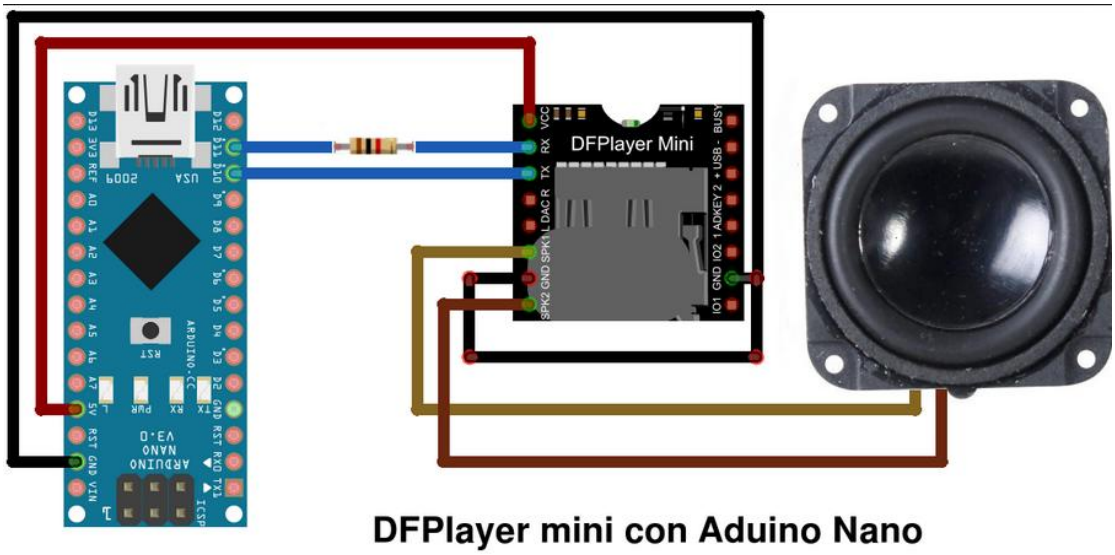
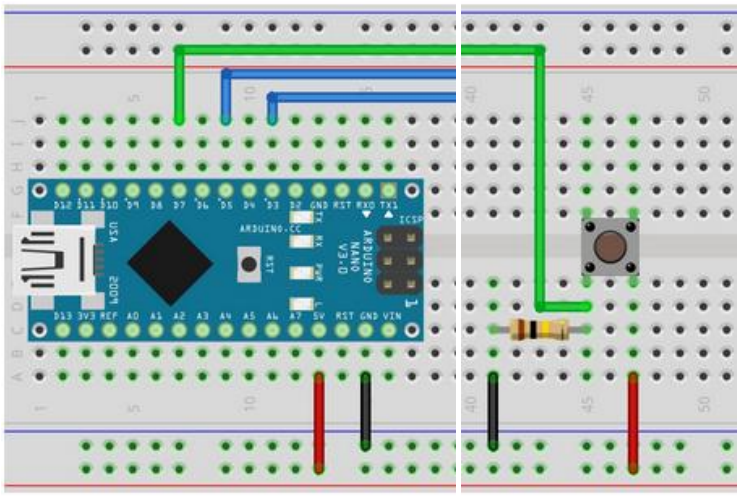
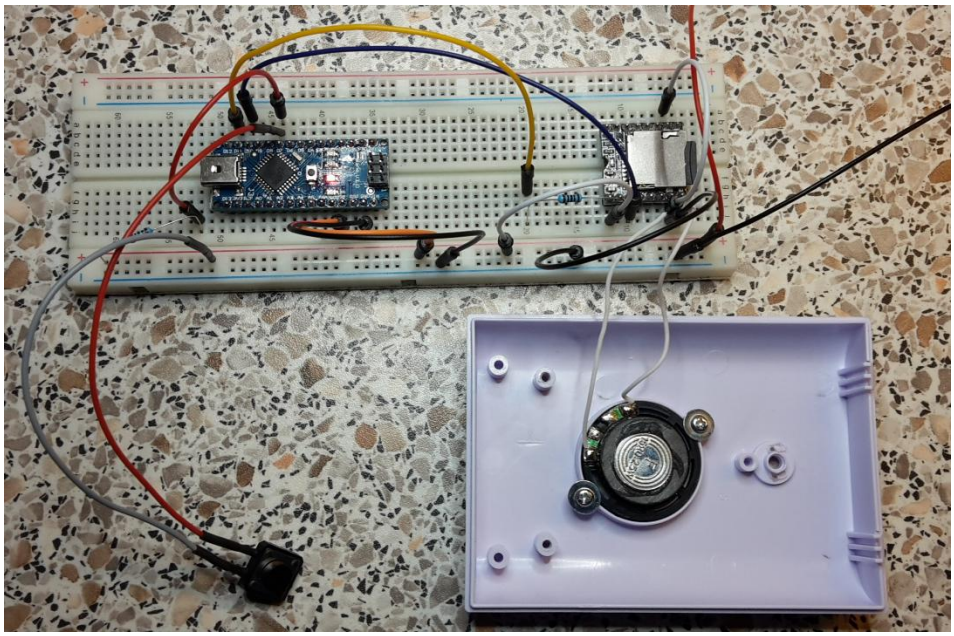


