

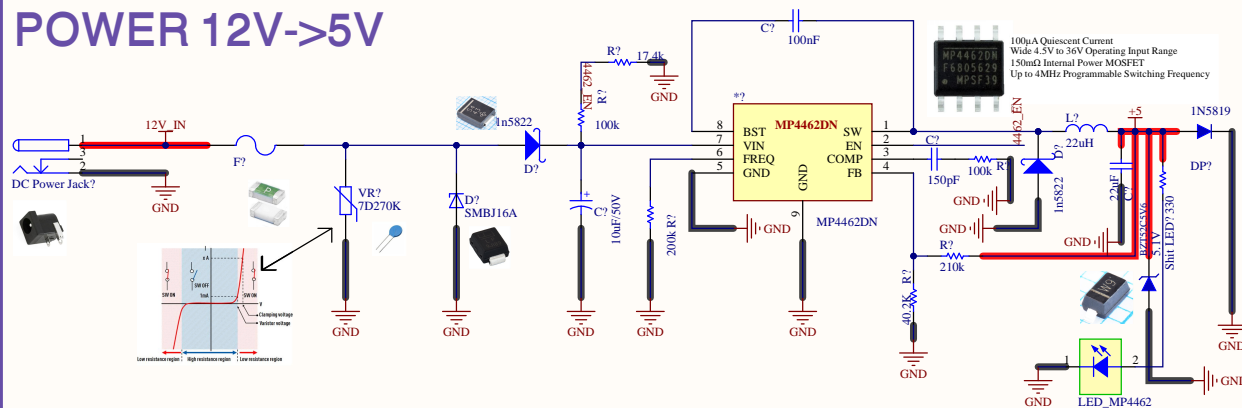
A



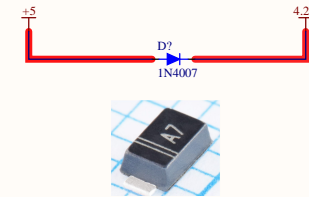
POWER

Arshia Madadi

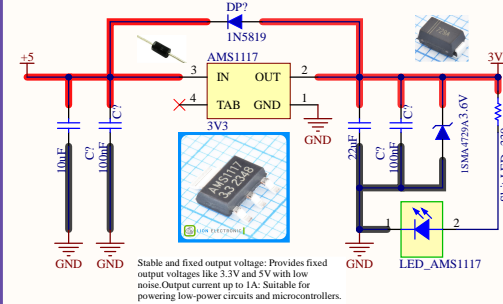
POWER 12V->5V



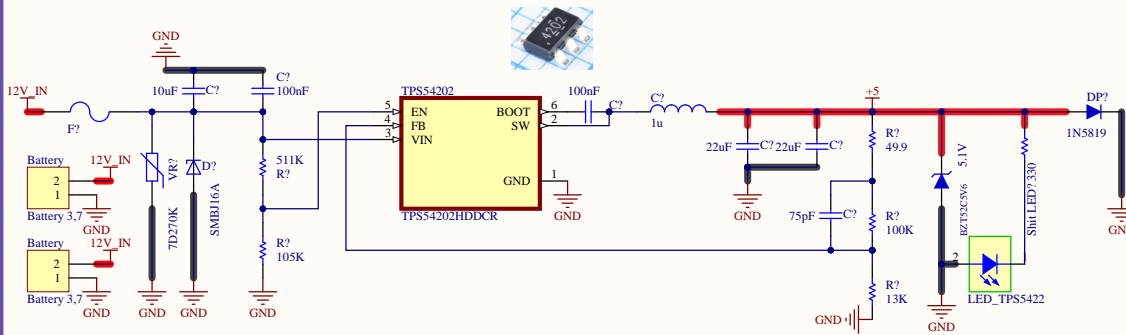
POWER *SIM* 5V->4.2V



POWER 5V->3.3V



POWER 12V->5V battery

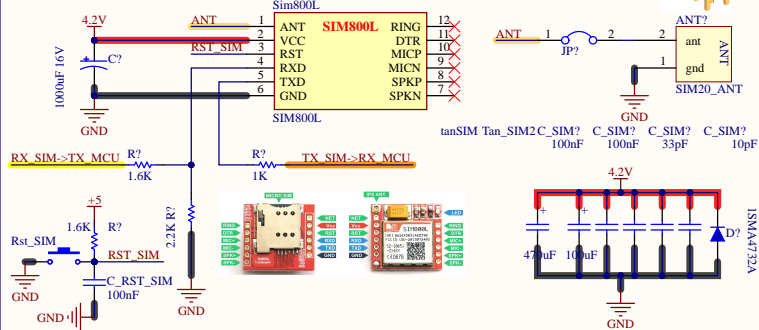


Communications

SIM800L & GPS & Bluetooth & LoRa & ESP-01 Arshia Madadi

SIM800L

Protocol : UART

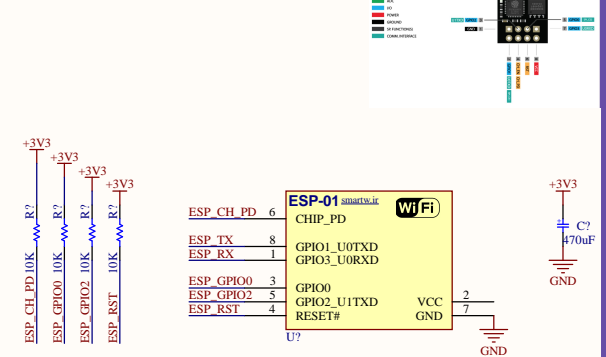


GPS NEO 6M

Protocol : UART

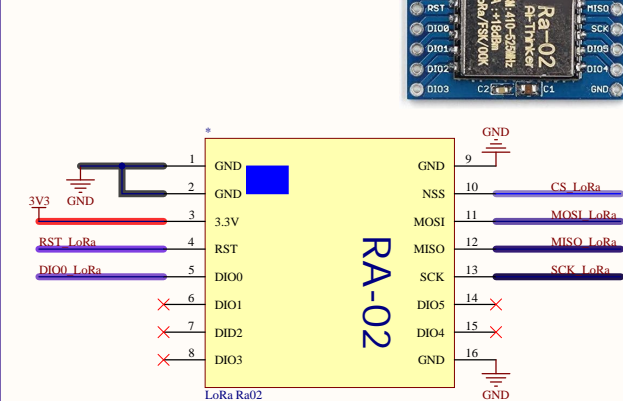


ESP8266



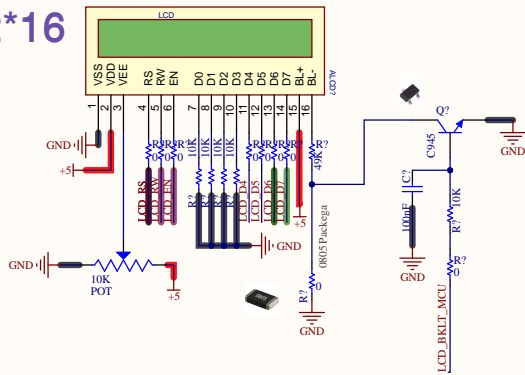
LoRa -RA-02 SX 1278

Protocol : SPI

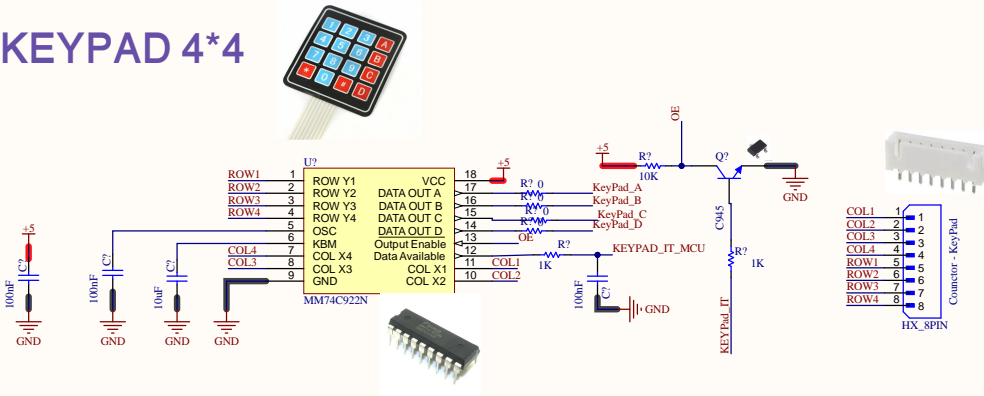


Title Communications Chip		
Size A	Number	Revision 1
Date: 10/09/2024	Sheet of 1	
File: D:\Gir...\Communications.SchDoc	Drawn By: Arshia Madadi	

