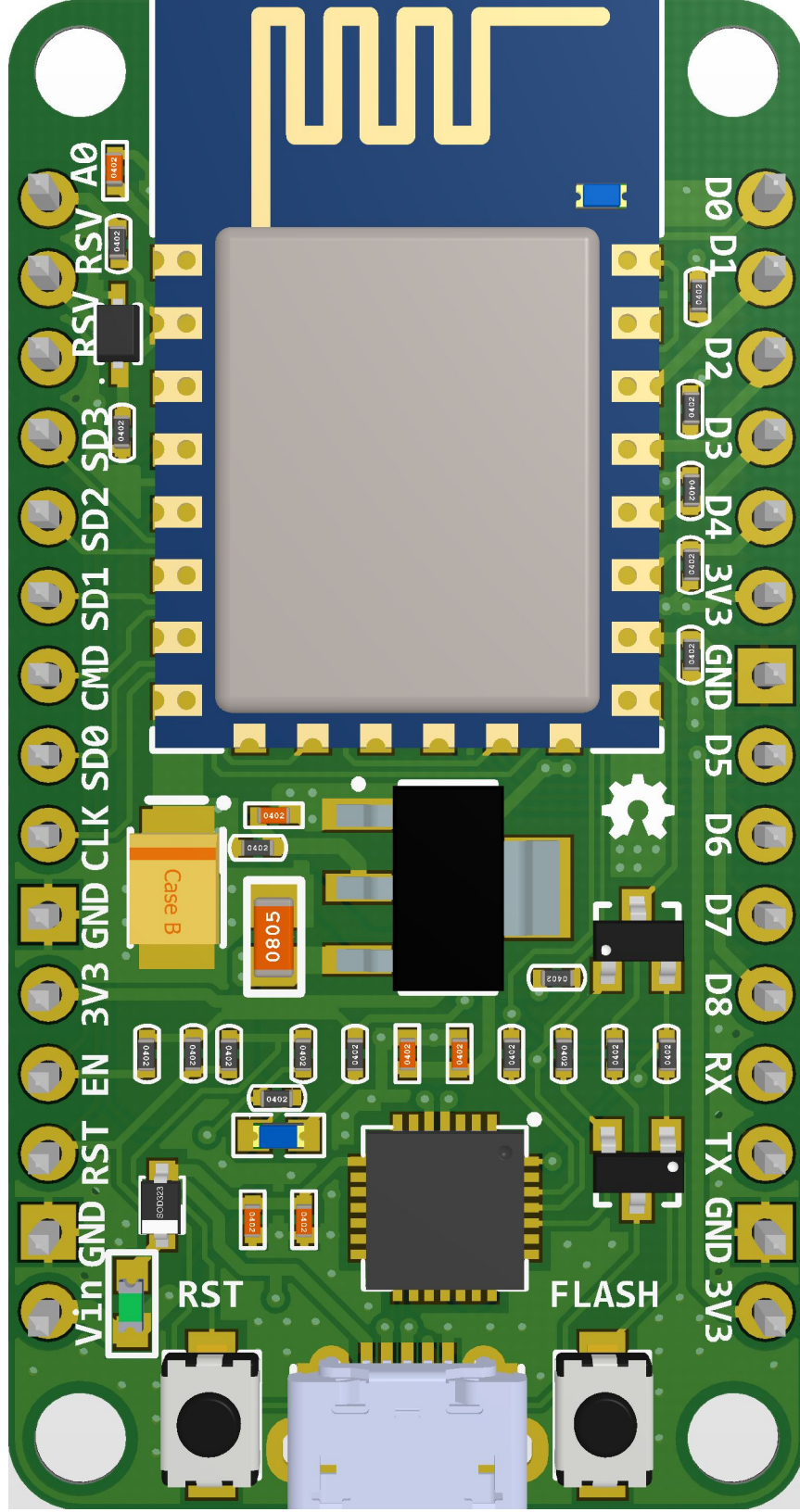
RST

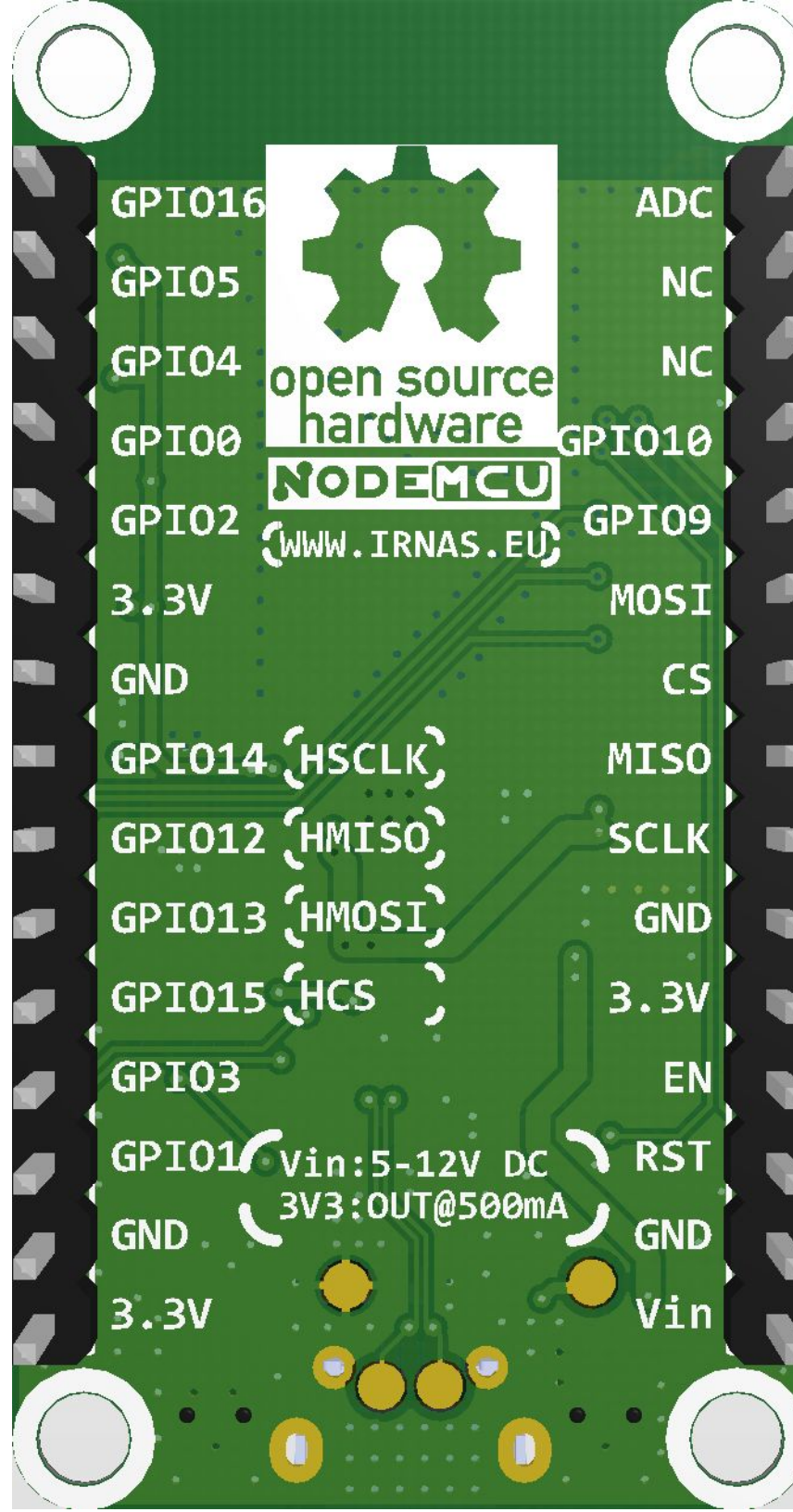
FLASH

D0 D1 D2 D3 D4 D5 D6 D7 D8 RX TX GND 3V3









GPIO16

GPIO05

GPIO04

GPIO00

GPIO02

3.3V

GND

GPIO14 (HSCLK)

GPIO12 (HMISO)

GPIO13 (HMOSI)

GPIO15 (HCS)

GPIO03

GPIO01 (Vin:5-12V DC

GND

3.3V



open source  
hardware

NODEMCU

WWW.IRNAS.EU

ADC

NC

NC

GPIO010

GPIO09

MOSI

CS

MISO

SCLK

GND

3.3V

EN

RST

GND

Vin