

## Componnts to ATMEGA2560 Connections -

Max485	
RO	RXD2
RE	IO4
DE	IO4
DI	TXD2
VCC	5V

MCP3424 (4-20mA)	
VSS	GND
VDD	5V
SDA	IO21
ADR1	GND
ADRO	GND
SCL	IO22

RS232	
T1OUT	IO16
R1IN	RXD1
R1OUT	IO17
T1IN	TXD1

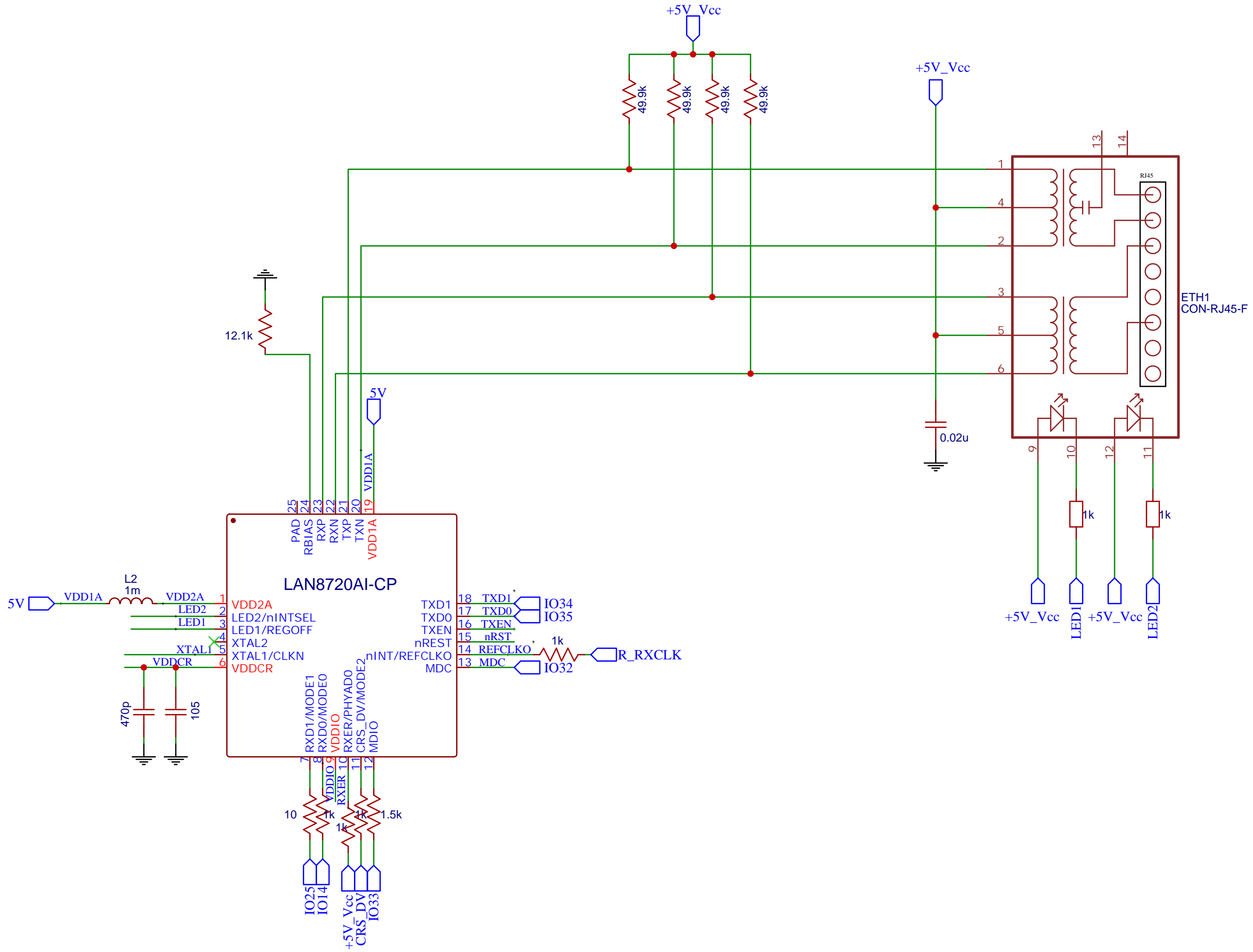
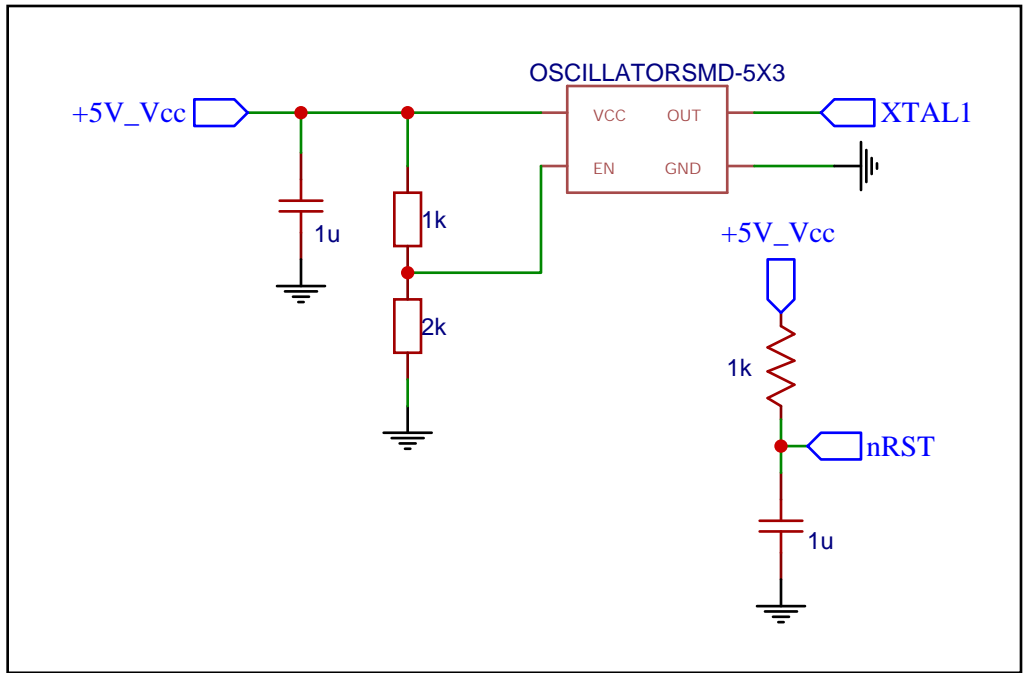
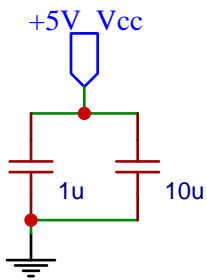
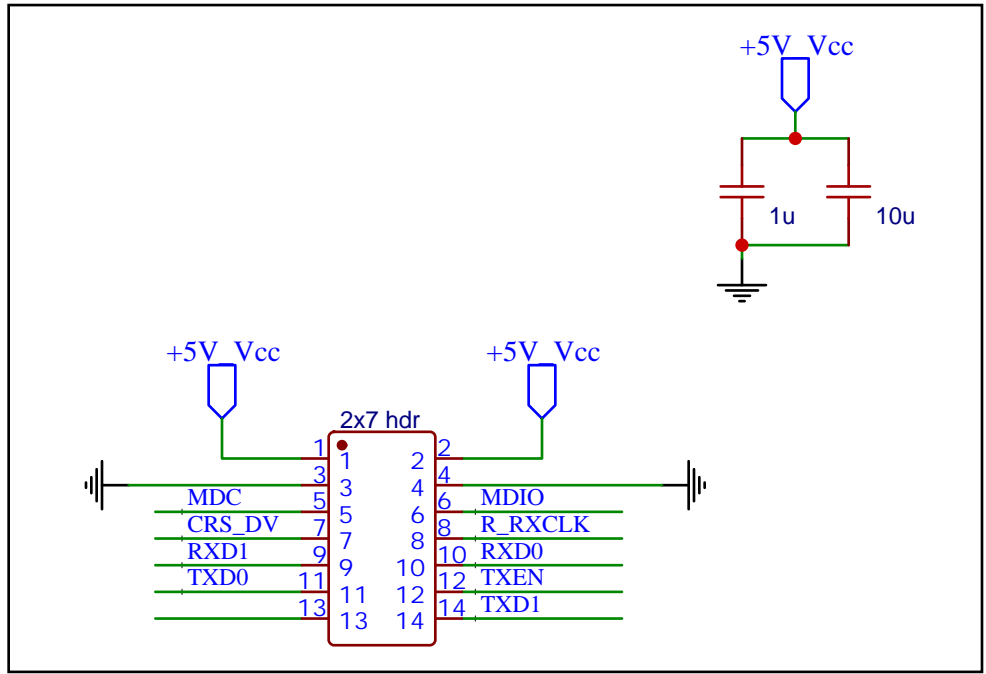
USB Type-C		CP2102	
B1A12	GND	EP	GND
A9B4	5V	DTR	0.1uF
A6	D+	TXD	RXD0
A7	D-	RXD	TXD0
B6	D+	RTS	IO0
B7	D-		
A9B4	VBUS		
B1A12	GND		

74LVC125APW,118		
2	3.3K	IO23
3	MOSI	
5	3.3K	IO18
6	SCK	
GND	GND	
VCC	5V	
12	3.3K	MISO
11	IO19	
9	3.3K	IO15
8	CS_LLS	

SX1262 (LoRa)	
GND	GND
SO	MISO
SI	MOSI
SCK	SCK
SS	NSS
PL7	RST
GND	GND
GND	GND
VCC	5V
DI01	PD0
BUSY	PD7

SIM7000G		
PWRKWY	4.7K	IO4
7	IO15	
8	IO14	
9	IO26	
10	IO27	

LAN8720			
VDD2A	1mH	VDD1A	5V
7	10K	IO25	
8	1K	IO14	
12	1.5K	IO33	
13	IO32		
TXD0	IO35		
TXD1	IO34		
VDD1A	5V		



Ethernet to LAN8720A to esp32