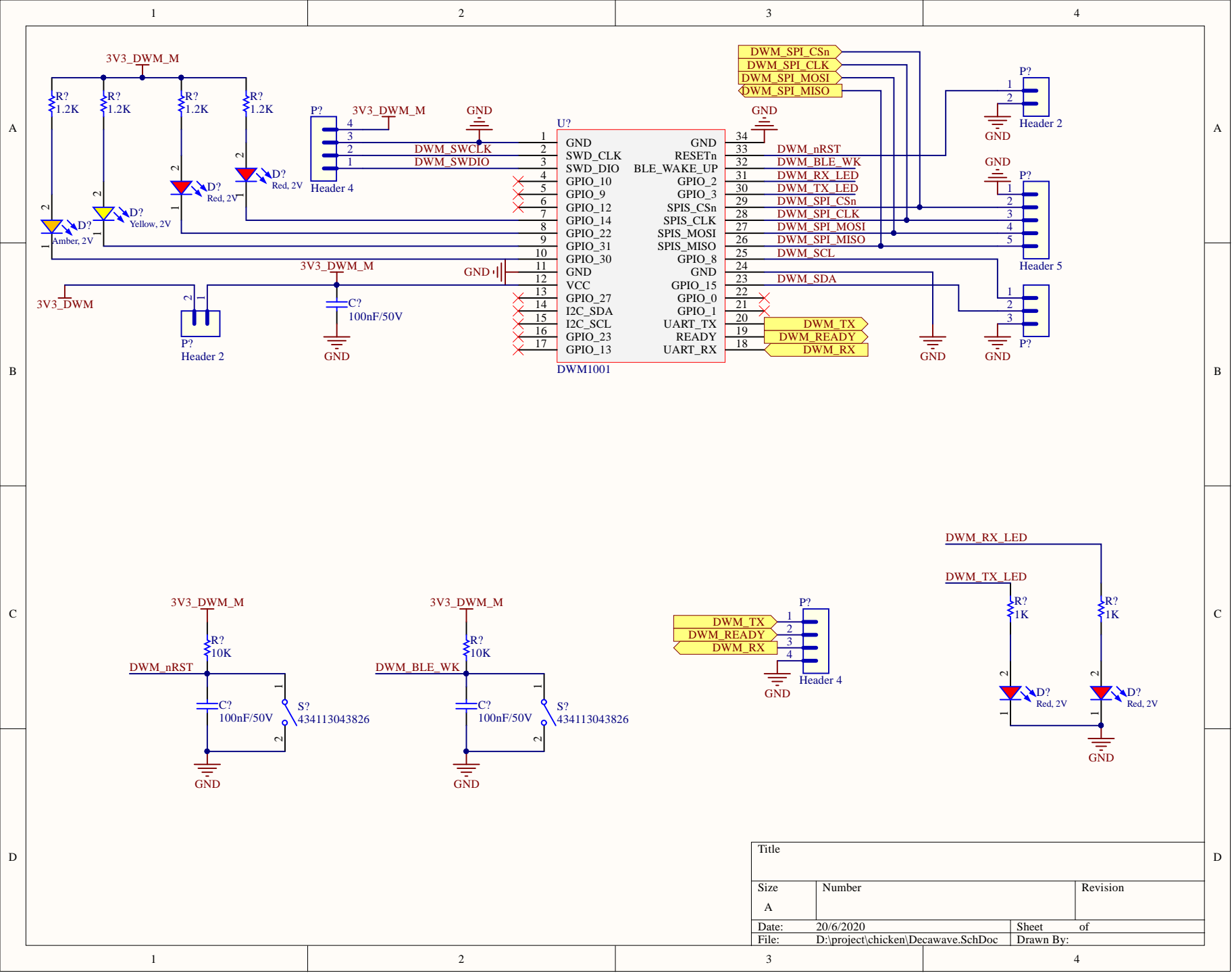
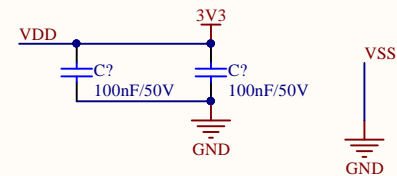
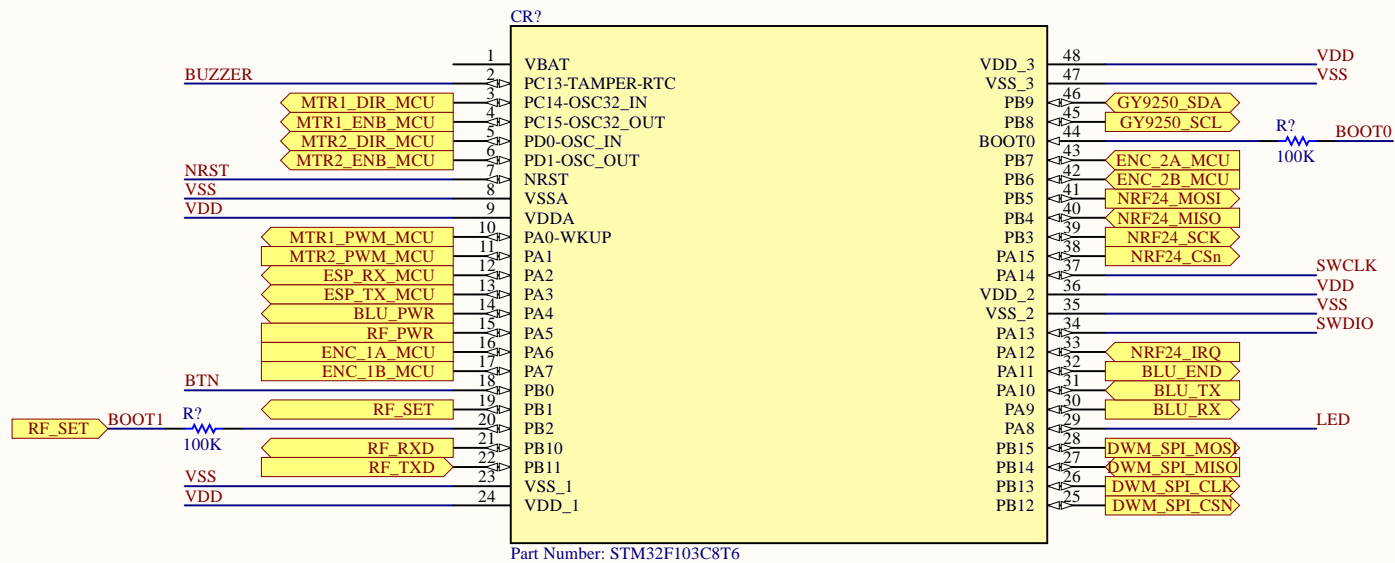
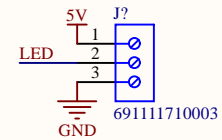


