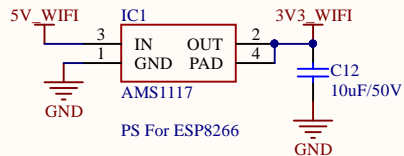
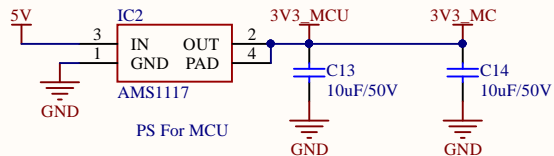


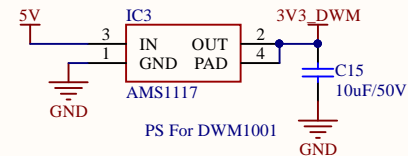
PS For Holybro Module, HC05,06 TH



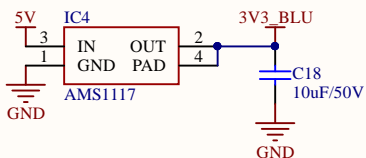
PS For ESP8266



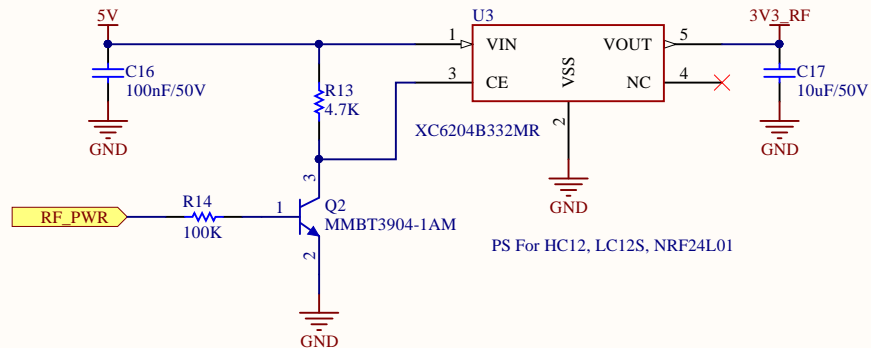
PS For MCU



PS For DWM1001



PS For HC05, HC06, SMD



PS For HC12, LC12S, NRF24L01

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

HC-12: 3V3 - 5V

NRF24L01: 3V3

