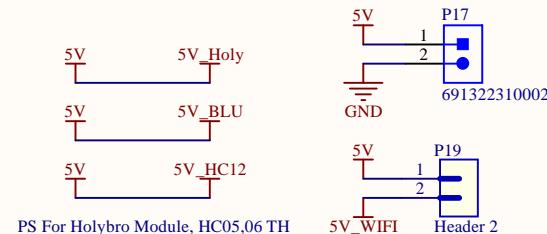
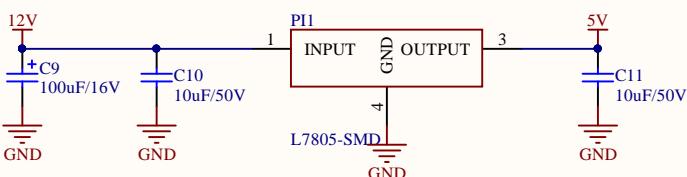
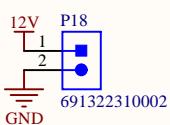
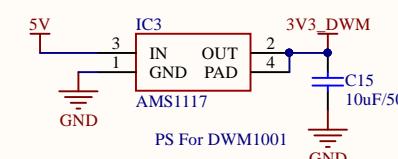
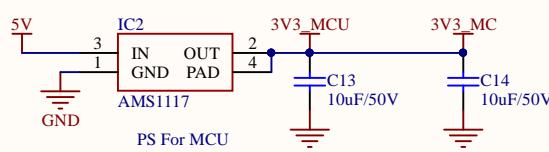
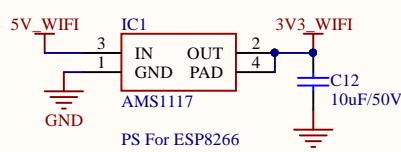


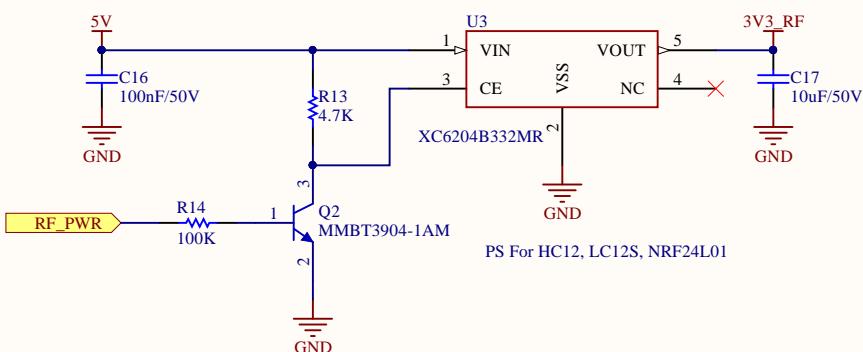
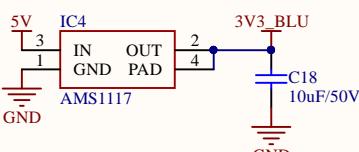
A



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C



D

### Input

12V

### Output

5V  
5V\_Holy  
5V\_BLU  
5V\_HC12

3V3\_MCU  
3V3\_MC  
3V3\_WIFI  
3V3\_BLU  
3V3\_RF  
3V3\_DWM

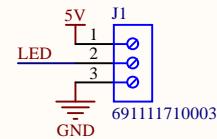
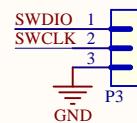
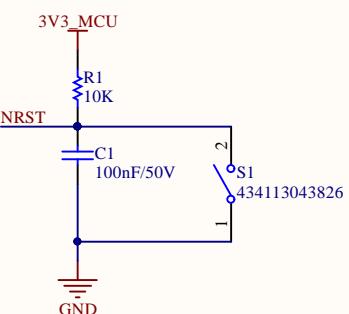
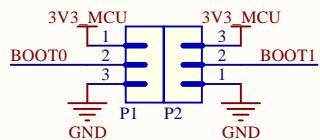
### Note

