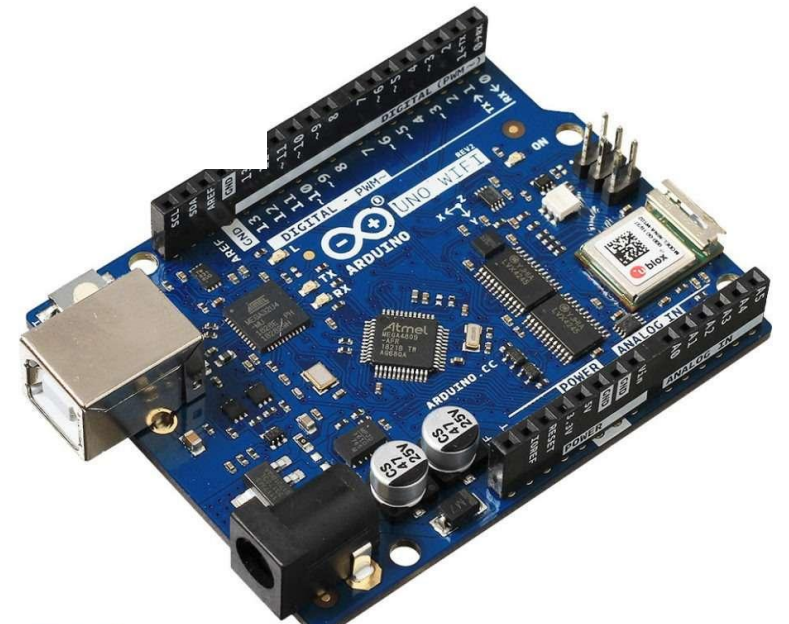
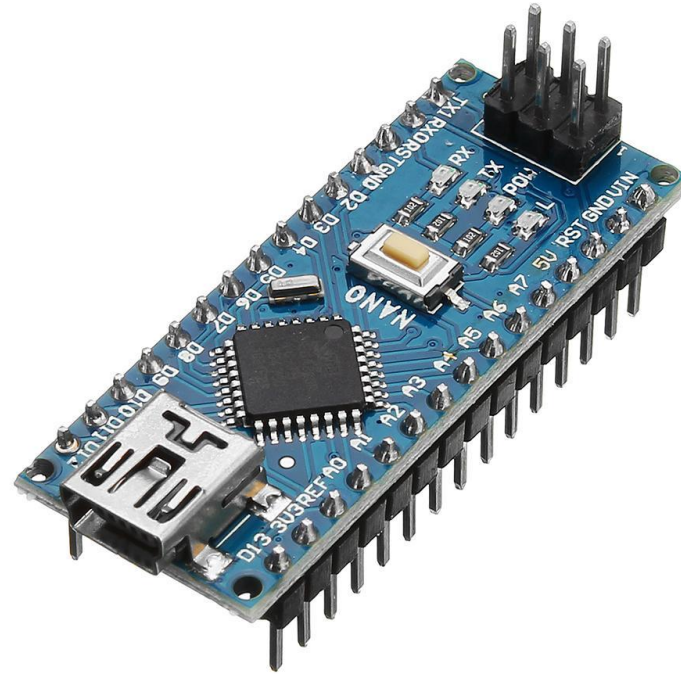