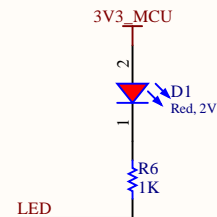
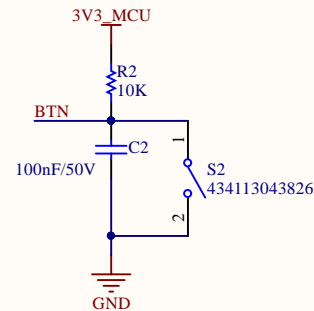
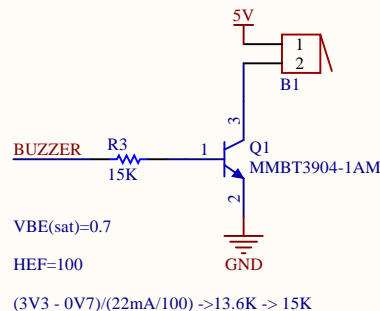
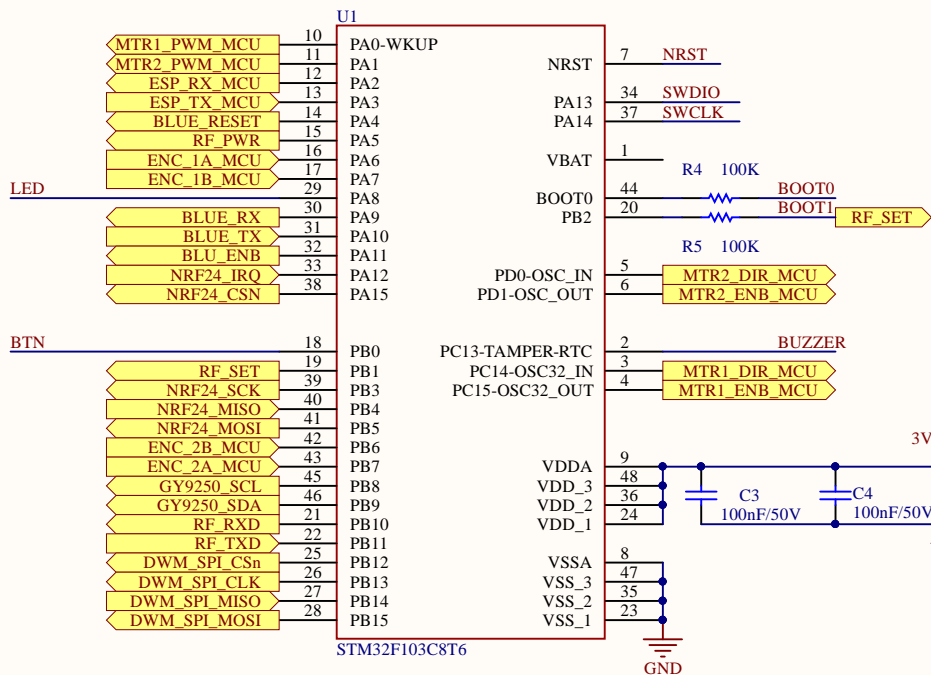
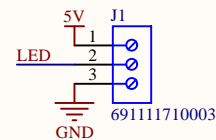
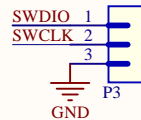
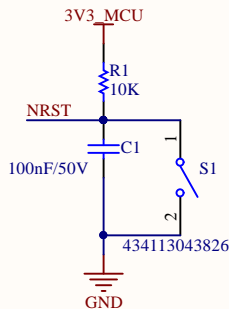
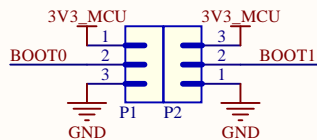
Holybro: 5V

HC05-06 TH: 3V3 - 5V

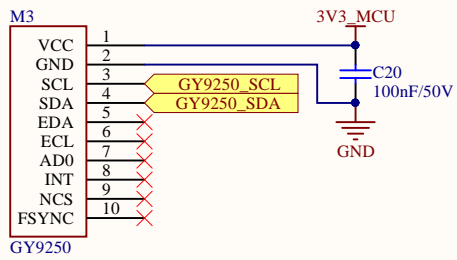
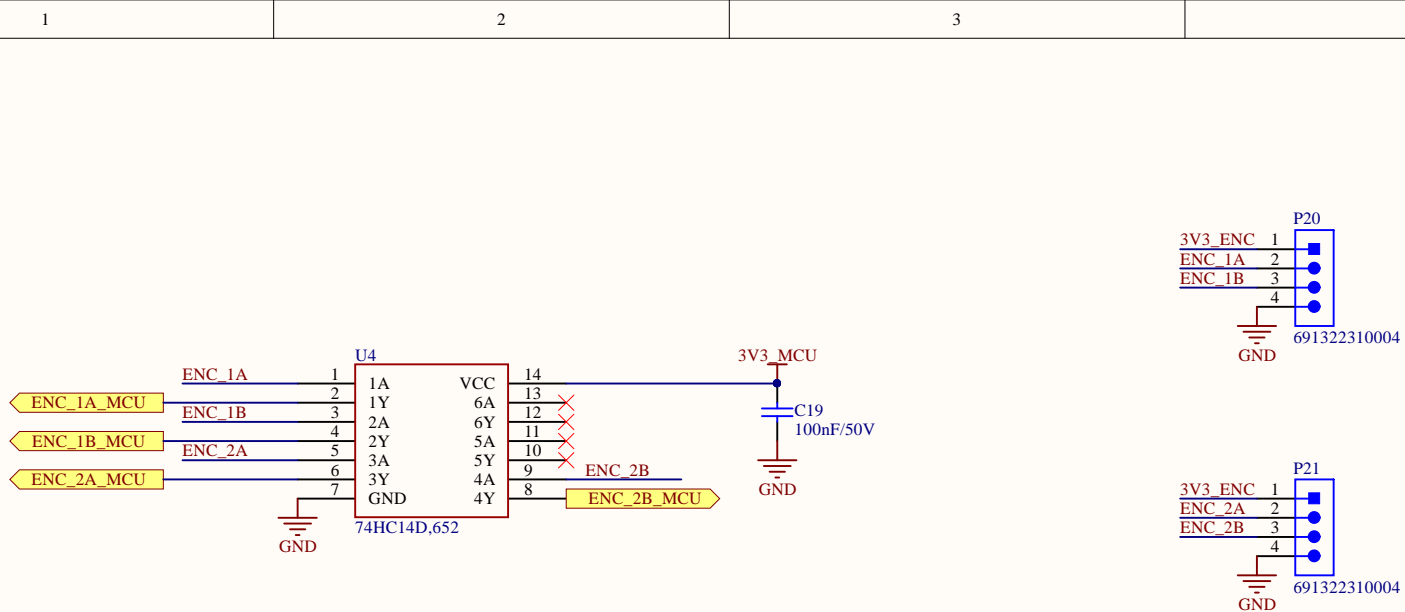
HC05-06 SMD: 3V3

ESP8266: 3V3

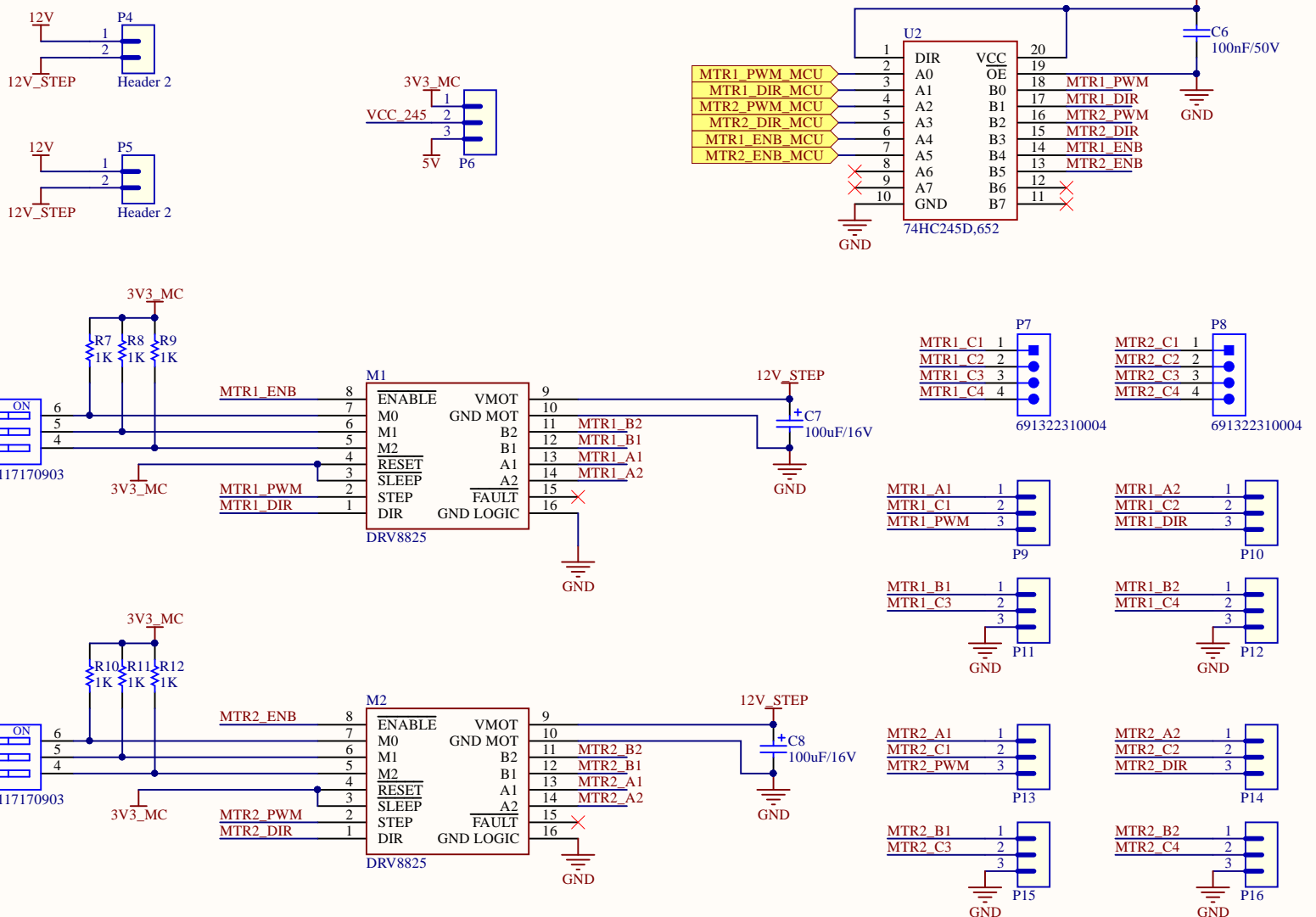
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Size	Number	Revision
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Date:	6/21/2020	Sheet of
File:	E:\Projects\...\power_supply.SchDoc	Drawn By:



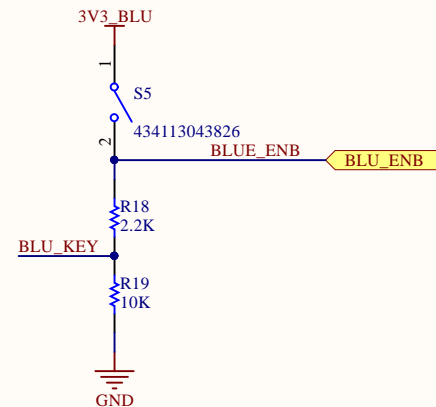
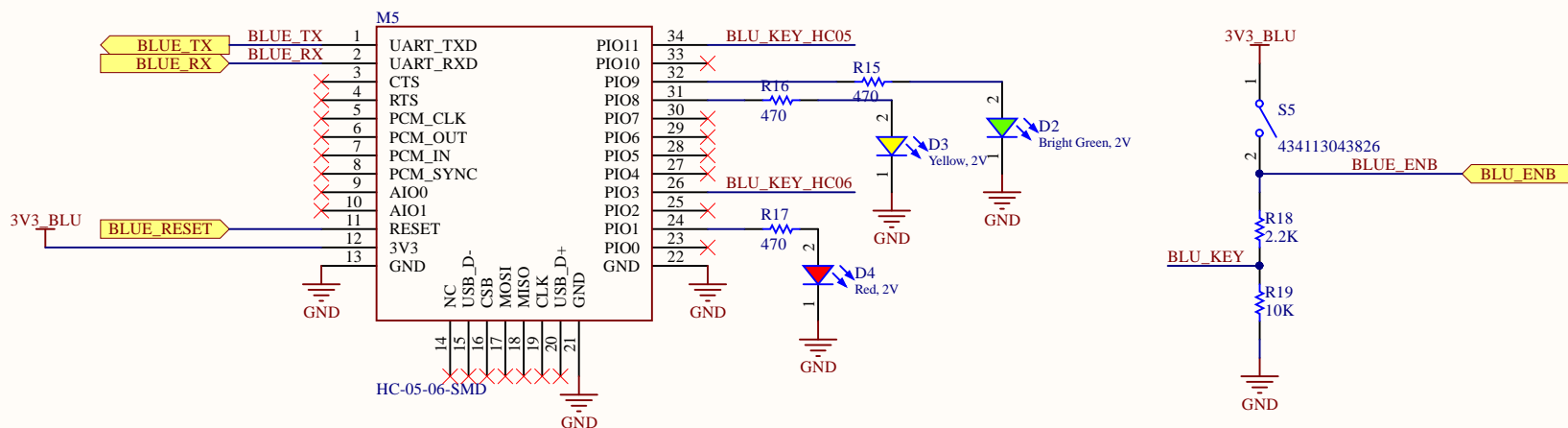
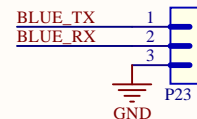
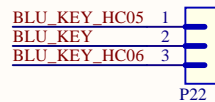
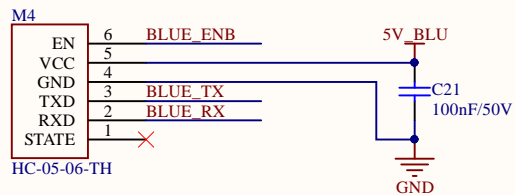
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Title		
Size	Number	Revision
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Title			
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Date:	6/21/2020	Sheet	of
File:	E:\Projects\...\bluetooth.SchDoc	Drawn By:	

