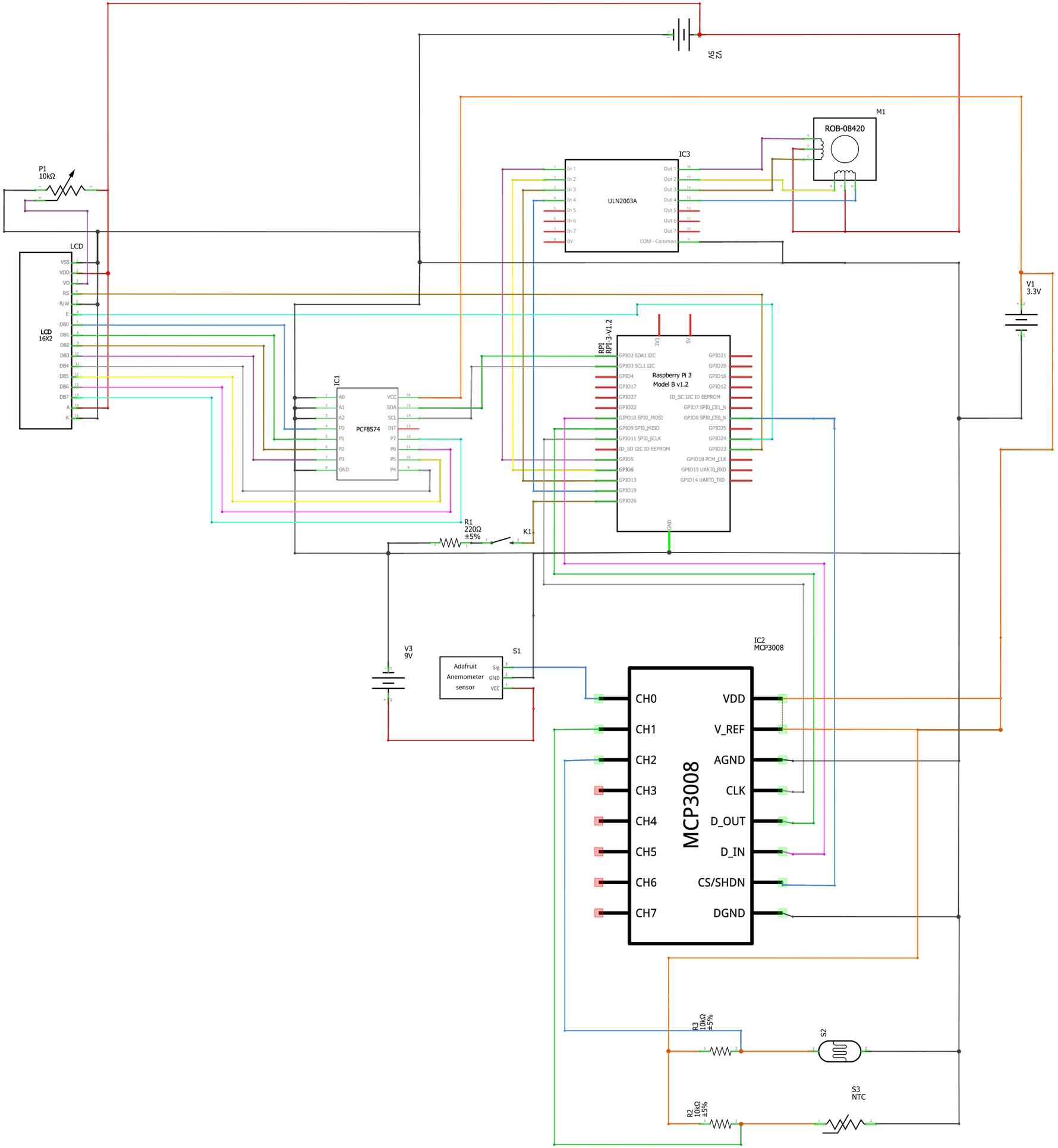
V2
5V
M1
ROB-08420
IC3
ULN2003A
In 1
In 2
In 3
In 4
In 5
In 6
In 7
0V
Out 1
Out 2
Out 3
Out 4
Out 5
Out 6
Out 7
COM - Common
P1
10kΩ
LCD
LCD
16X2
VSS
VDD
VO
RS
R/W
E
DB0
DB1
DB2
DB3
DB4
DB5
DB6
DB7
A
K
IC1
PCF8574
A0
A1
A2
P0
P1
P2
P3
GND
VCC
SDA
SCL
INT
P7
P6
P5
P4
RPI
RPI-3-V1.2
3V3
5V
Raspberry Pi 3
Model B v1.2
GPIO2 SDA1 I2C
GPIO3 SCL1 I2C
GPIO4
GPIO17
GPIO27
GPIO22
GPIO10 SPI0_MOSI
GPIO9 SPI0_MISO
GPIO11 SPI0_SCLK
ID_SD I2C ID EEPROM
GPIO5
GPIO6
GPIO13
GPIO19
GPIO26
GPIO21
GPIO20
GPIO16
GPIO12
ID_SC I2C ID EEPROM
GPIO7 SPI0_CE1_N
GPIO8 SPI0_CE0_N
GPIO25
GPIO24
GPIO23
GPIO18 PCM_CLK
GPIO15 UART0_RXD
GPIO14 UART0_TXD
GND
V1
3.3V
R1
220Ω
±5%
K1
V3
9V
S1
Adafruit
Anemometer
sensor
Sig
GND
VCC
IC2
MCP3008
CH0
CH1
CH2
CH3
CH4
CH5
CH6
CH7
MCP3008
VDD
V_REF
AGND
CLK
D_OUT
D_IN
CS/SHDN
DGND
R3
10kΩ
±5%
S2
S3
NTC
R2
10kΩ
±5%

fritzing