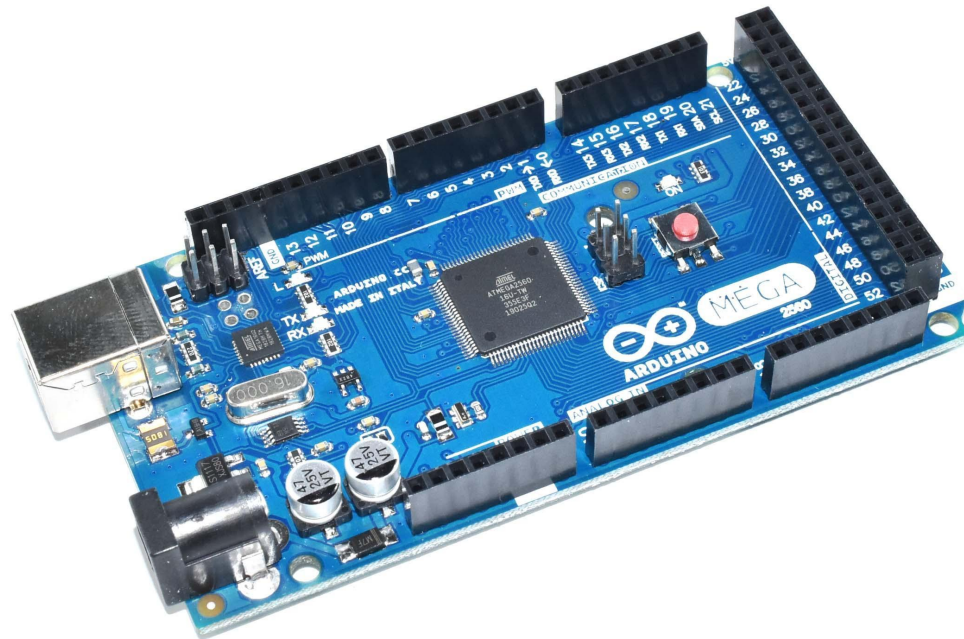
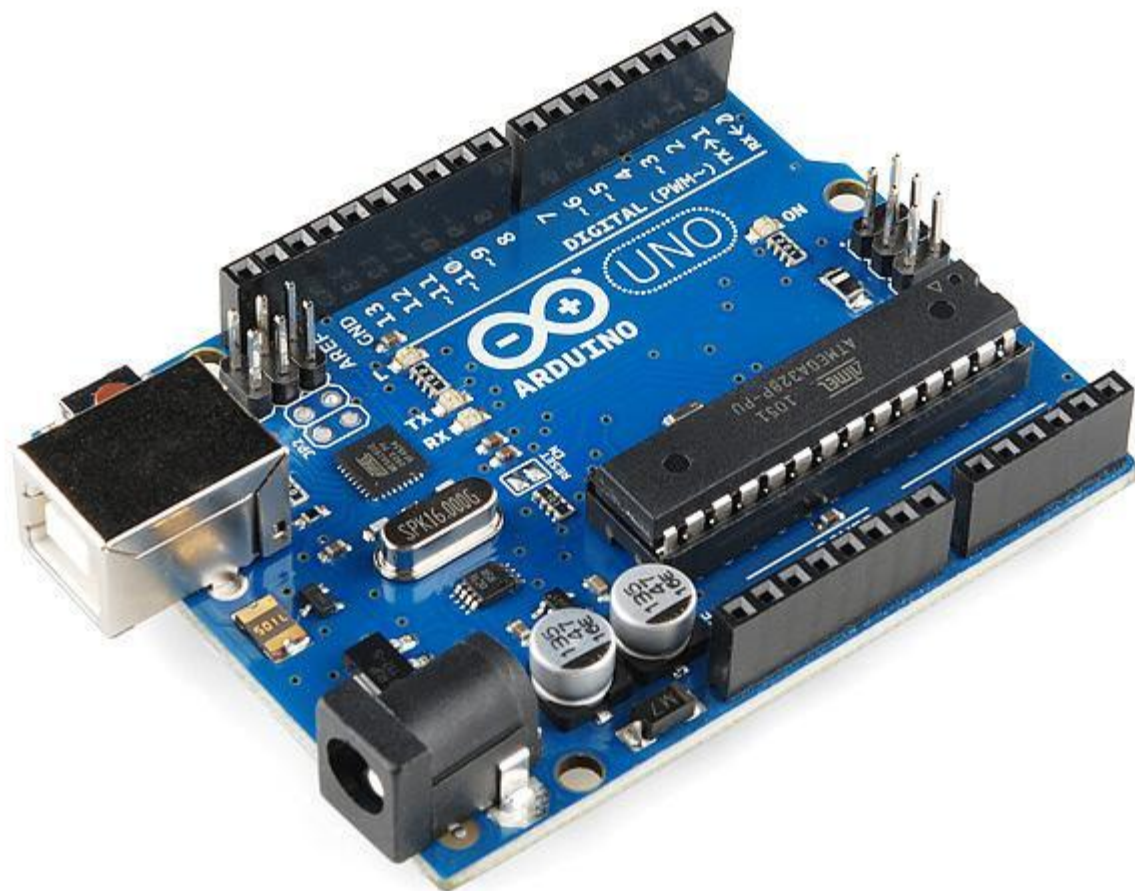
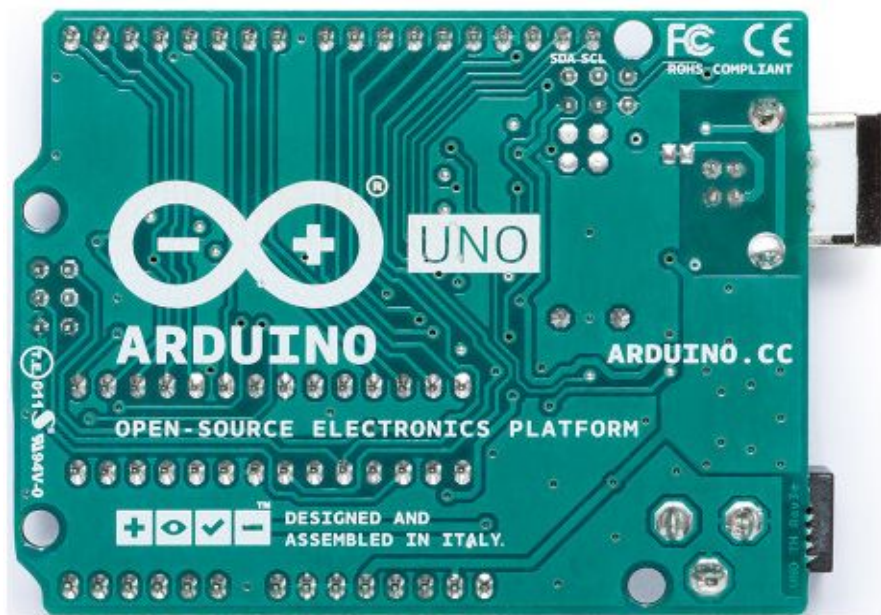