DFPlayer mini con Aduino Nano



Die beiden blauen Kabel sind nicht relevant. Waren für andere Verbraucher.
Der Widerstand am Taster hat ca. 10 kΩ. Der Widerstand am DFPlayer hat 1kΩ.



Sketch:

```
#include "Arduino.h"
#include "SoftwareSerial.h"
#include "DFRobotDFPlayerMini.h"
int taster=7;
int tasterstatus=0;

SoftwareSerial mySoftwareSerial(10, 11); // RX, TX
DFRobotDFPlayerMini myDFPlayer;
void printDetail(uint8_t type, int value);

void setup()
{
  mySoftwareSerial.begin(9600);
  Serial.begin(115200);
  pinMode(taster, INPUT);

  if (!myDFPlayer.begin(mySoftwareSerial)) {  //Use softwareSerial to communicate with mp3.
    Serial.println(F("Unable to begin:"));
    Serial.println(F("1.Please recheck the connection!"));
    Serial.println(F("2.Please insert the SD card!"));
    while(true);
  }
  Serial.println(F("DFPlayer Mini online."));

  //----Set volume----
  myDFPlayer.volume(20);  //Set volume value (0~30).
  myDFPlayer.volumeUp(); //Volume Up
  myDFPlayer.volumeDown(); //Volume Down

  //----Set different EQ----
  myDFPlayer.EQ(DFPLAYER_EQ_NORMAL);
//  myDFPlayer.EQ(DFPLAYER_EQ_POP);
//  myDFPlayer.EQ(DFPLAYER_EQ_ROCK);
//  myDFPlayer.EQ(DFPLAYER_EQ_JAZZ);
//  myDFPlayer.EQ(DFPLAYER_EQ_CLASSIC);
//  myDFPlayer.EQ(DFPLAYER_EQ_BASS);

  //----Set device we use SD as default----
//  myDFPlayer.outputDevice(DFPLAYER_DEVICE_U_DISK);
  myDFPlayer.outputDevice(DFPLAYER_DEVICE_SD);
//  myDFPlayer.outputDevice(DFPLAYER_DEVICE_AUX);
//  myDFPlayer.outputDevice(DFPLAYER_DEVICE_SLEEP);
//  myDFPlayer.outputDevice(DFPLAYER_DEVICE_FLASH);

  //----Mp3 control----
//  myDFPlayer.sleep();     //sleep
//  myDFPlayer.reset();     //Reset the module
//  myDFPlayer.enableDAC();  //Enable On-chip DAC
//  myDFPlayer.disableDAC();  //Disable On-chip DAC
//  myDFPlayer.outputSetting(true, 15); //output setting, enable the output and set the gain to 15

  //----Mp3 play----

  myDFPlayer.play(0001);

  //----Read imformation----
  Serial.println(myDFPlayer.readState()); //read mp3 state
  Serial.println(myDFPlayer.readVolume()); //read current volume
  Serial.println(myDFPlayer.readEQ()); //read EQ setting
  Serial.println(myDFPlayer.readFileCounts()); //read all file counts in SD card
```

```
  Serial.println(myDFPlayer.readCurrentFileNumber()); //read current play file number
  Serial.println(myDFPlayer.readFileCountsInFolder(3)); //read fill counts in folder SD:/03
}


void loop ()


{
tasterstatus=digitalRead(taster);
if (tasterstatus == HIGH)
{
myDFPlayer.play(0001);
}
}
```