LC12S: 3V3	HC05-06 TH: 3V3 - 5V
HC-12: 3V3 - 5V	HC05-06 SMD: 3V3
NRF24L01: 3V3	ESP8266: 3V3
Holybro: 5V	

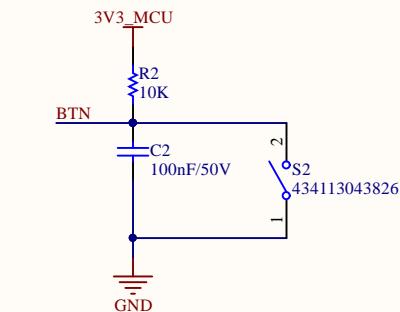
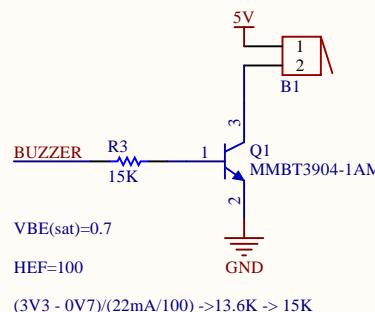
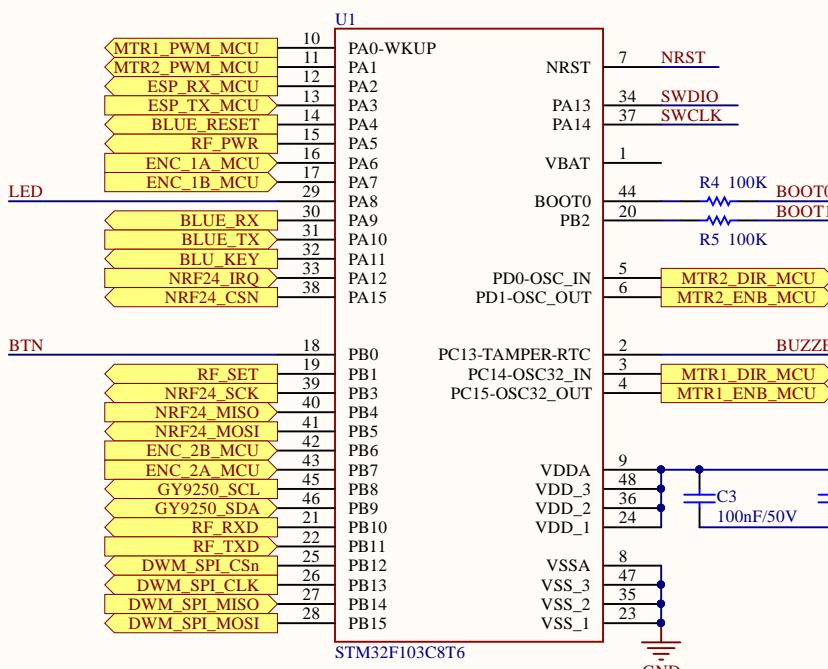
Project PIFWRobot		PIF Club
Revision 1.0.0	Sheet 1 of 8	304B1, HCMUT,
Date 8/18/2020		Ly Thuong Kiet St.,
Author Van Tuan Ngo		District 10, HCM, VN
File power_supply.SchDoc		



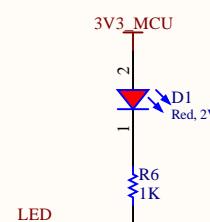
A



B



C



D

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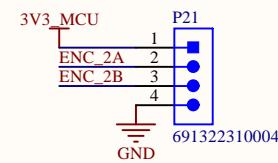
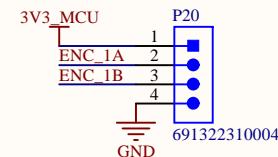
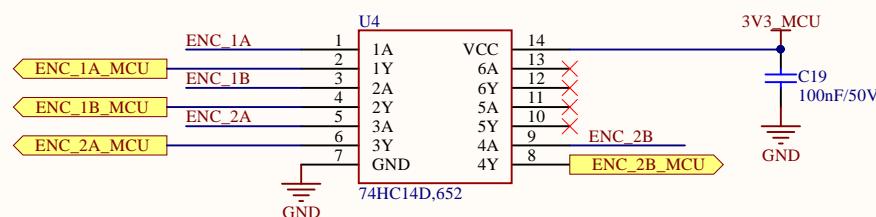
Time 12:43:16 PM