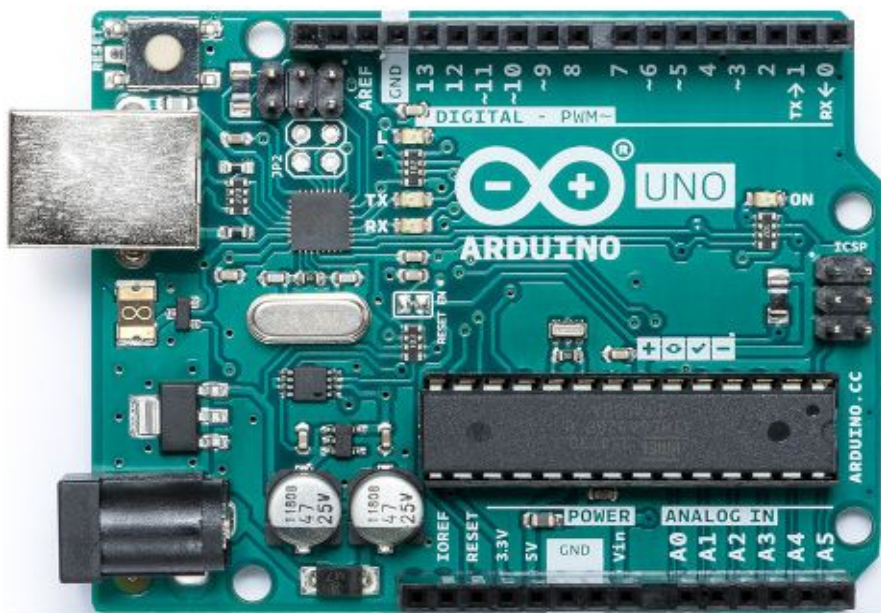
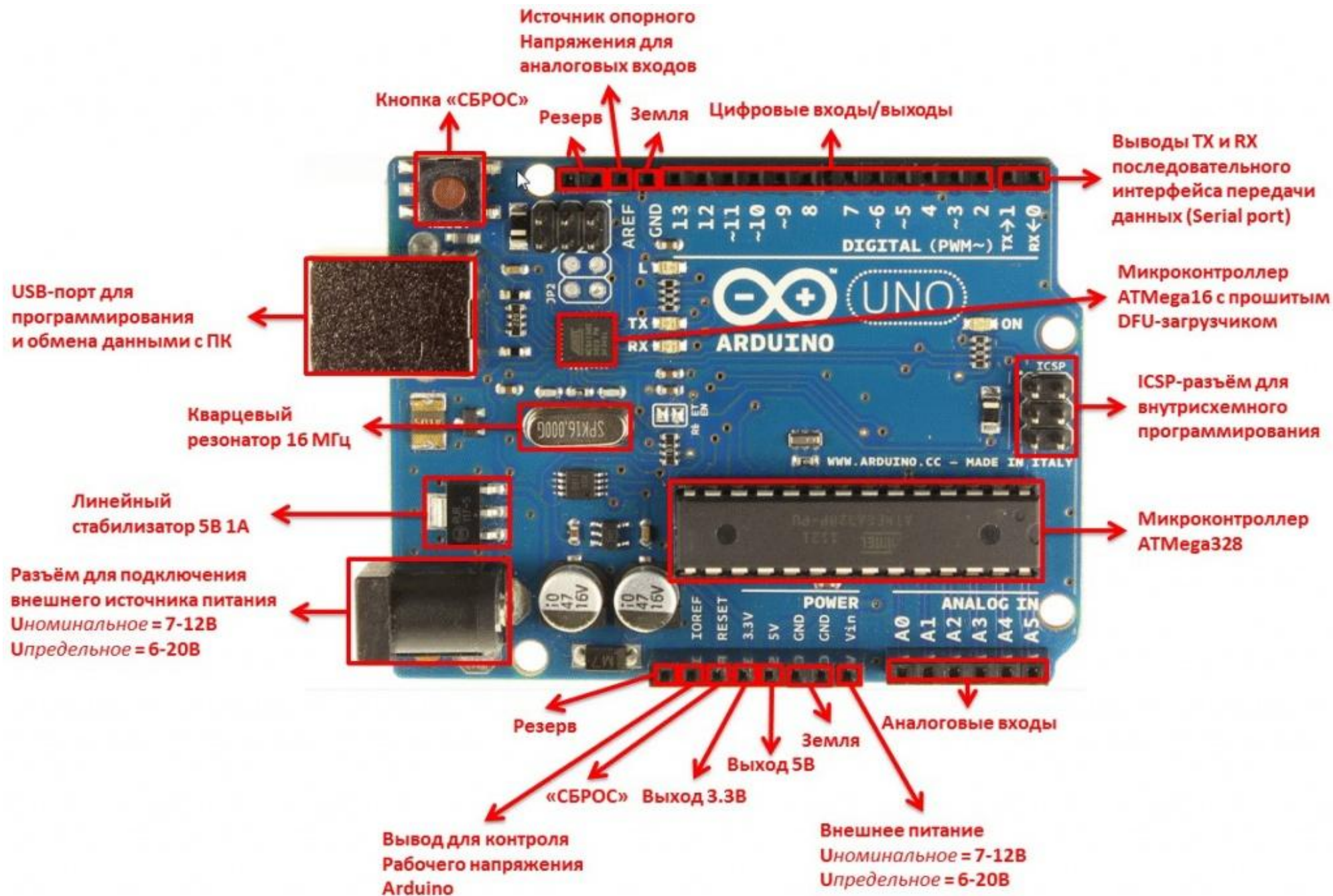


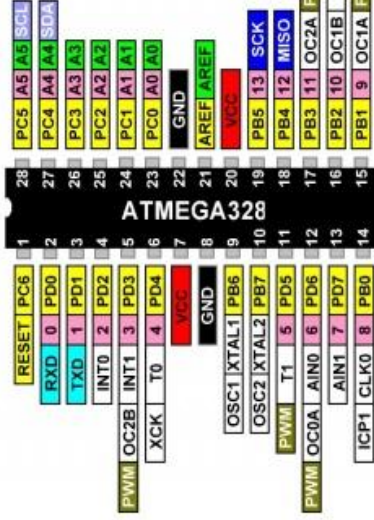
Разработка светодиодной игры на Arduino

Arduino

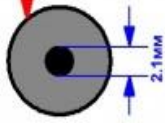






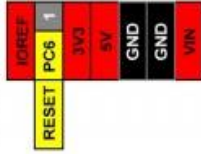


7-12V



Для деактивации автоматического сброса перерезать перемычку

Не используется



USB

Кнопка "СБРОС"

RESET

AREF

GND

13

12

11

10

9

8

7

6

5

4

3

2

1

0

TX

RX

ICSP

ON

DIGITAL (PWM~)

ARDUINO

UNO

ATMEGA328

RESET EN

IOREF

RESET

3V3

5V

GND

GND

VIN

POWER

ANALOG IN

A0

A1

A2

A3

A4

A5

IOREF

RESET

PC6

1

3V3

5V

GND

GND

VIN

POWER

ANALOG IN

A0

A1

A2

A3

A4

A5

IOREF

RESET

PC6

1

3V3

5V

GND

GND

VIN

POWER

ANALOG IN

A0

A1

A2

A3

A4

A5

IOREF

RESET

PC6

1

3V3

5V

GND

GND

VIN

POWER

ANALOG IN

A0

A1

A2

A3

A4

A5

IOREF

RESET

PC6

1

3V3

5V

GND

GND

VIN

POWER

ANALOG IN

A0

A1

A2

A3

A4

A5

IOREF

RESET

PC6

1

3V3

5V

GND

GND

VIN

POWER

ANALOG IN

A0

A1

A2

A3

A4

A5

IOREF

RESET

PC6

1

3V3

5V

GND

GND

VIN

POWER

ANALOG IN

A0

A1

A2

A3

A4

A5

IOREF

RESET

PC6

1

3V3

5V

GND

GND

VIN

POWER

ANALOG IN

A0

A1

A2

A3

A4

A5

IOREF

RESET

PC6

1

3V3

5V

GND

GND

VIN

POWER

ANALOG IN

A0

A1

A2

A3

A4

A5

IOREF

RESET

PC6

1

3V3

5V

GND

GND

VIN

POWER

ANALOG IN

A0

A1

A2

A3

A4

A5

IOREF

RESET

PC6

1

3V3

5V

GND

GND

VIN

POWER

ANALOG IN

A0

A1

A2

A3

A4

A5

IOREF

RESET

PC6

1

3V3

5V

GND

GND

VIN

POWER

ANALOG IN

A0

A1

A2

A3

A4

A5

IOREF

RESET

PC6

1

3V3

5V

GND

GND

VIN

POWER

ANALOG IN

A0

A1

A2

A3

A4

A5

IOREF

RESET

PC6

1

3V3

5V

GND

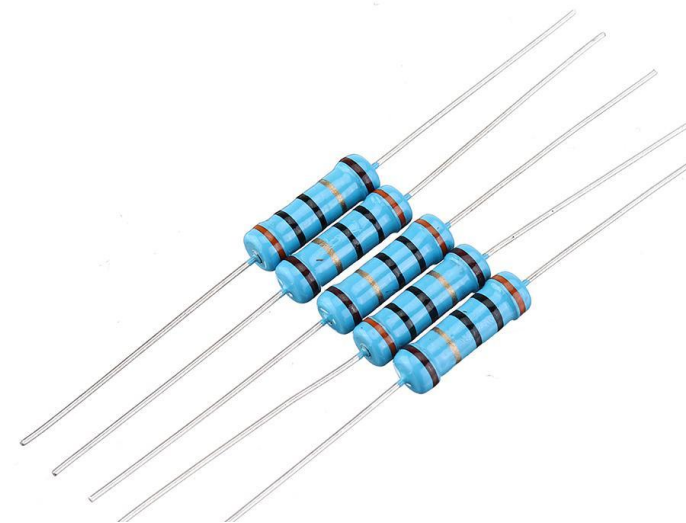
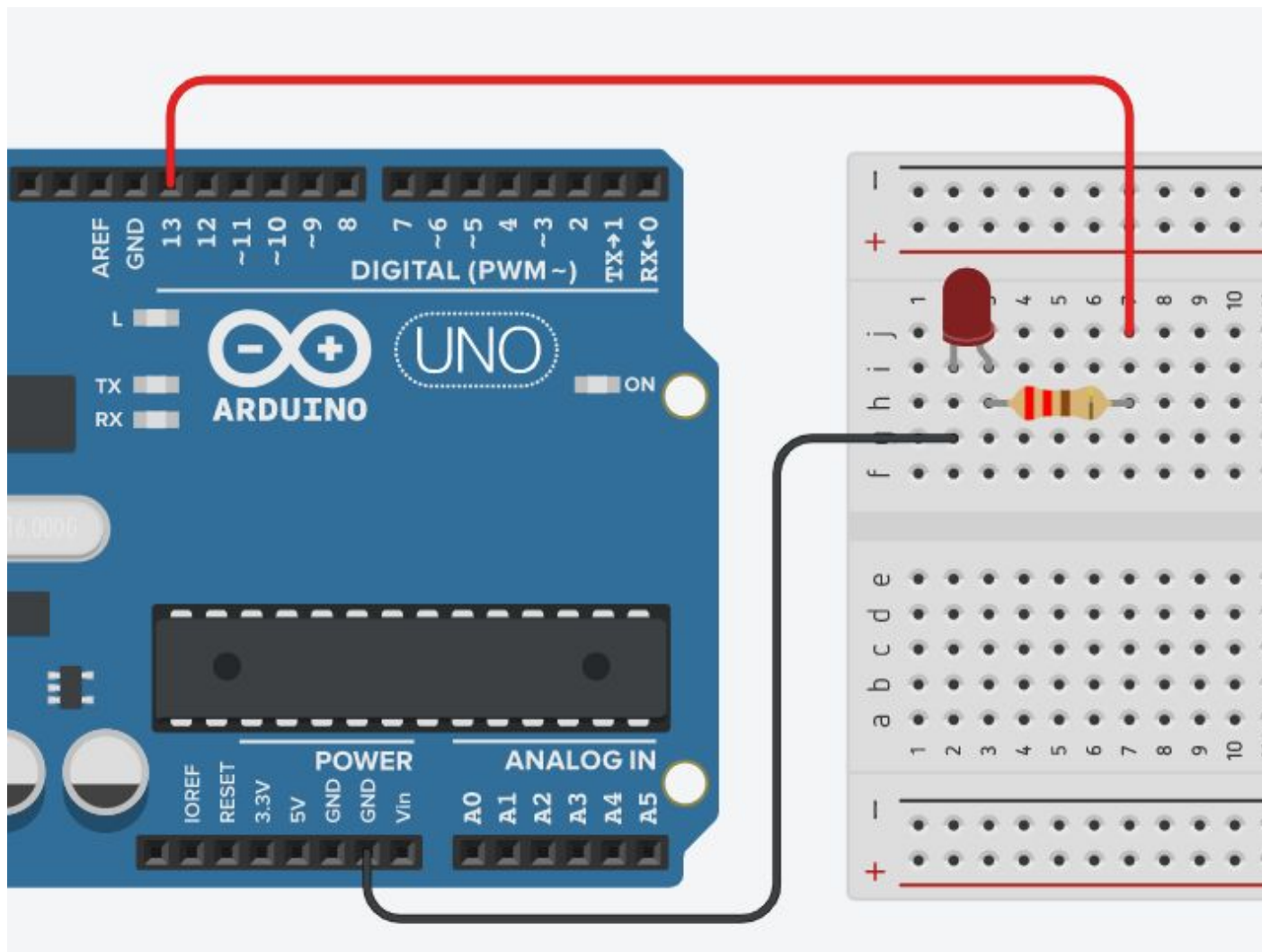
GND

