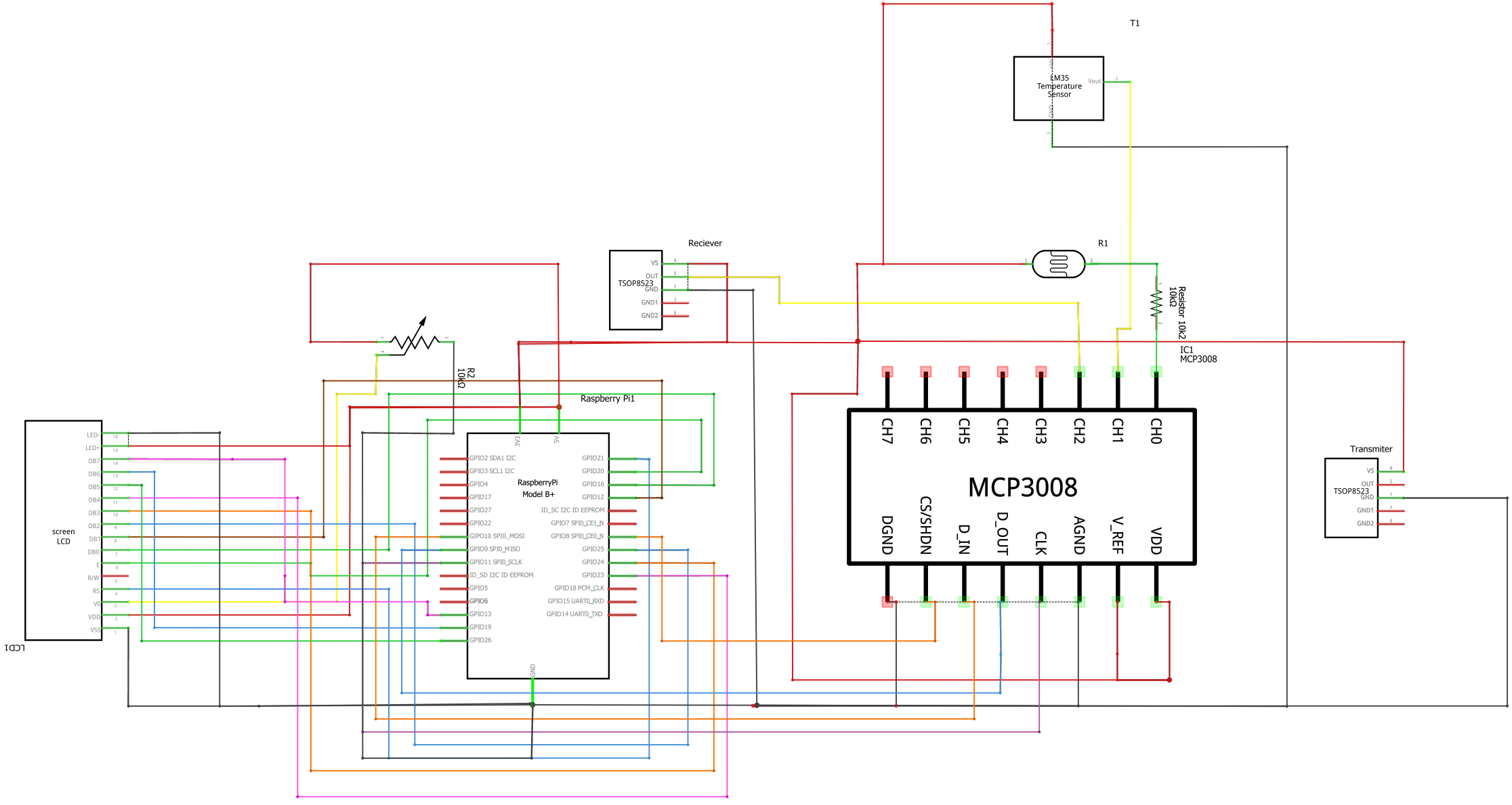
T1
LM35
Temperature
Sensor
Vout
GND
Reciever
TSOP8523
VS
OUT
GND
GND1
GND2
R1
Resistor 10kΩ
IC1
MCP3008
R2
10kΩ
Raspberry Pi1
RaspberryPi
Model B+
3V3
5V
GPIO2 SDA1 I2C
GPIO3 SCL1 I2C
GPIO4
GPIO17
GPIO27
GPIO22
GPIO10 SPI0_MOSI
GPIO9 SPI0_MISO
GPIO11 SPI0_SCLK
ID_SD I2C ID EEPROM
GPIO5
GPIO6
GPIO13
GPIO19
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
screen
LCD
LED-
LED+
DB7
DB6
DB5
DB4
DB3
DB2
DB1
DB0
E
R/W
RS
V0
VDD
VSS
LCD1
CH7
CH6
CH5
CH4
CH3
CH2
CH1
CH0
MCP3008
DGND
CS/SHDN
D_IN
D_OUT
CLK
AGND
V_REF
VDD
Transmiter
TSOP8523
VS
OUT
GND
GND1
GND2
fritzing