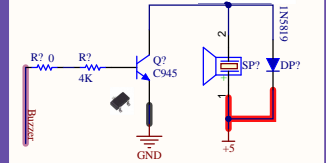
LCD 2*16



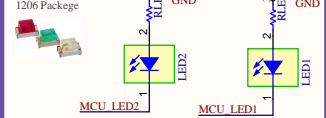
KEYPAD 4*4



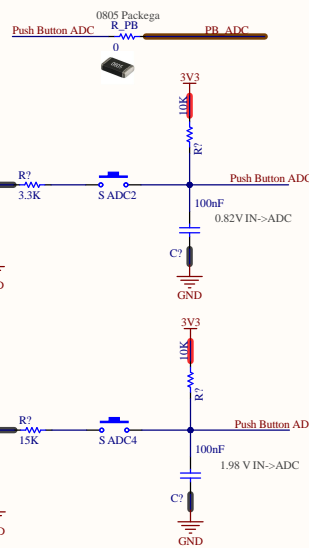
BUZZER



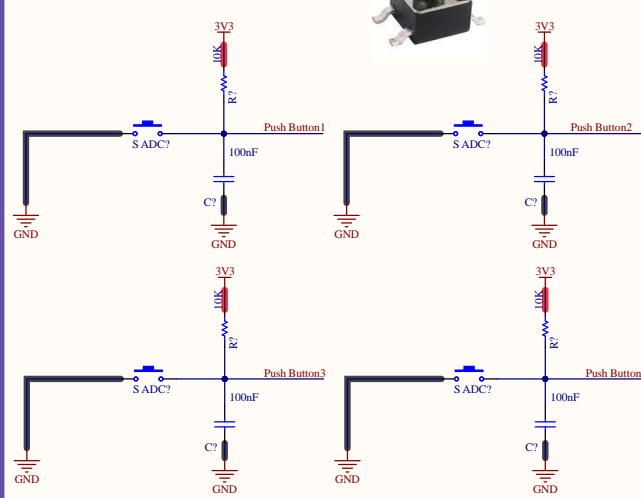
LED



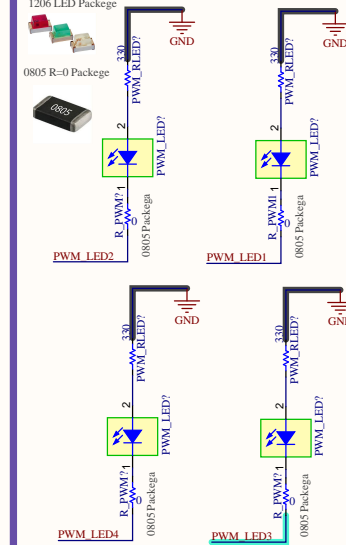
Push Button ADC



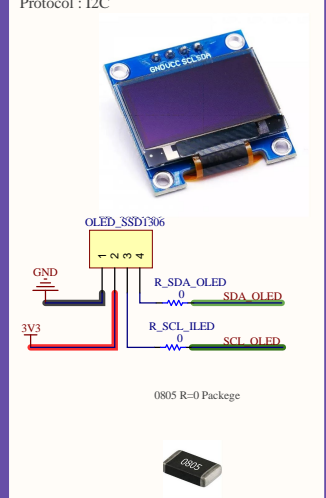
Push Button



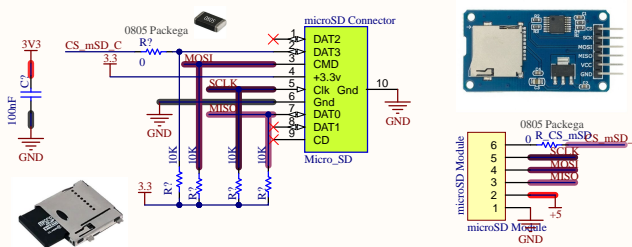
PWM LED



OLED