VIN

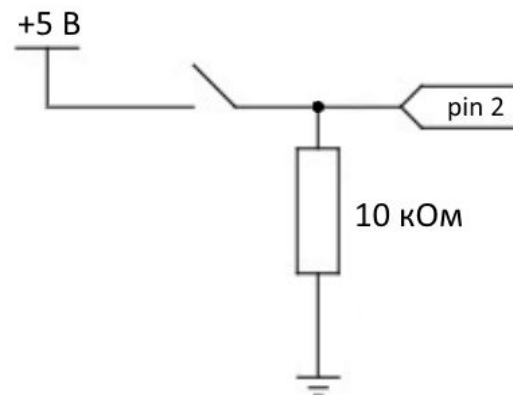
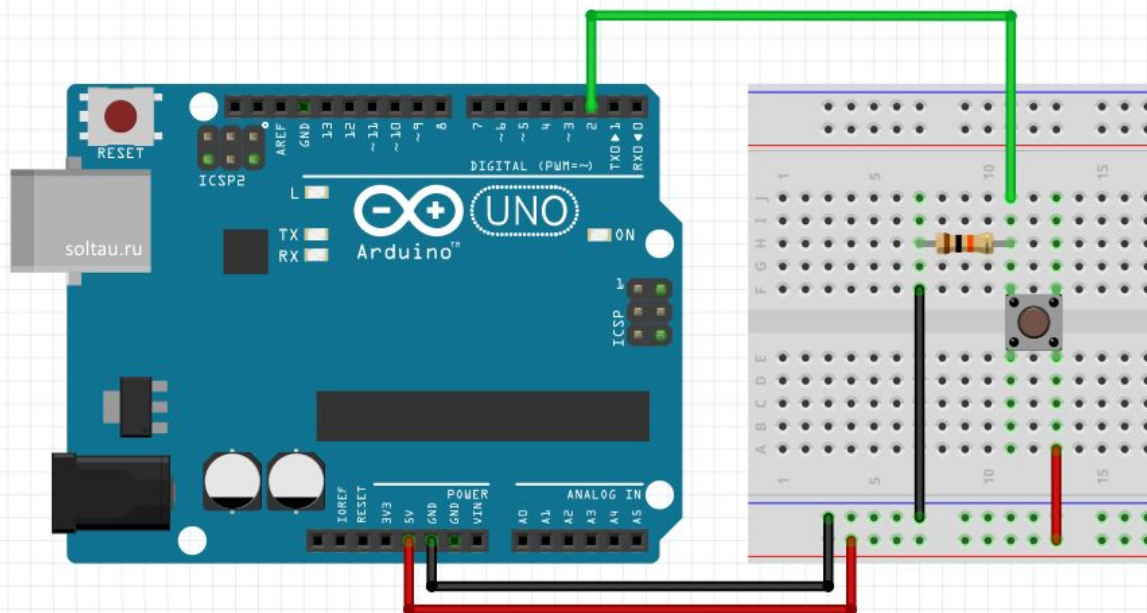
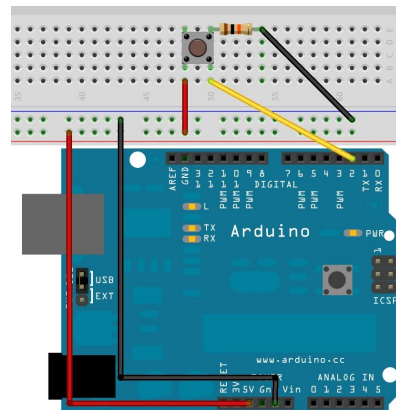
POWER

ANALOG IN

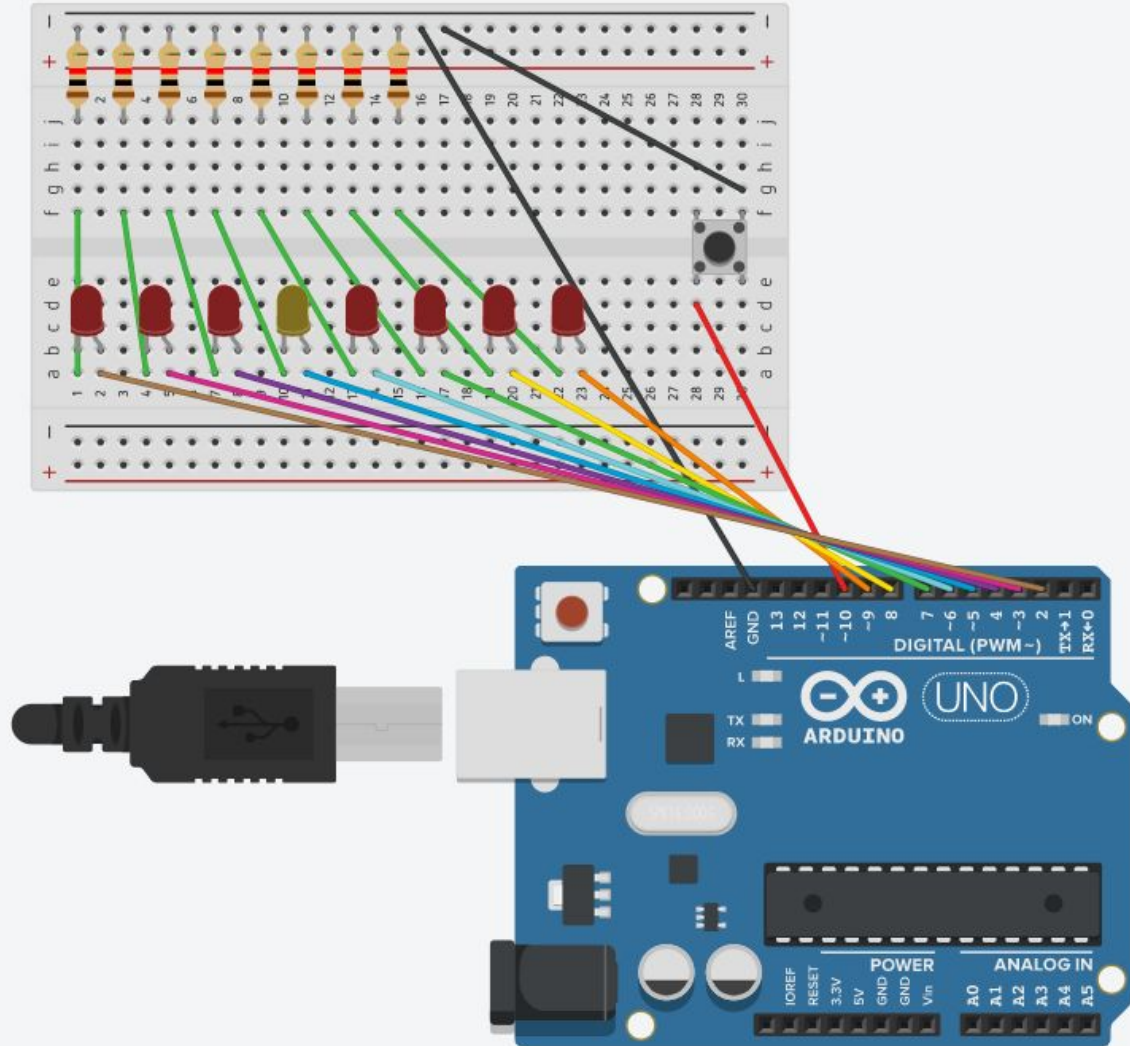
Диод



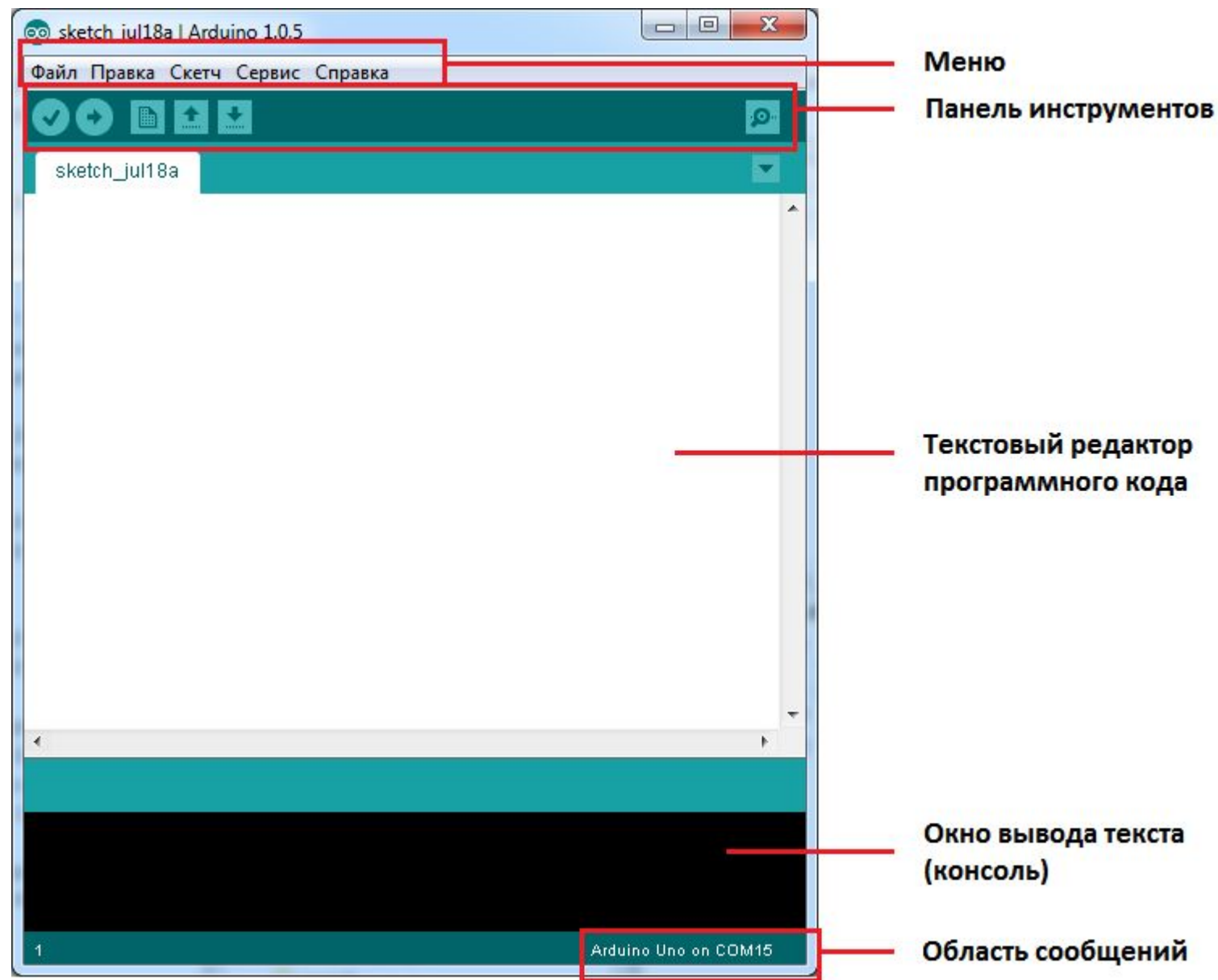
Кнопка