Title		
Size	Number	Revision
A		
Date:	20/6/2020	Sheet of
File:	D:\project\chicken\Bluetooth.SchDoc	Drawn By:

	1	2	3	4
A				
B				
C				
D				
	1	2	3	4

Title			
Size A	Number		Revision
Date:	20/6/2020		Sheet of
File:	D:\project\chicken\chicken.SchDoc		Drawn By:

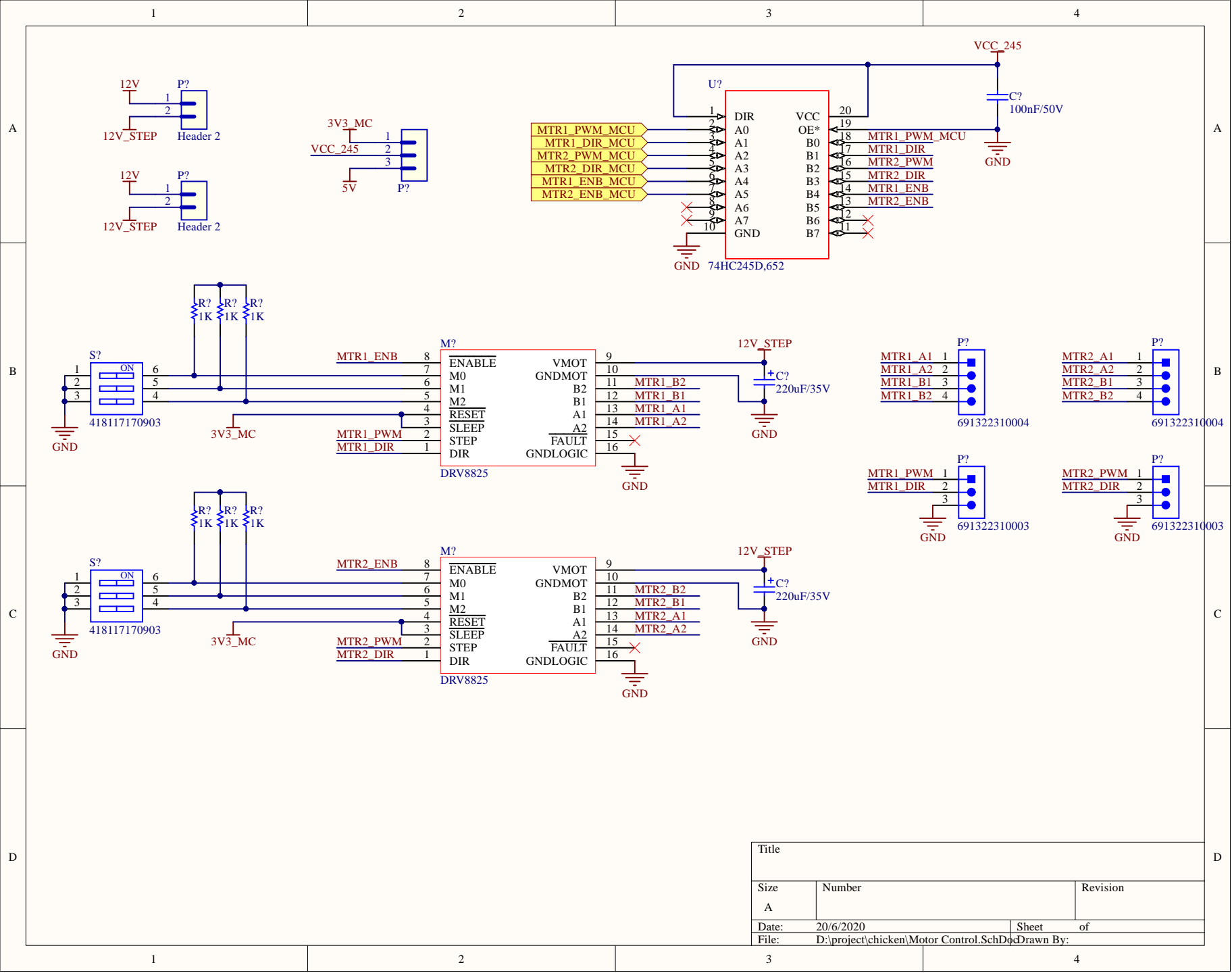


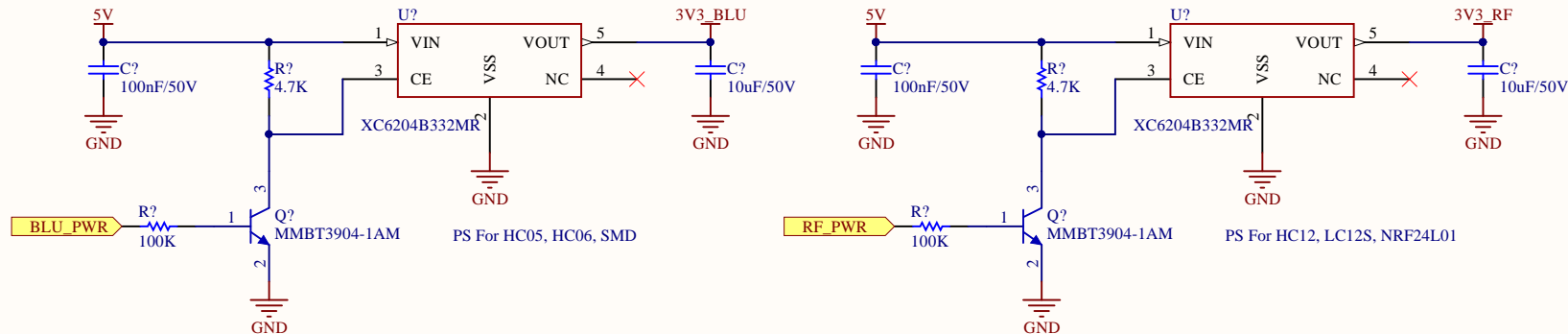
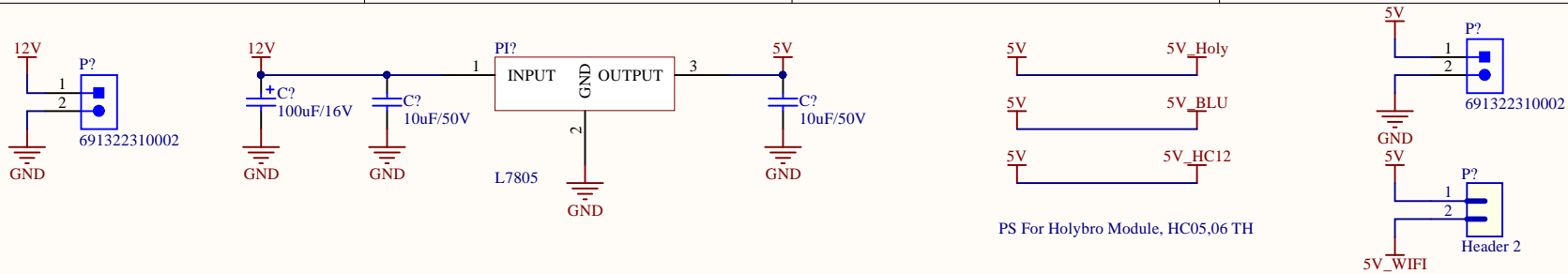

$$V_{BE(sat)} = 0.7$$

HEF = 100

$$(3V3 - 0V7)/(22mA/100) \rightarrow 13.6K \rightarrow 15K$$

Title		
Size A	Number	Revision
Date:	20/6/2020	Sheet of
File:	D:\project\chicken\MCU.SchDoc	Drawn By:





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

Title

Size

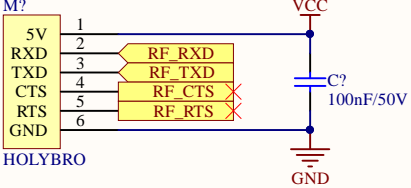
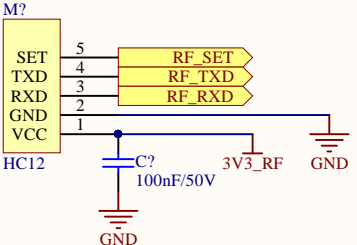
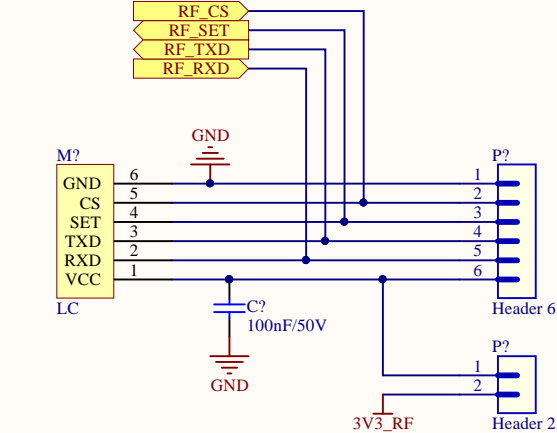
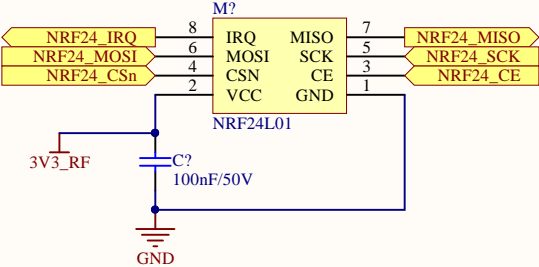
Number

Revision

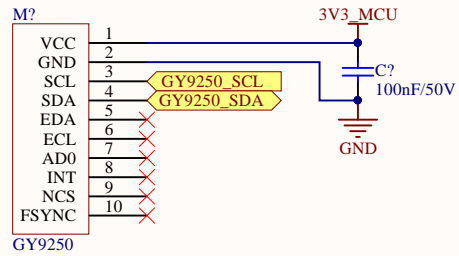
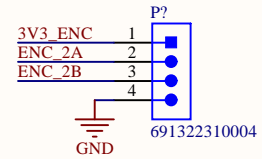
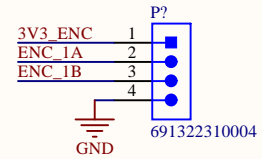
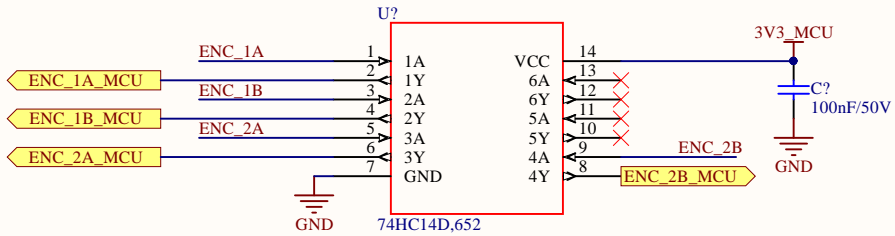
Date: 20/6/2020

Sheet of

File: D:\project\chicken\Power_Supply.SchDoc Drawn By:



Title		
Size	Number	Revision
A		
Date:	20/6/2020	Sheet of
File:	D:\project\chicken\RF.SchDoc	Drawn By:



Title		
Size	Number	Revision
A		
Date:	20/6/2020	Sheet of
File:	D:\project\chicken\Sensor.SchDoc	Drawn By:

