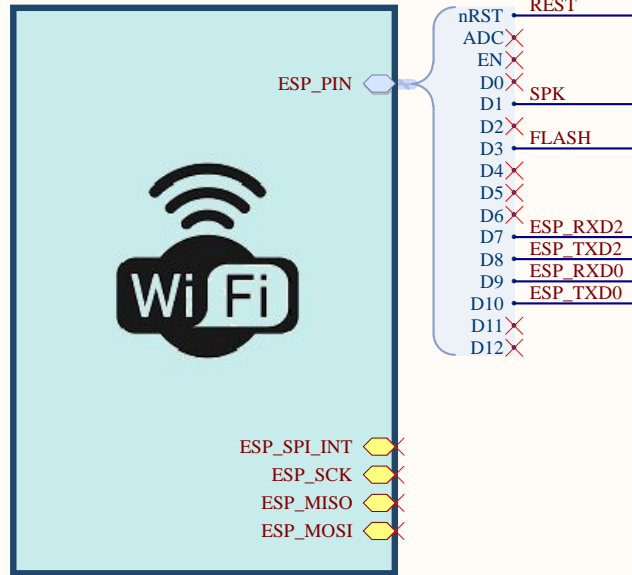
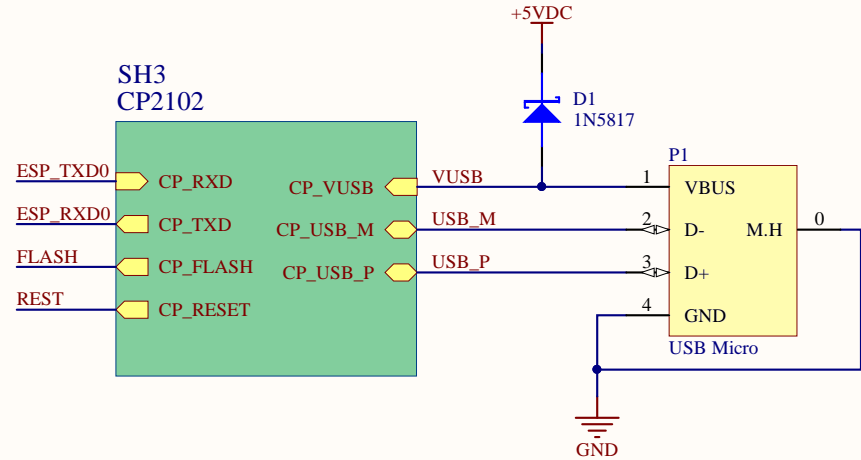


ESP8266 Wi-fi CORE

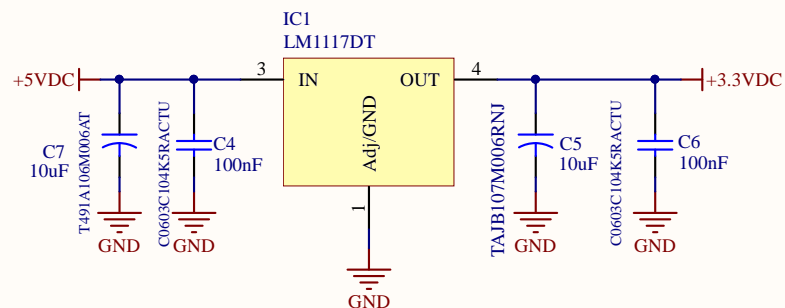
SH2
ESP8266_Core



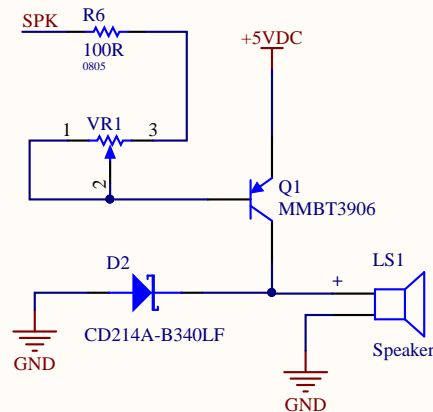
USB TO UART BRIDGE



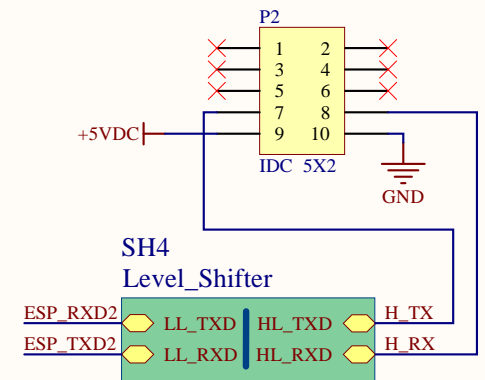
POWER LDO 3.3VDC



SPEAKER ALARM



DATA BUS DISPLAY



Title
Order_Alert_Display_Counter.PrjPcb

Size
A

Number
0000-0000-0001

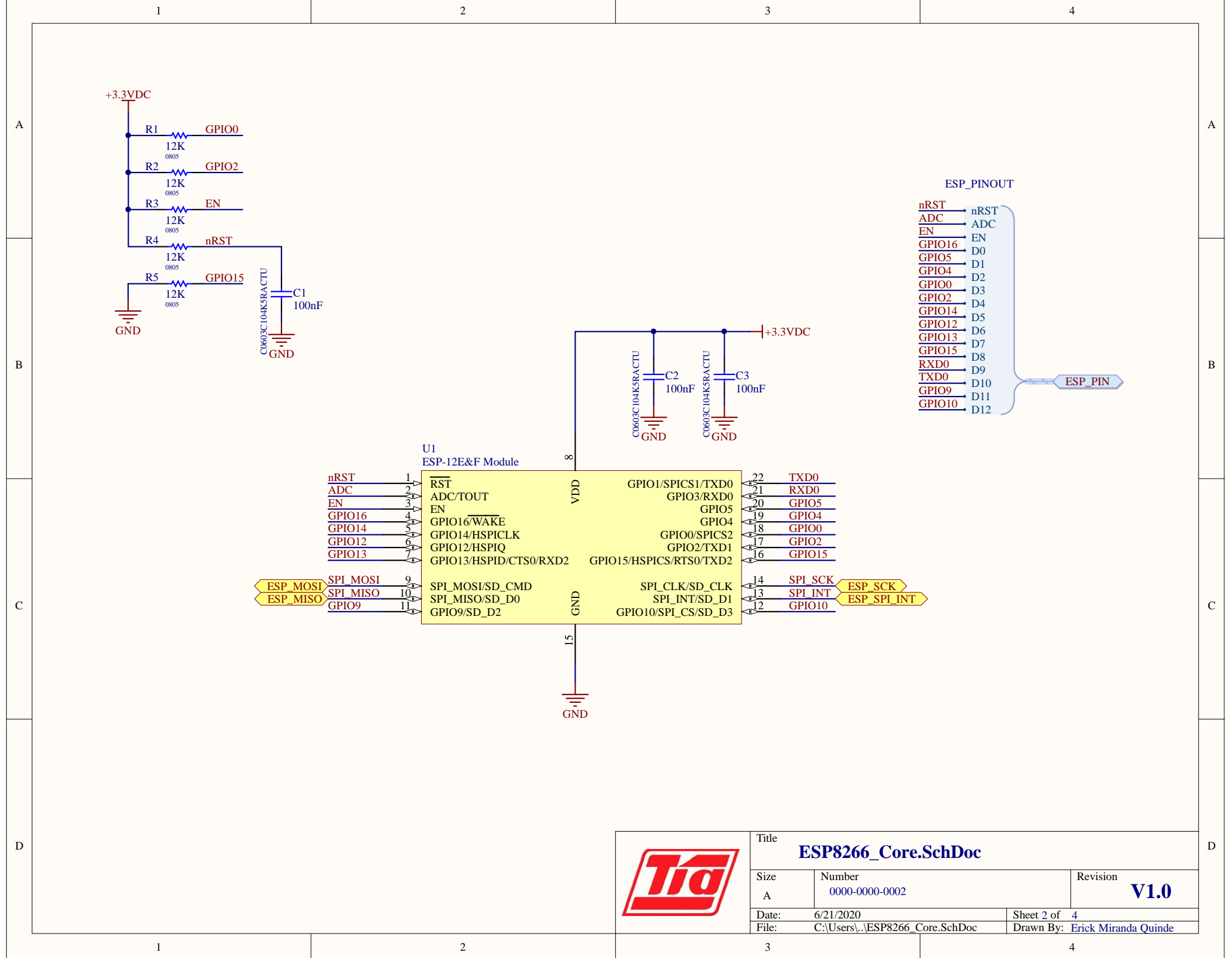
Revision
V1.0

Date: 6/21/2020

Sheet 1 of 4