MATTERS NEEDING ATTENTION

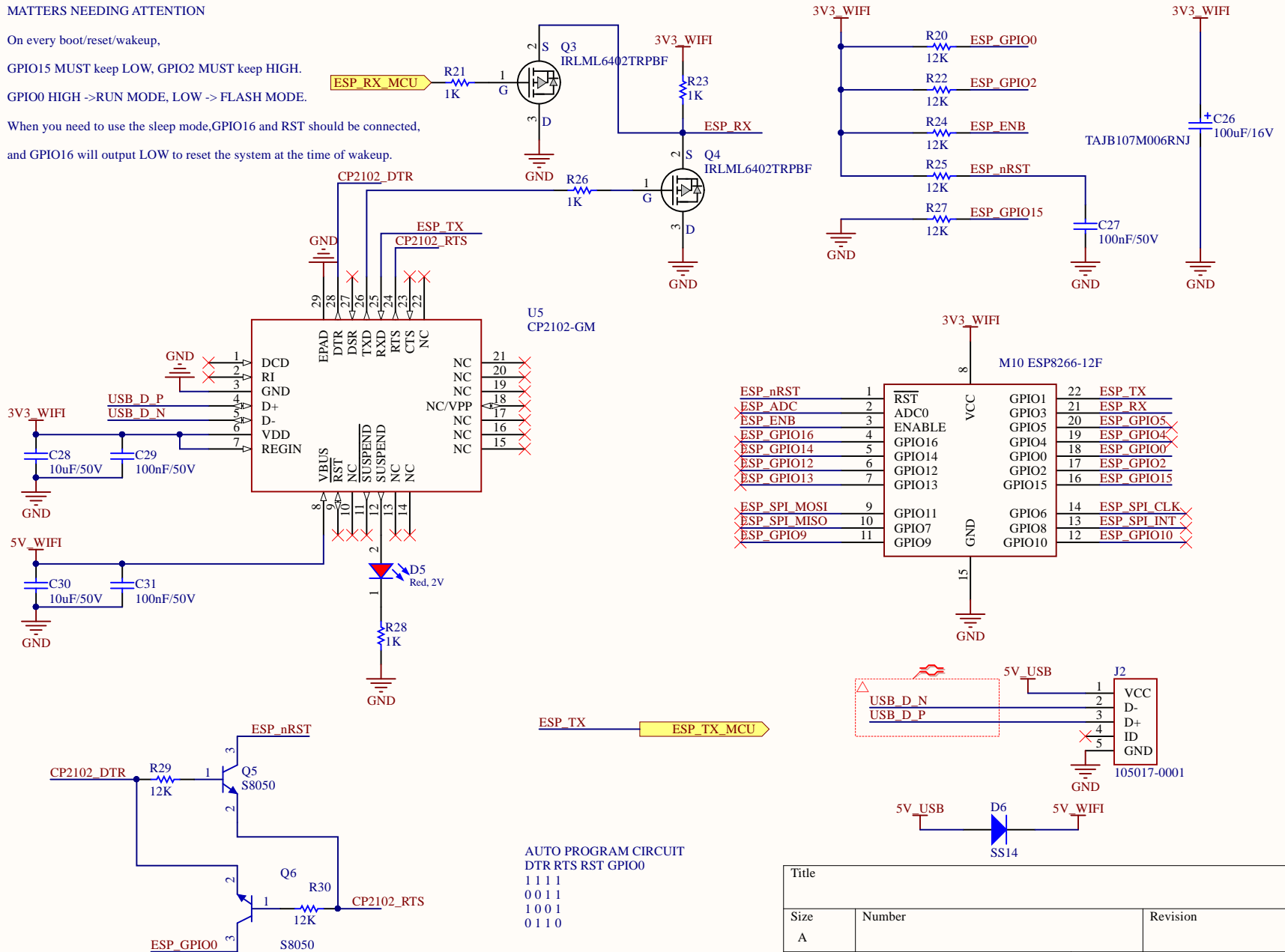
On every boot/reset/wakeup,

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,

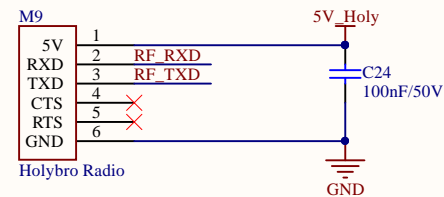
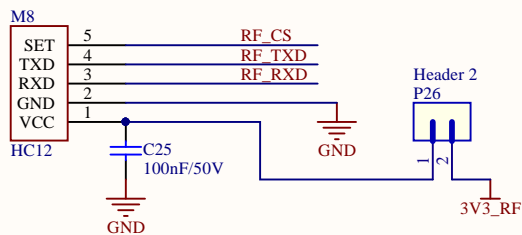
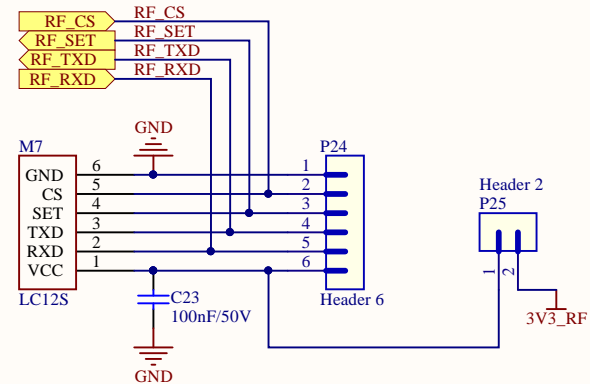
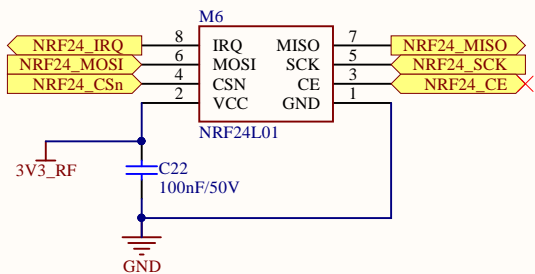
and GPIO16 will output LOW to reset the system at the time of wakeup.



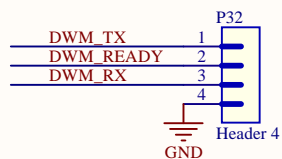
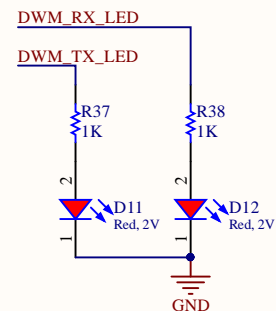
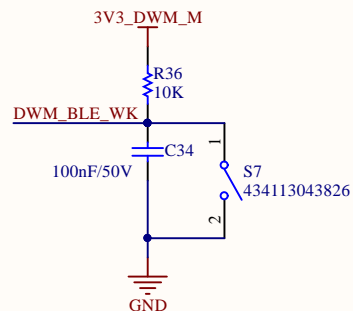
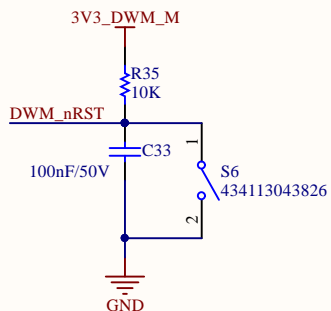
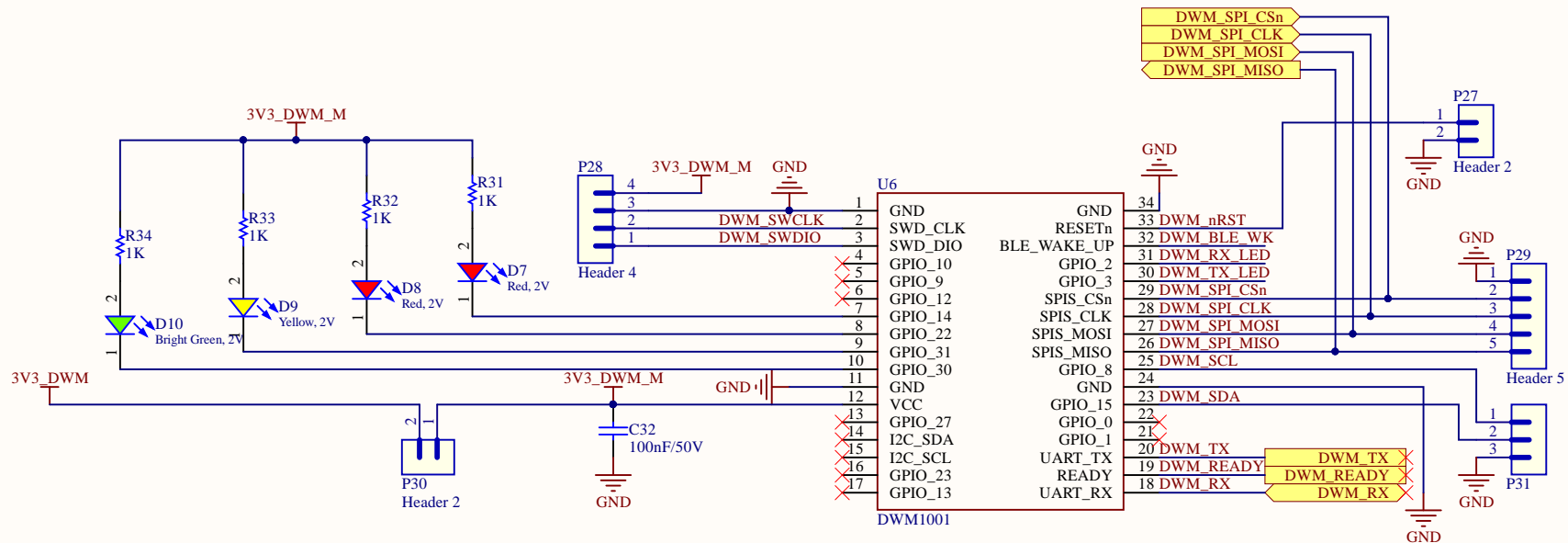
ESP_TX ESP_TX_MCU

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

Title		
Size	Number	Revision
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Date:	6/21/2020	Sheet of
File:	E:\Projects\...\wifi.SchDoc	Drawn By:



Title		
Size A	Number	Revision
Date:	6/21/2020	Sheet of
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Title			
Size A	Number		Revision
Date:	6/21/2020	Sheet	of
File:	E:\Projects\...\decawave.SchDoc	Drawn By:	