Author Van Tuan Ngo

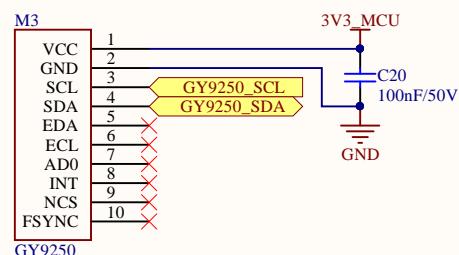
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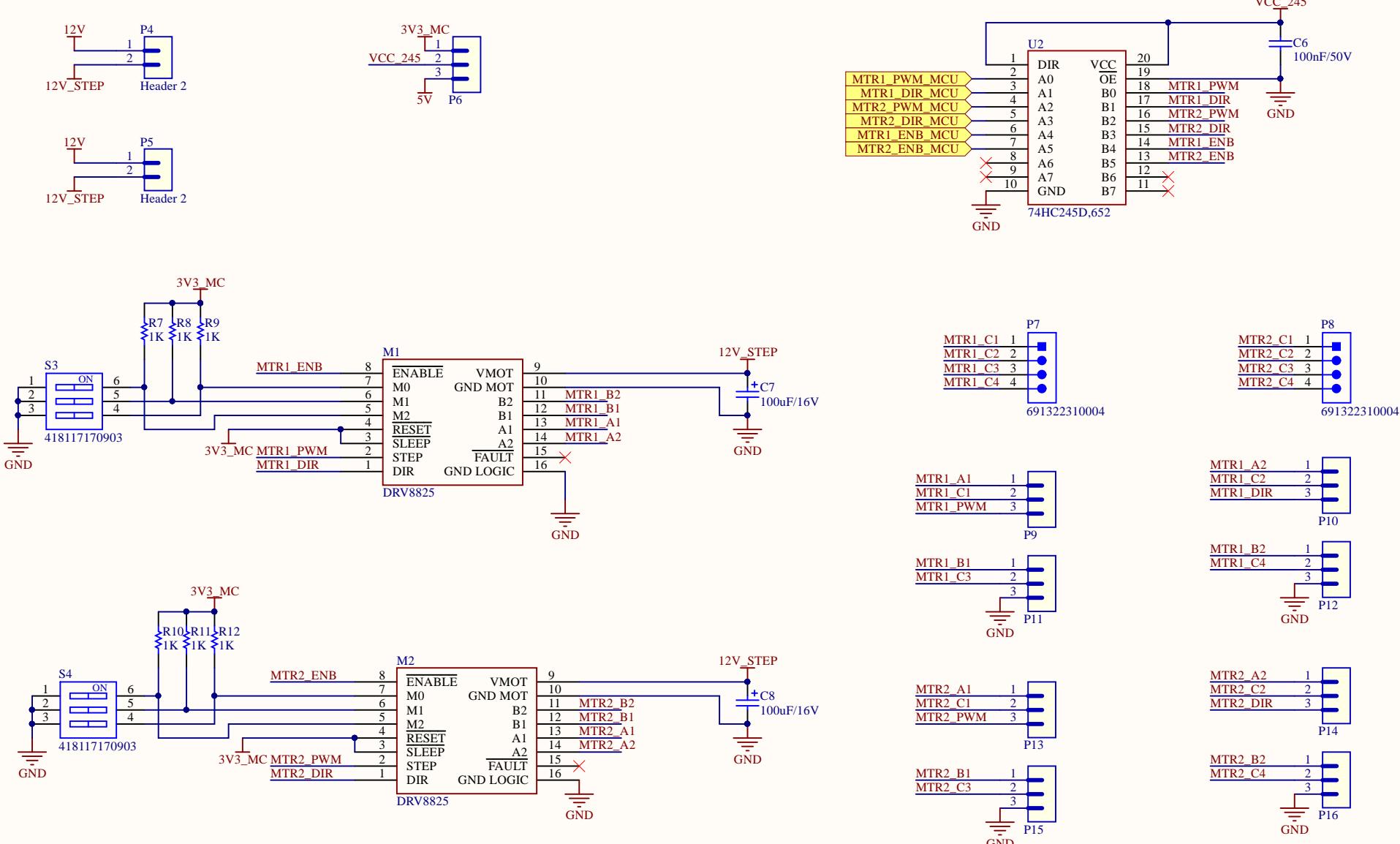
B



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Date	8/18/2020	Time 12:43:17 PM
Author	Van Tuan Ngo	Ly Thuong Kiet St., District 10, HCM, VN
File	sensor.SchDoc	



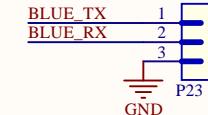
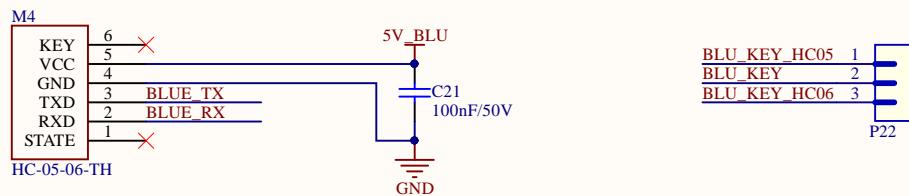


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Author	Van Tuan Ngo
File	motor_controller.SchDoc

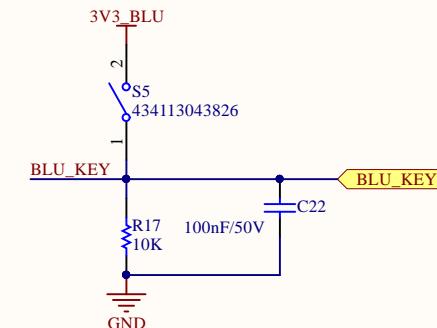
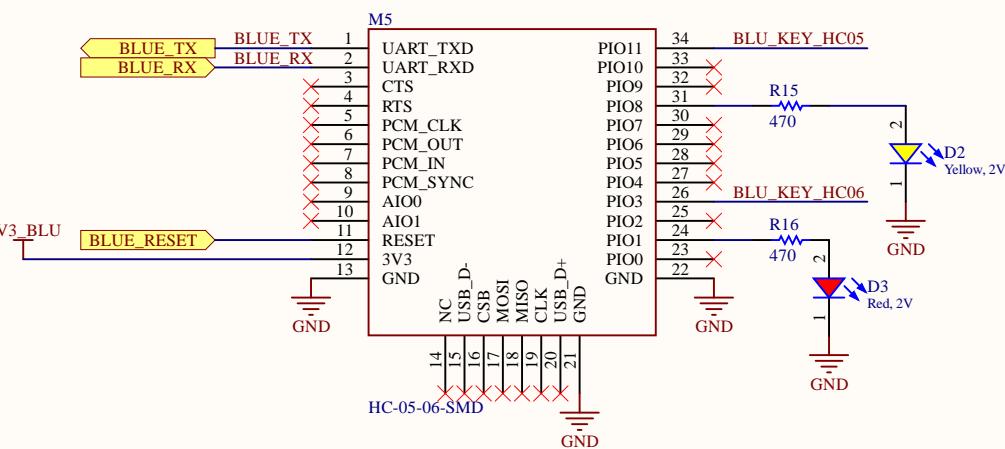
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Project **PIFWRobot**

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Author Van Tuan Ngo

File bluetooth.SchDoc

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Ly Thuong Kiet St.,  
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#### MATTERS NEEDING ATTENTION