File: C:\Users\...\main_sheet.SchDoc

Drawn By: Erick Miranda Quinde

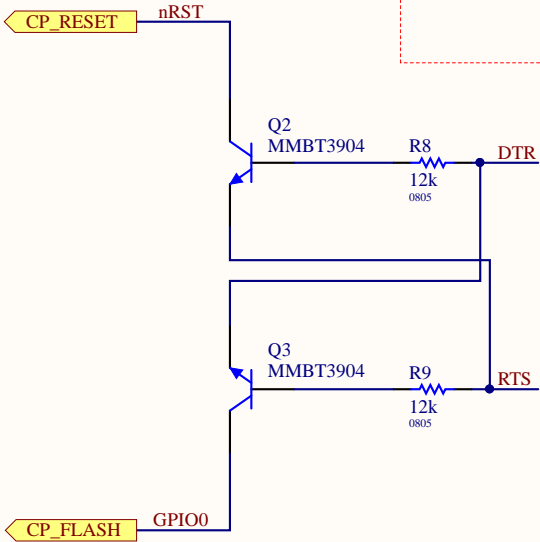
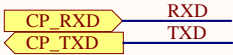
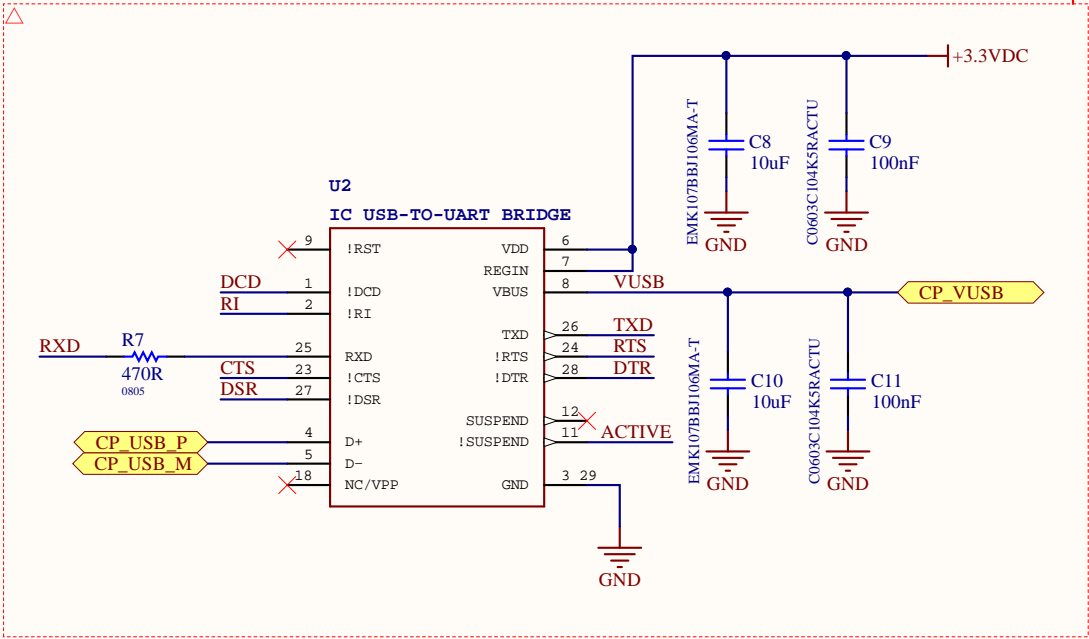


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Size	Number	Revision	
A	0000-0000-0002	V1.0	
Date:	6/21/2020	Sheet 2 of	4
File:	C:\Users\...\ESP8266_Core.SchDoc	Drawn By:	Erick Miranda Quinde