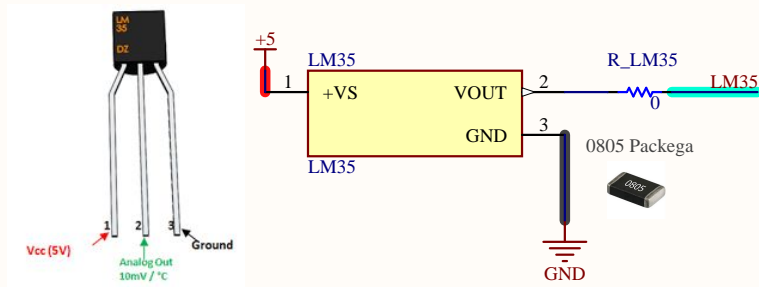


Micro SD Card



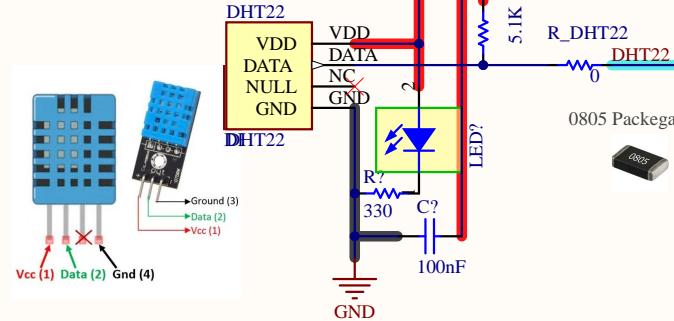
Arshia Madadi

LM35 ADC Temperature sensor

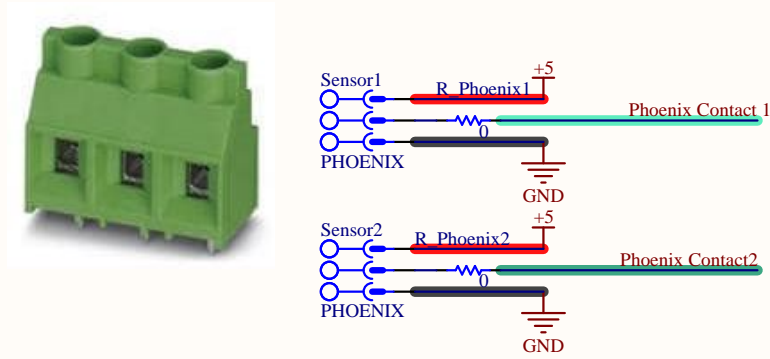


DHT22 ADC

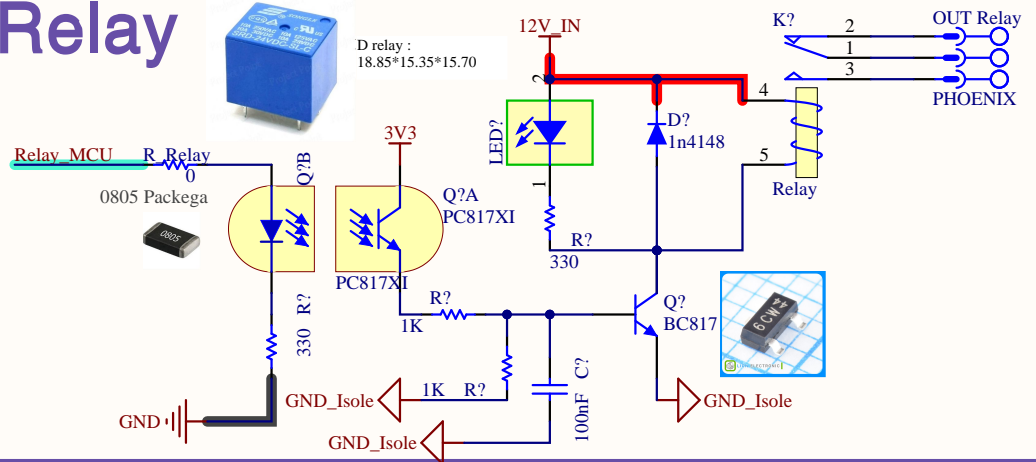
Temperature and humidity sensor



Phoenix Contact



Relay



ADC&Sensor&Relay

Size	Number	Revision
A		
Date:	10/09/2024	Sheet of
File:	D:\Git\...\ADC&Sensor&Relay.SchDoc	Drawn By:

