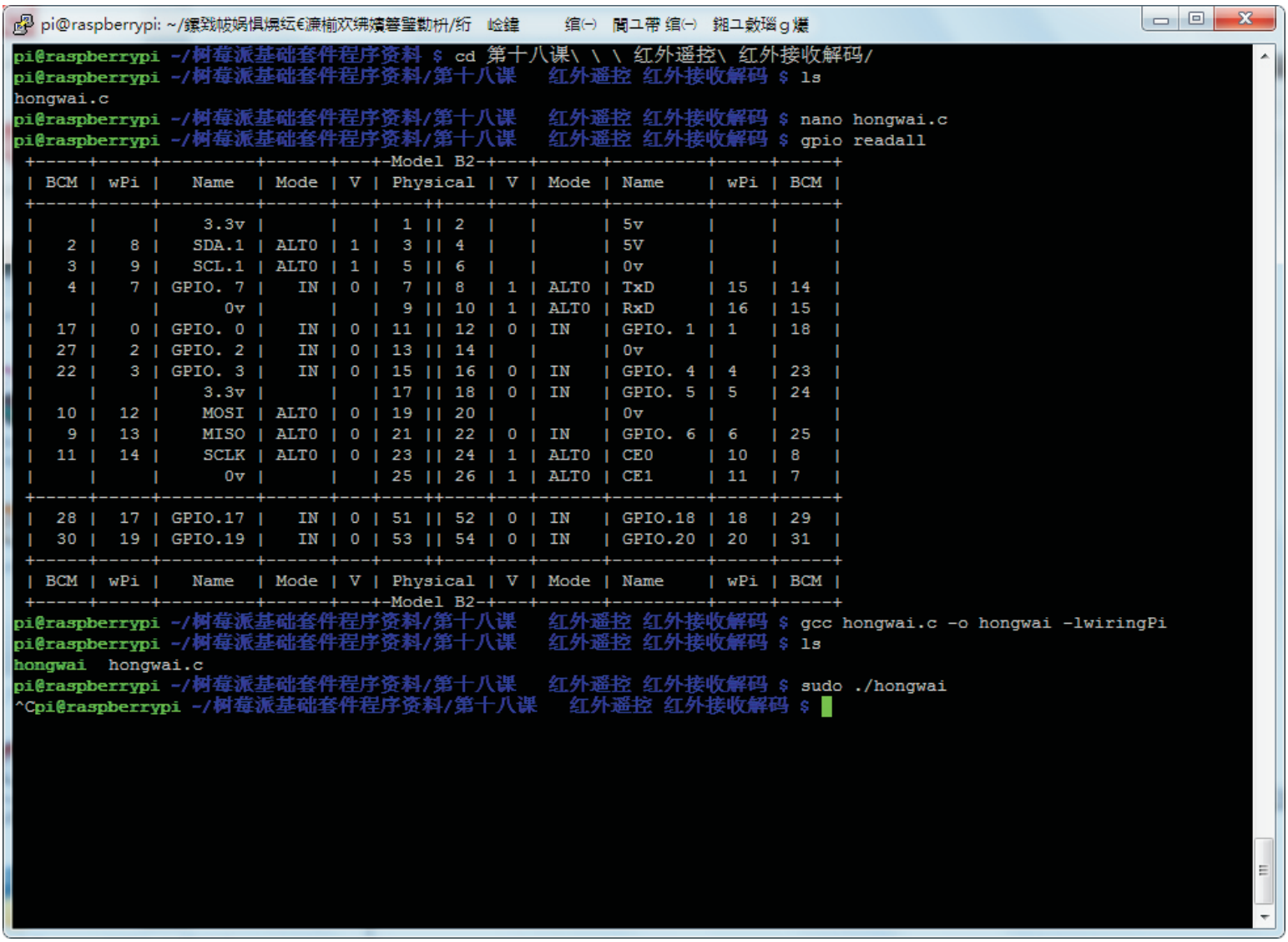
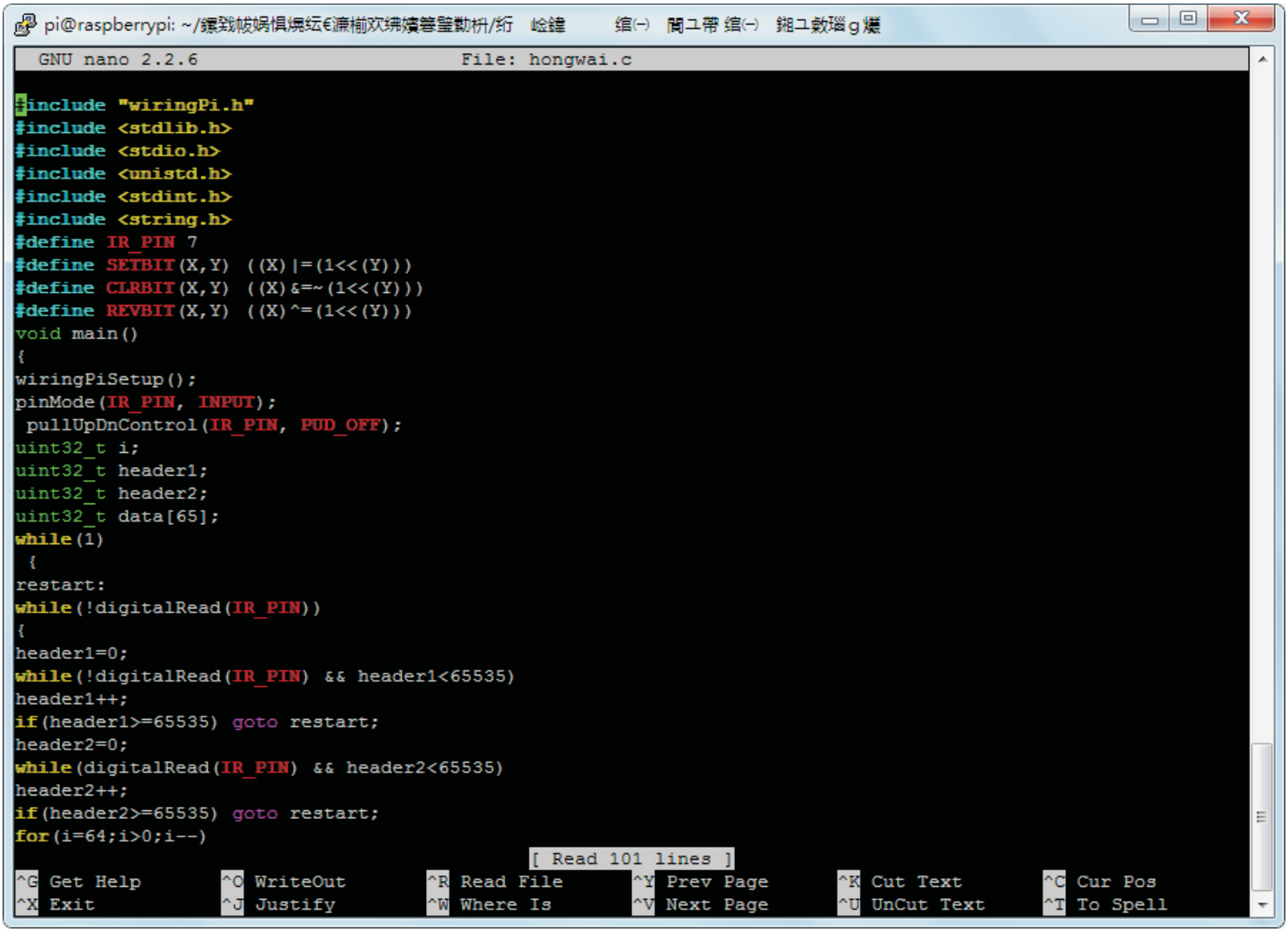
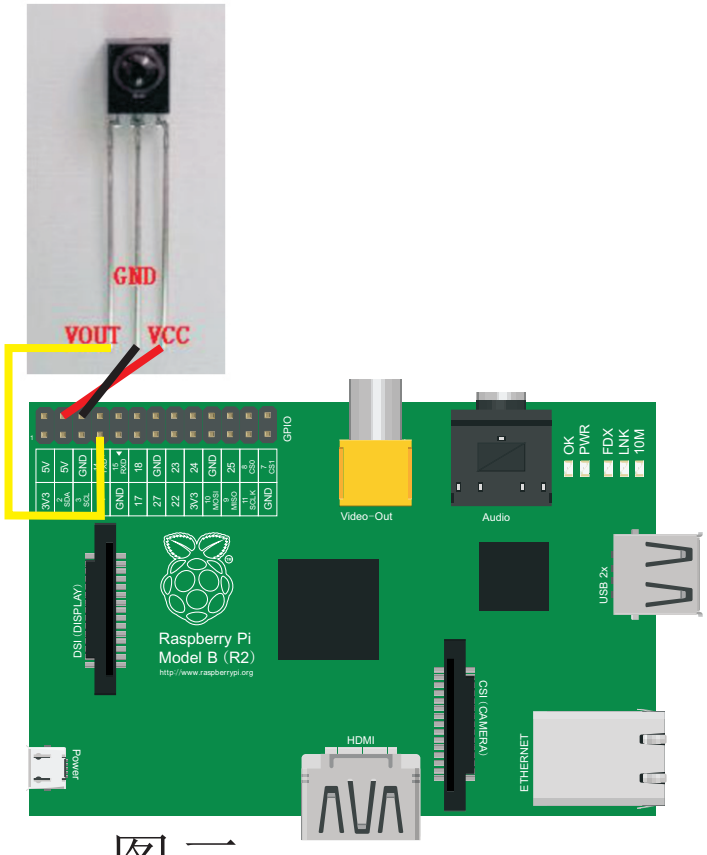
树莓派第十八课 红外接收解码