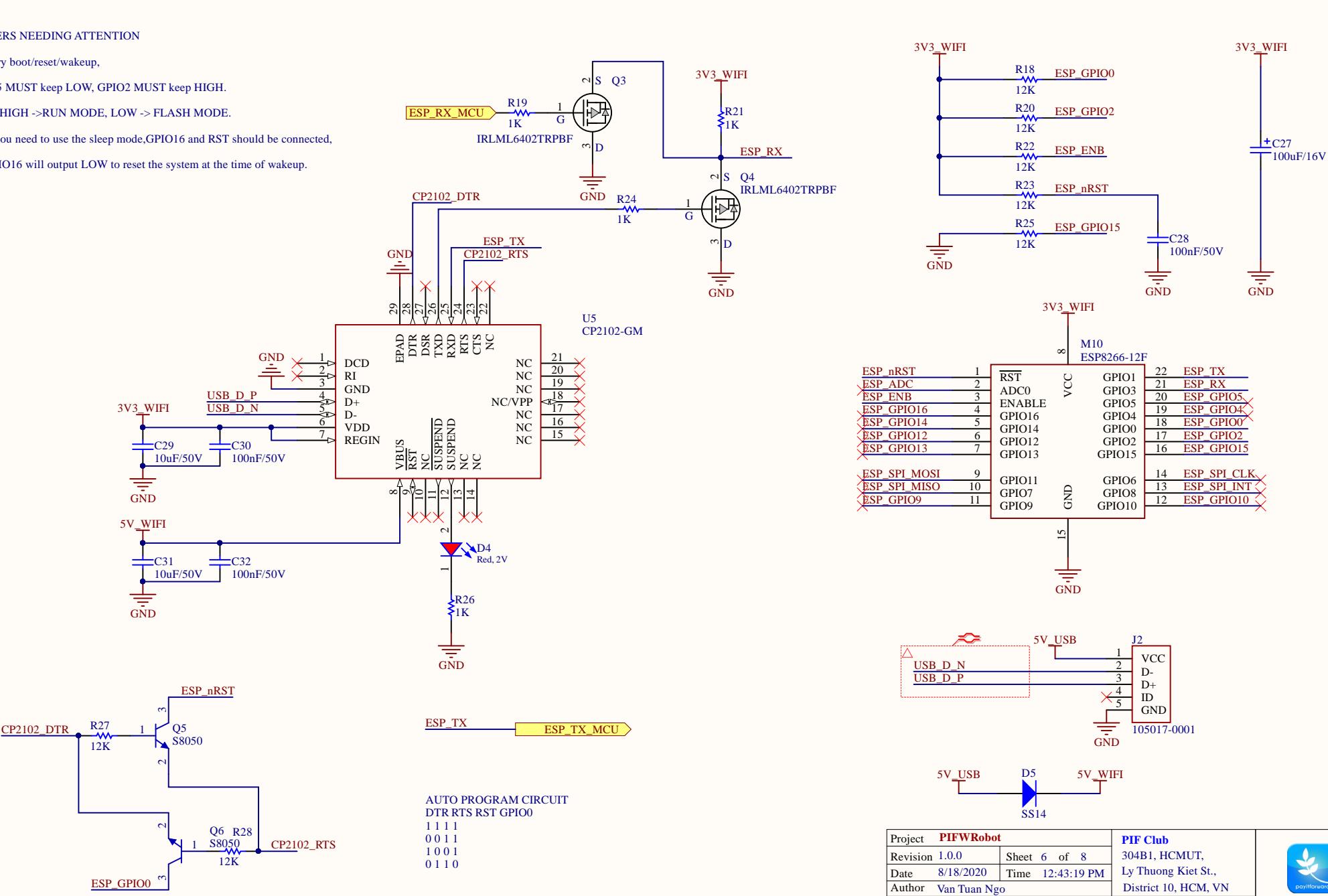
On every boot/reset/wakeup,

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.