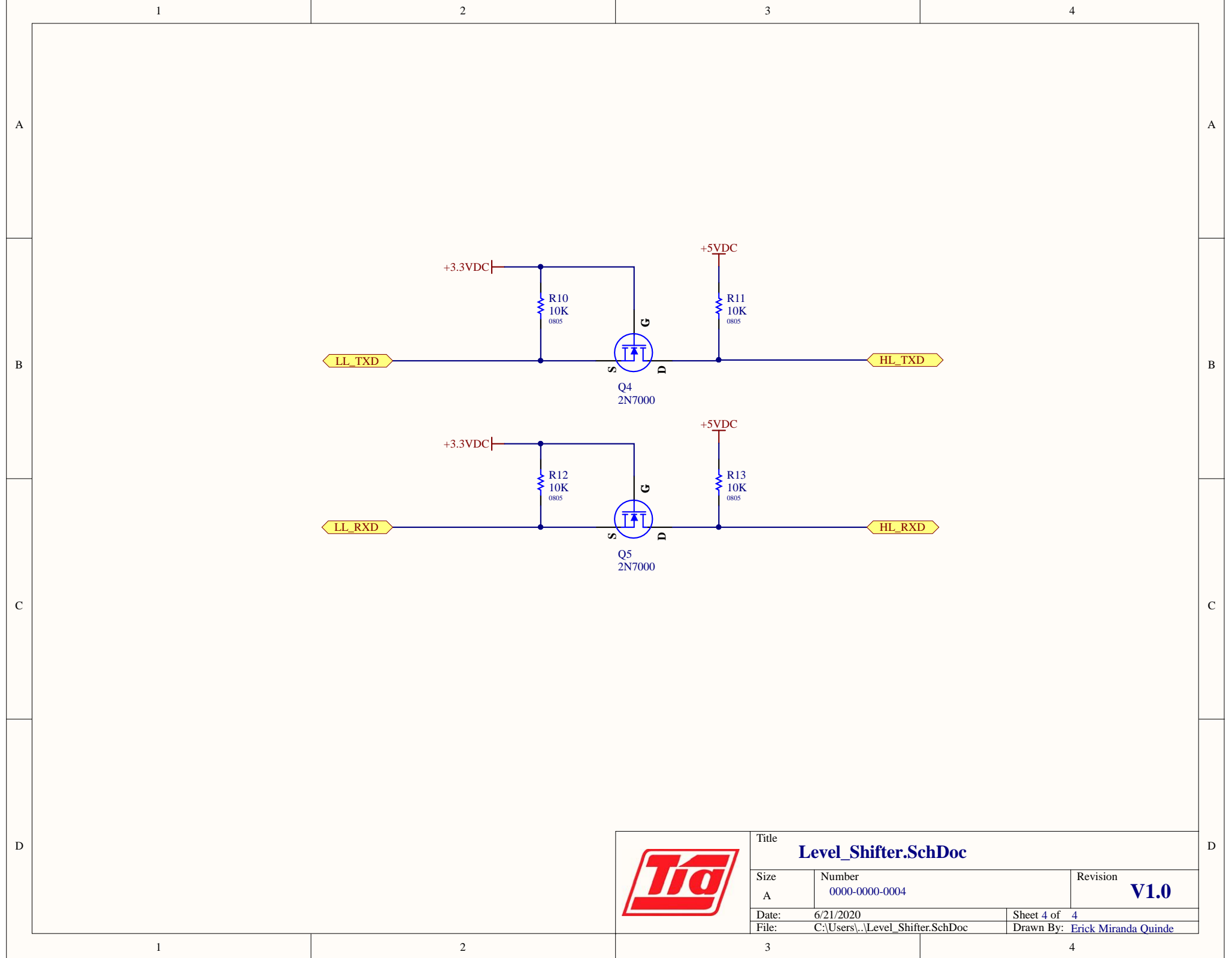
AUTO PROGRAM CIRCUIT			
DTR	RTS	RST	GPIO0
1	1	1	1
0	0	1	1
1	0	0	1
0	1	1	0

ClassName: CP2102

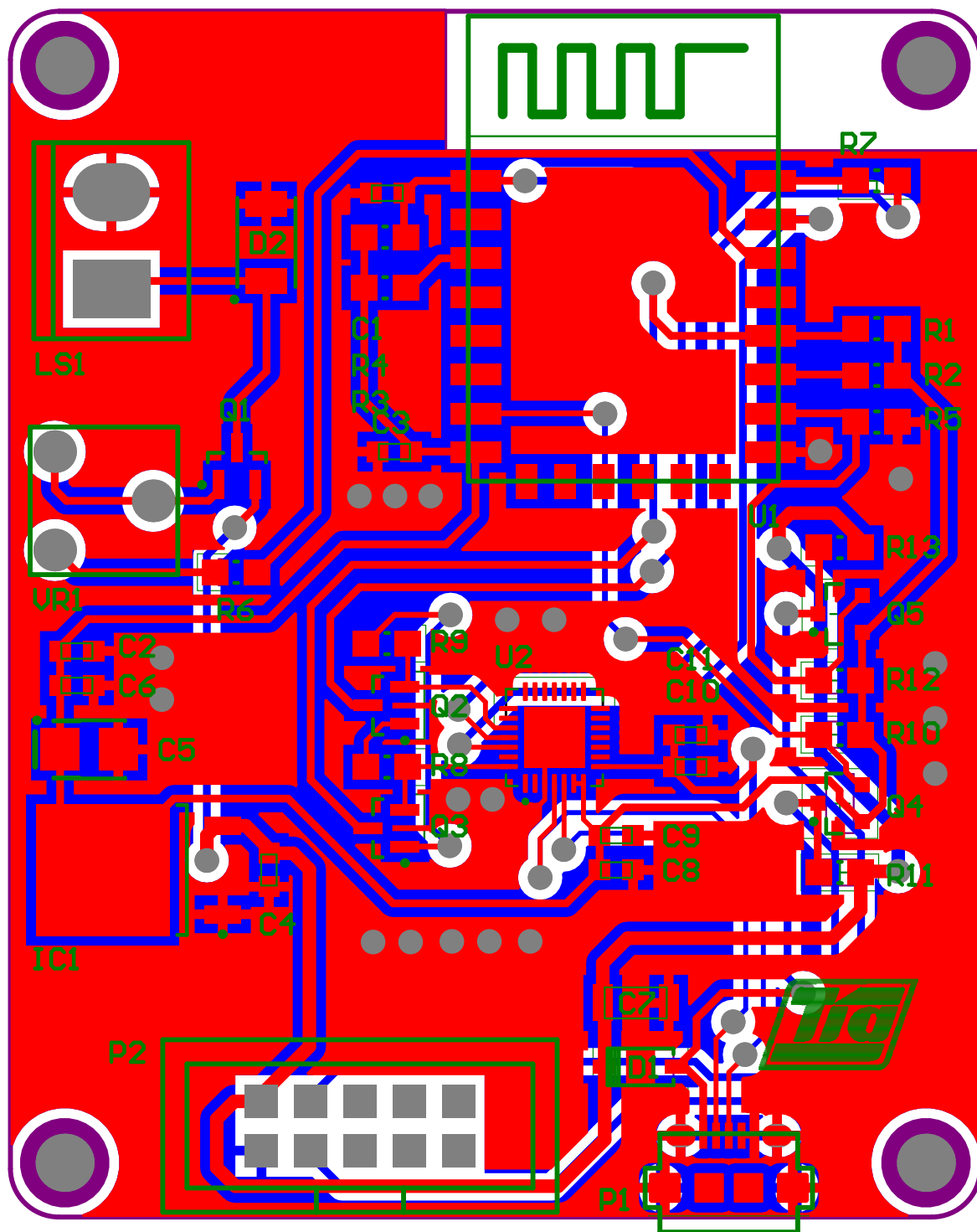
CP2102



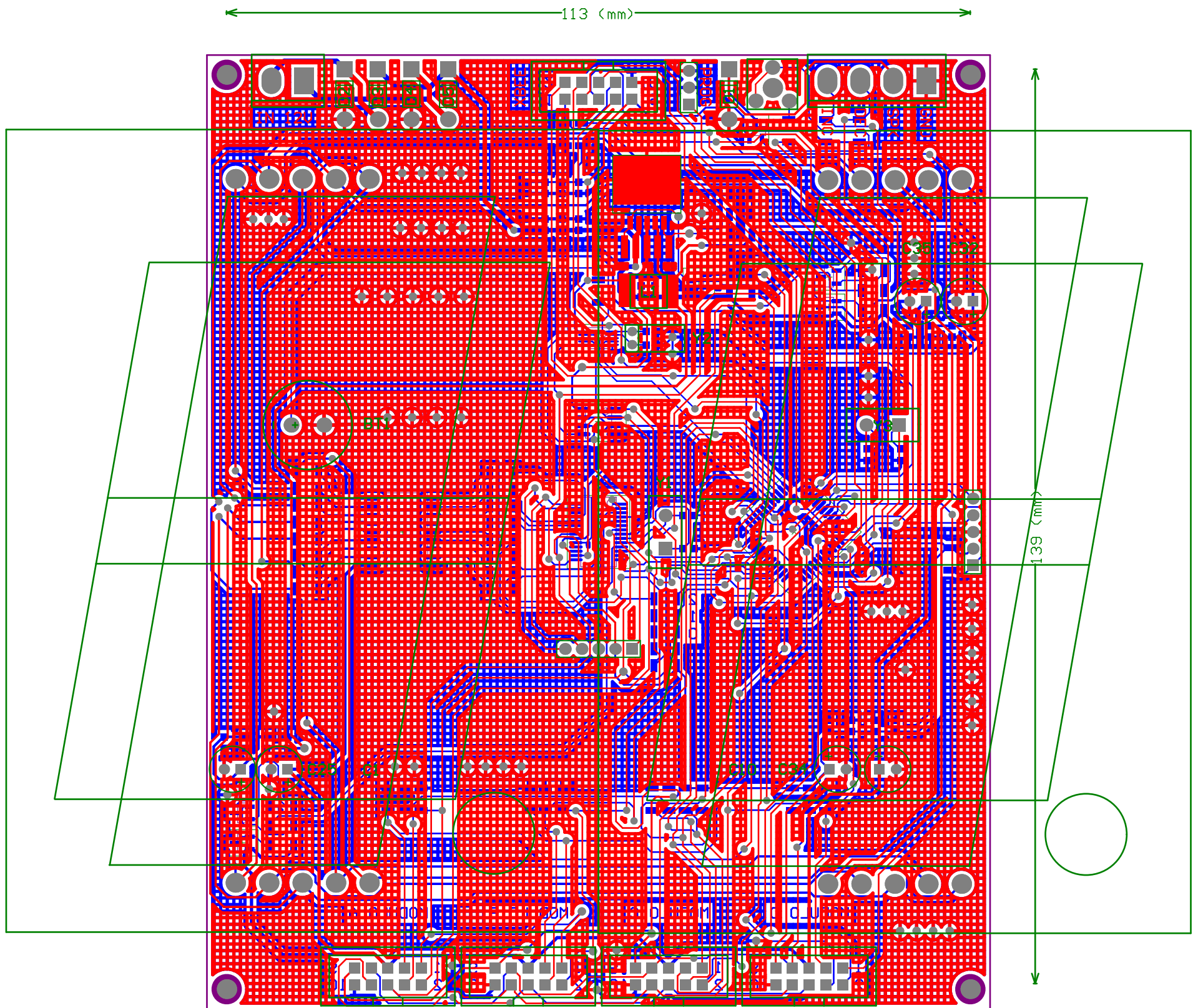
Title			CP2102.SchDoc
Size	Number	Revision	
A	0000-0000-0003	V1.0	
Date:	6/21/2020	Sheet 3 of	4
File:	C:\Users\...\CP2102.SchDoc	Drawn By:	Erick Miranda Quinde

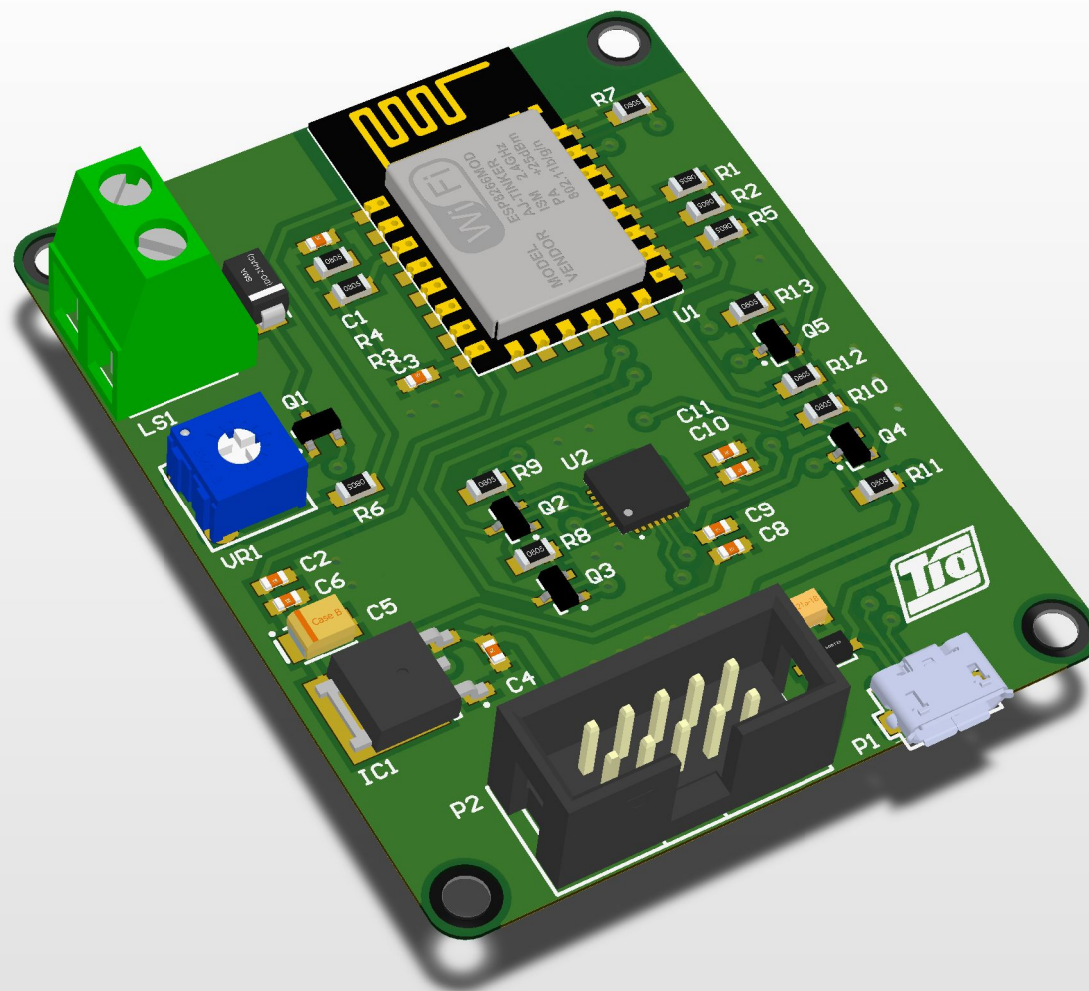


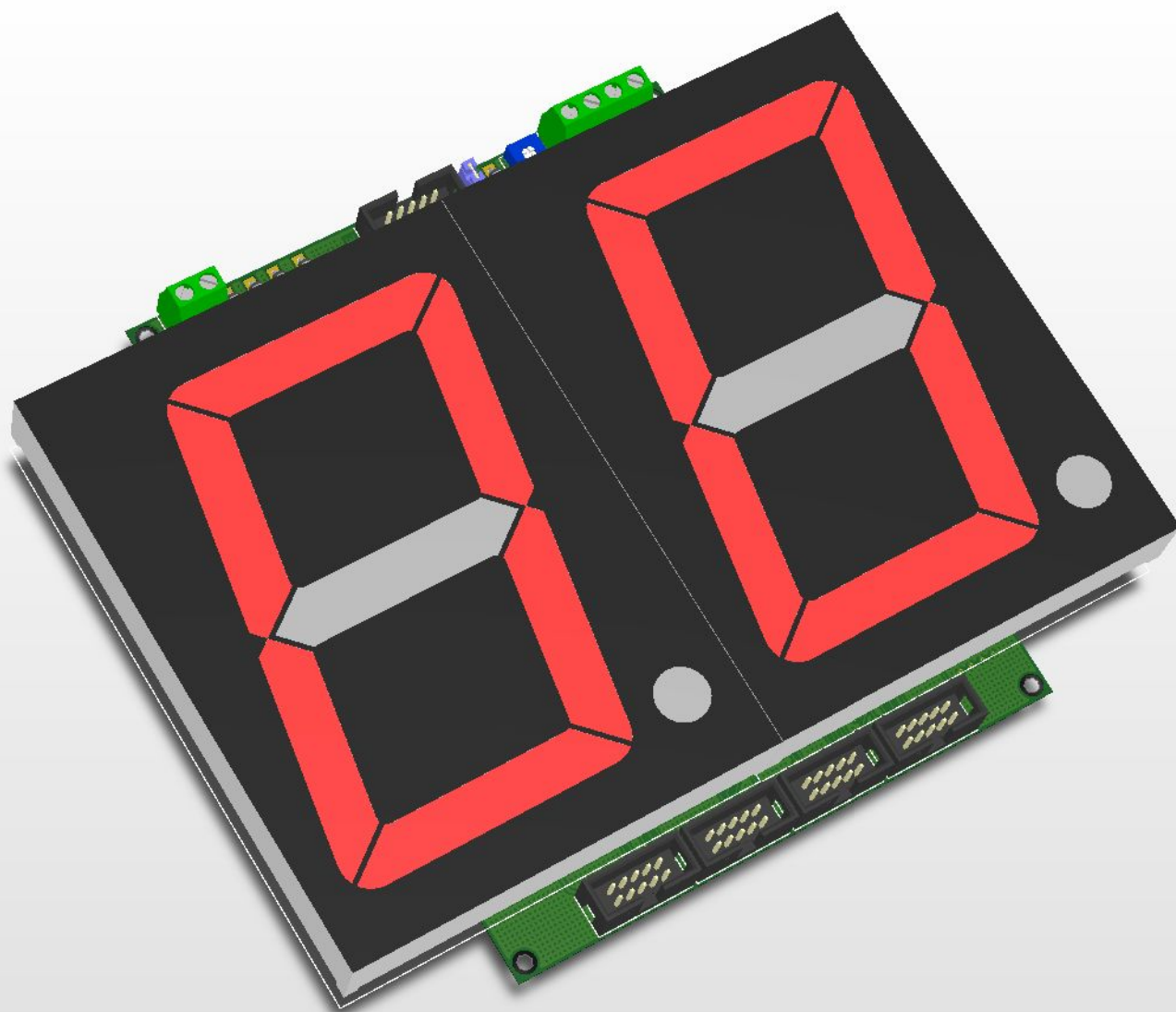
44.44 (mm)



56.618 (nm)







Comment	Description	Designator	Footprint	LibRef	Quantity
100nF		C1, C2, C3, C4	C0603C104K5RACTU	Cap 100nF (0603)	4
TAJB107M006RNJ	Capacitor	C5	TAJB107M006RNJ	Cap 10uF (C3216)	1
C0603C104K5RACTU		C6, C9, C11	C0603C104K5RACTU	Cap 100nF (0603)	3
T491A106M006AT	CAP TANT 10UF 6.3V 20% 1206	C7	3216 Case-A	T491A106M006AT	1
EMK107BBJ106MA-T		C8, C10	C0603C104K5RACTU	Cap 100nF (0603)	2
1N5817		D1	Diode S4	1N5817	1
CD214A-B340LF	DIODE SCHOTTKY 40V 3A SMA	D2	DO-214AC)	CD214A-B340LF	1
LM1117DT	800mA Low-Dropout Linear Regulator	IC1	TO252	LM1117DT	1
Speaker	Loudspeaker	LS1	VERDE 2pin	Speaker	1
USB Micro	USB Mini	P1	USB_MICRO_B_AT	USB Mini	1
IDC 5X2	Header, 5-Pin, Dual row	P2	IDC5X2	IDC 5X2	1
MMBT3906		Q1	SOT-23-TT3_N	2N3906	1
MMBT3904		Q2, Q3	SOT-23-TT3_N	2N3904	2
2N7000	N-Channel MOSFET	Q4, Q5	SuperSOT-3	MOSFET N channel	2
12K	Resistor	R1, R2, R3, R4, R5, R8, R9	RES-0805	Resistor	7
100R	Resistor	R6	RES-0805	Resistor	1
470R	Resistor	R7	RES-0805	Resistor	1
10K	Resistor	R10, R11, R12, R13	RES-0805	Resistor	4
ESP-12E&F Module	ESP-12E&F Module	U1	ESP-12E&F Module	ESP-12E&F Module	1
IC USB-TO-UART BRIDGE		U2	QFN50P500X500X100- 29N	CP2102-GM	1
Trimmer Cermet 104	Trimmer Cermet 104	VR1	POT LIN VR1	Trimmer Cermet 104	1