图一


pi@raspberrypi: ~/鑲戣帗娲惧熀纭€濂榆欢绋嬪簪璧勦枡/绗 崄鍏 缩(-) 閬ユ帶 缩(-) 鎚ユ敹瑙g爔
GNU nano 2.2.6 File: hongwai.c
#include "wiringPi.h"
#include <stdlib.h>
#include <stdio.h>
#include <unistd.h>
#include <stdint.h>
#include <string.h>
#define IR_PIN 7
#define SETBIT(X,Y) ((X)|=(1<<(Y)))
#define CLRBIT(X,Y) ((X)&=~(1<<(Y)))
#define REVBIT(X,Y) ((X)^=(1<<(Y)))
void main()
{
wiringPiSetup();
pinMode(IR_PIN, INPUT);
pullUpDnControl(IR_PIN, PUD_OFF);
uint32_t i;
uint32_t header1;
uint32_t header2;
uint32_t data[65];
while(1)
{
restart:
while(!digitalRead(IR_PIN))
{
header1=0;
while(!digitalRead(IR_PIN) && header1<65535)
header1++;
if(header1>=65535) goto restart;
header2=0;
while(digitalRead(IR_PIN) && header2<65535)
header2++;
if(header2>=65535) goto restart;
for(i=64;i>0;i--)
[Read 101 lines]
^G Get Help ^O WriteOut ^R Read File ^Y Prev Page ^K Cut Text ^C Cur Pos
^X Exit ^J Justify ^W Where Is ^V Next Page ^U UnCut Text ^T To Spell

图二


GND
VOUT
VCC
GPIO
Video-Out
Audio
OK
PWR
FDX
LNK
10M
USB 2x
DSI (DISPLAY)
Raspberry Pi
Model B (R2)
CSI (CAMERA)
HDMI
ETHERNET
Power

图三