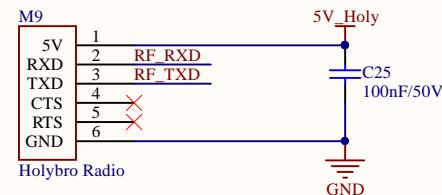
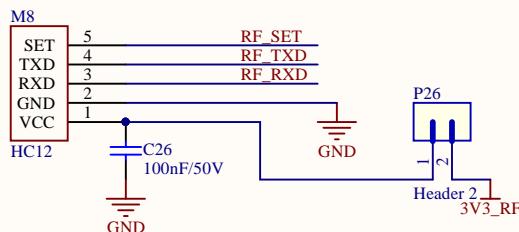
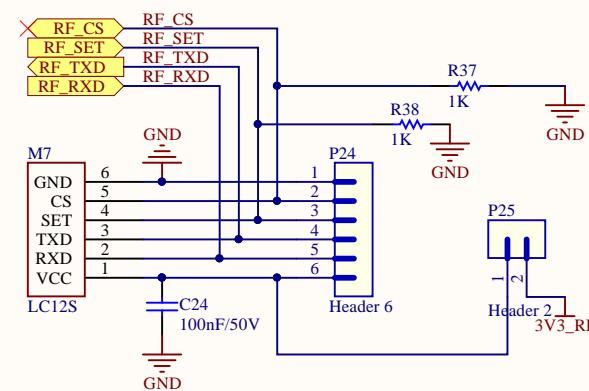
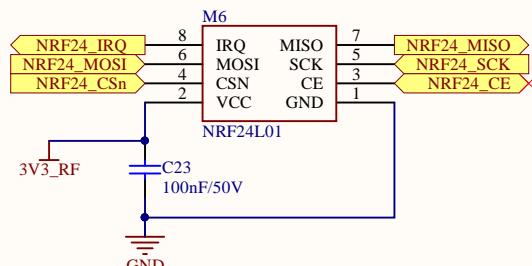


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Author	Van Tuan Ngo
File	wifi.SchDoc

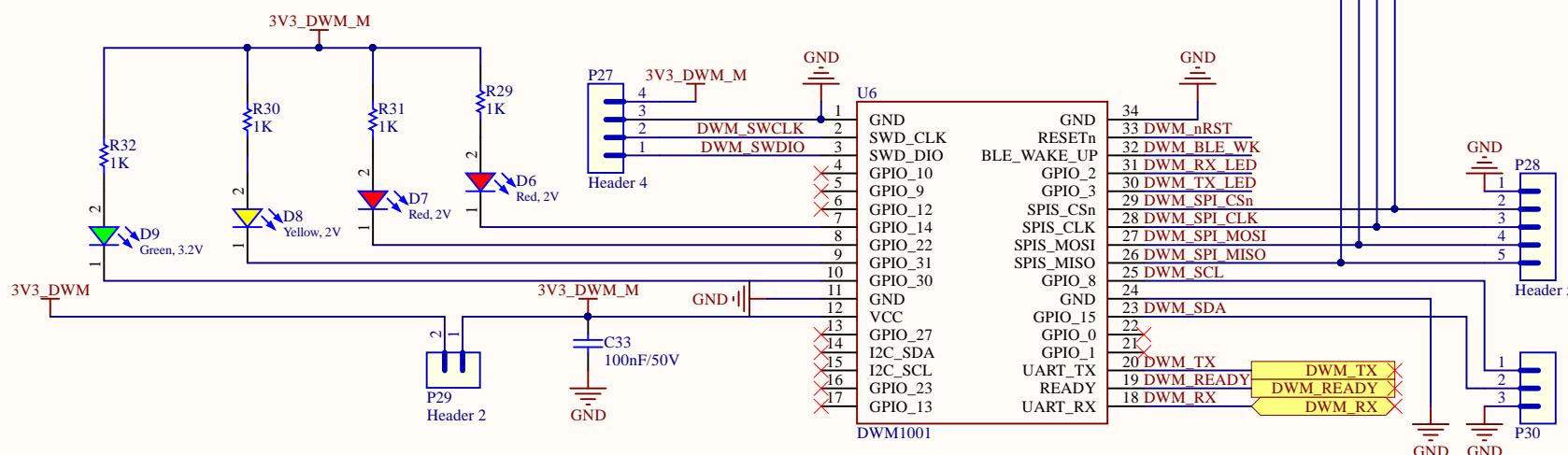
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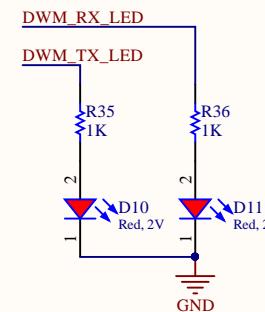
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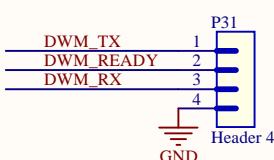
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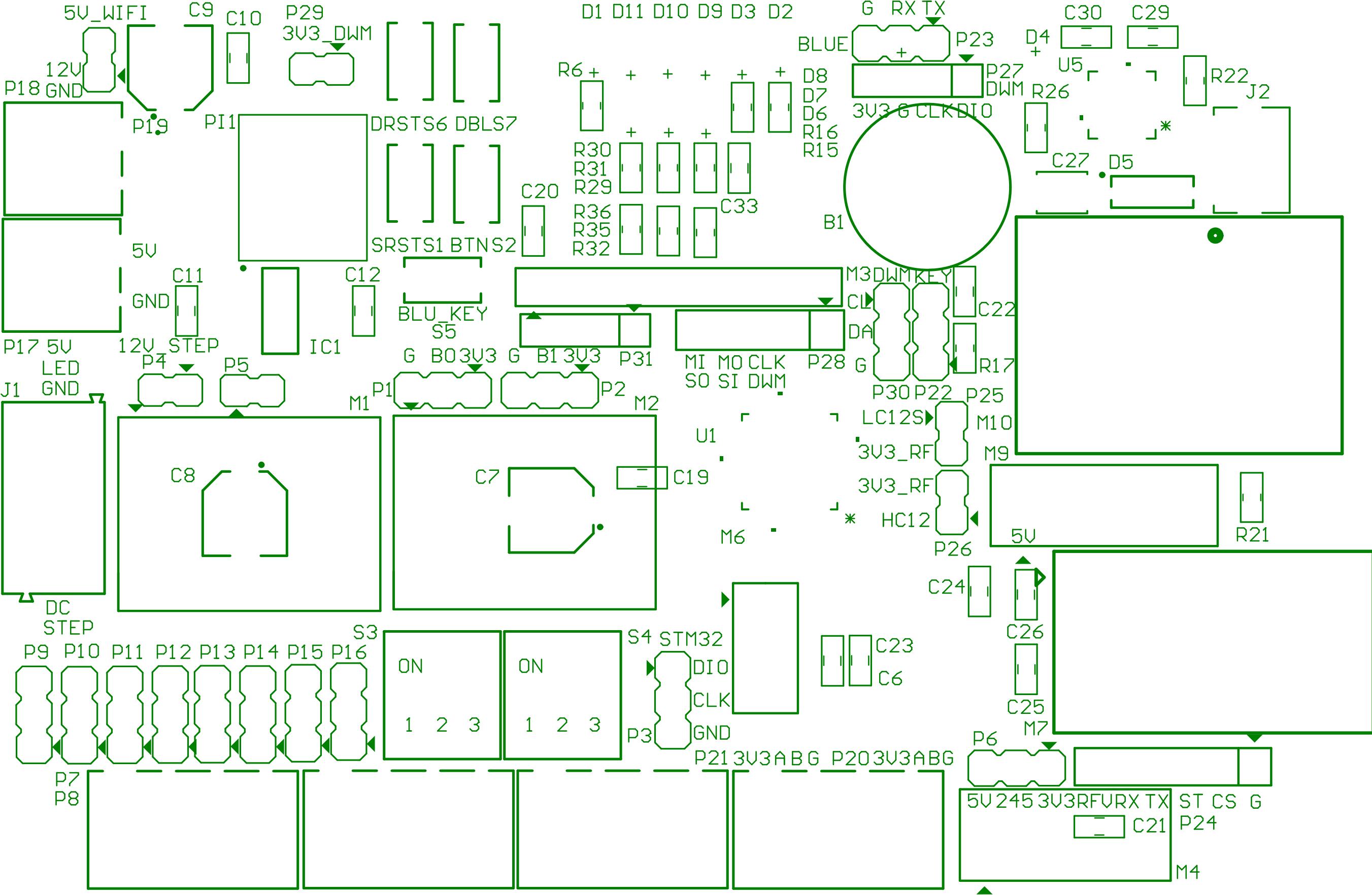
D



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Author	Van Tuan Ngo
File	decawave.SchDoc

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baudotoma