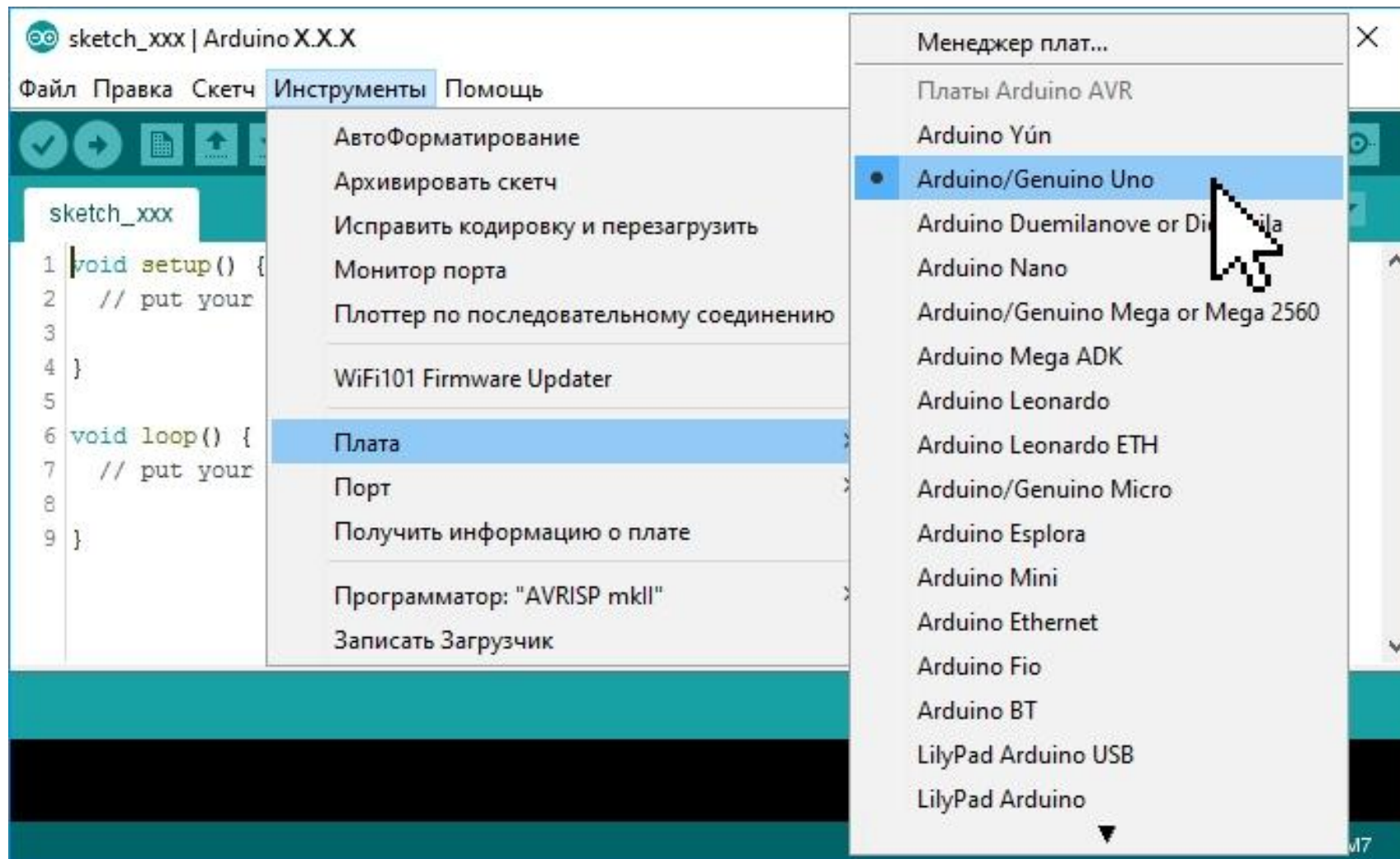
Подключение



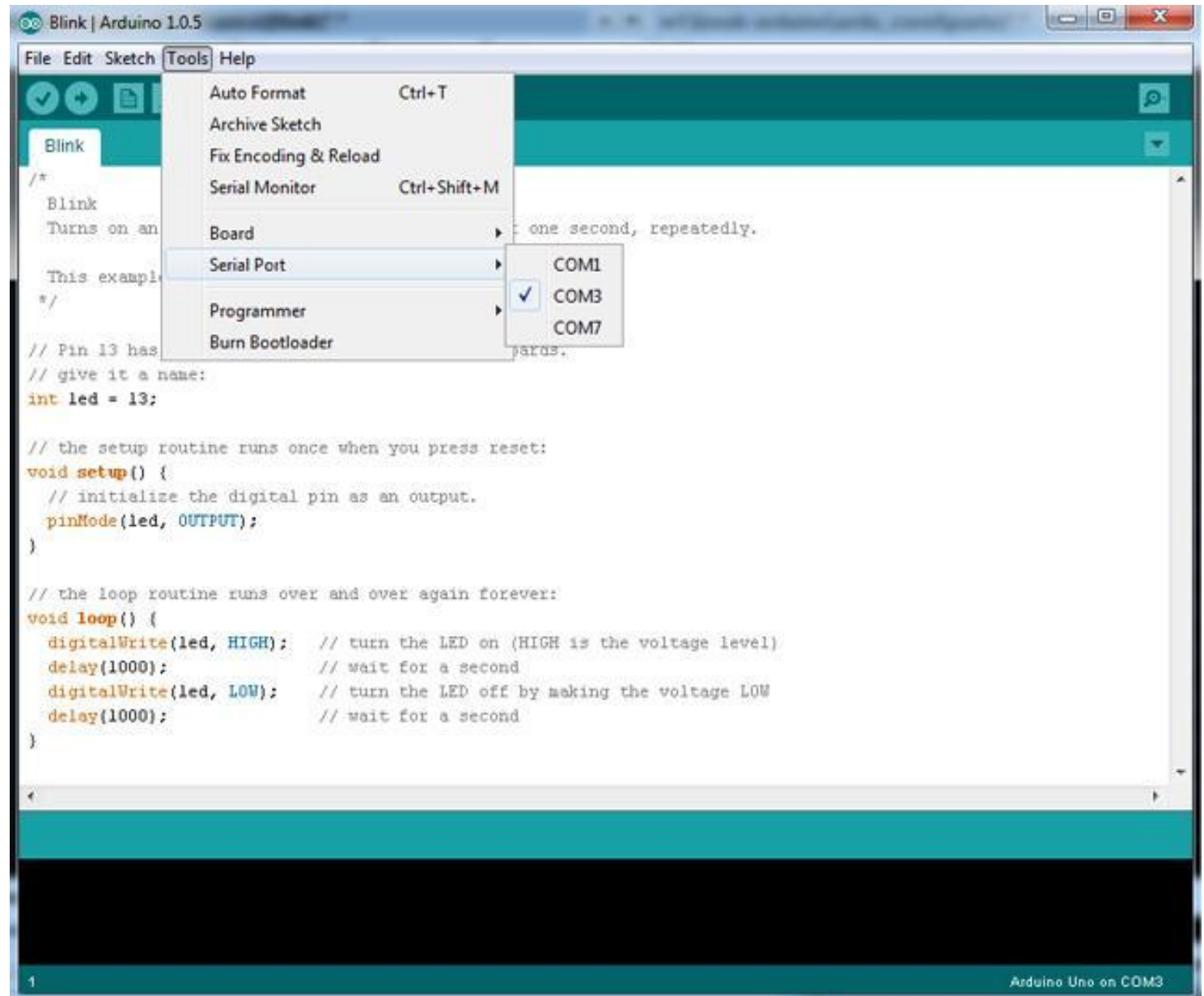
Arduino IDE



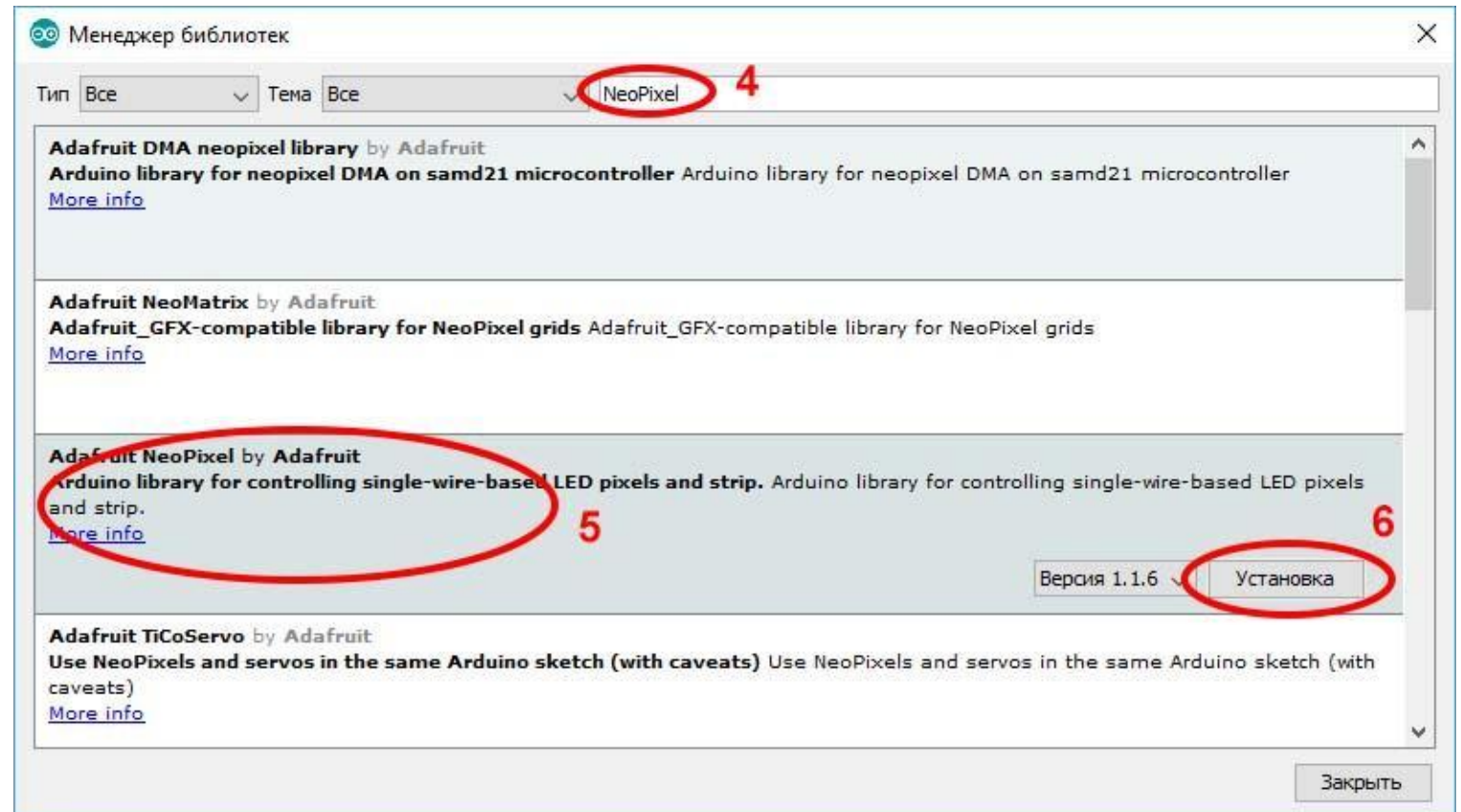
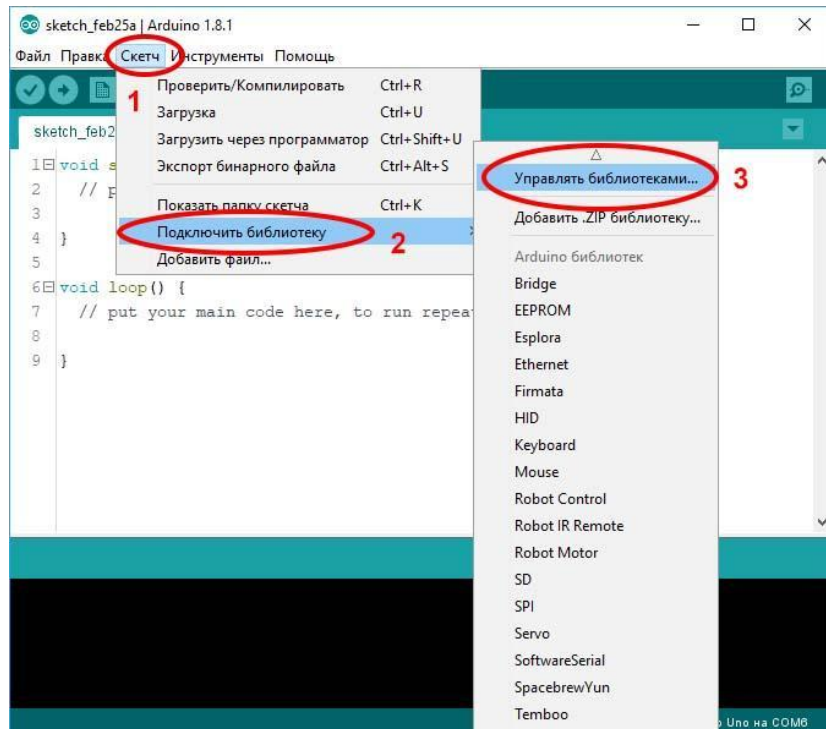
Выбор платы



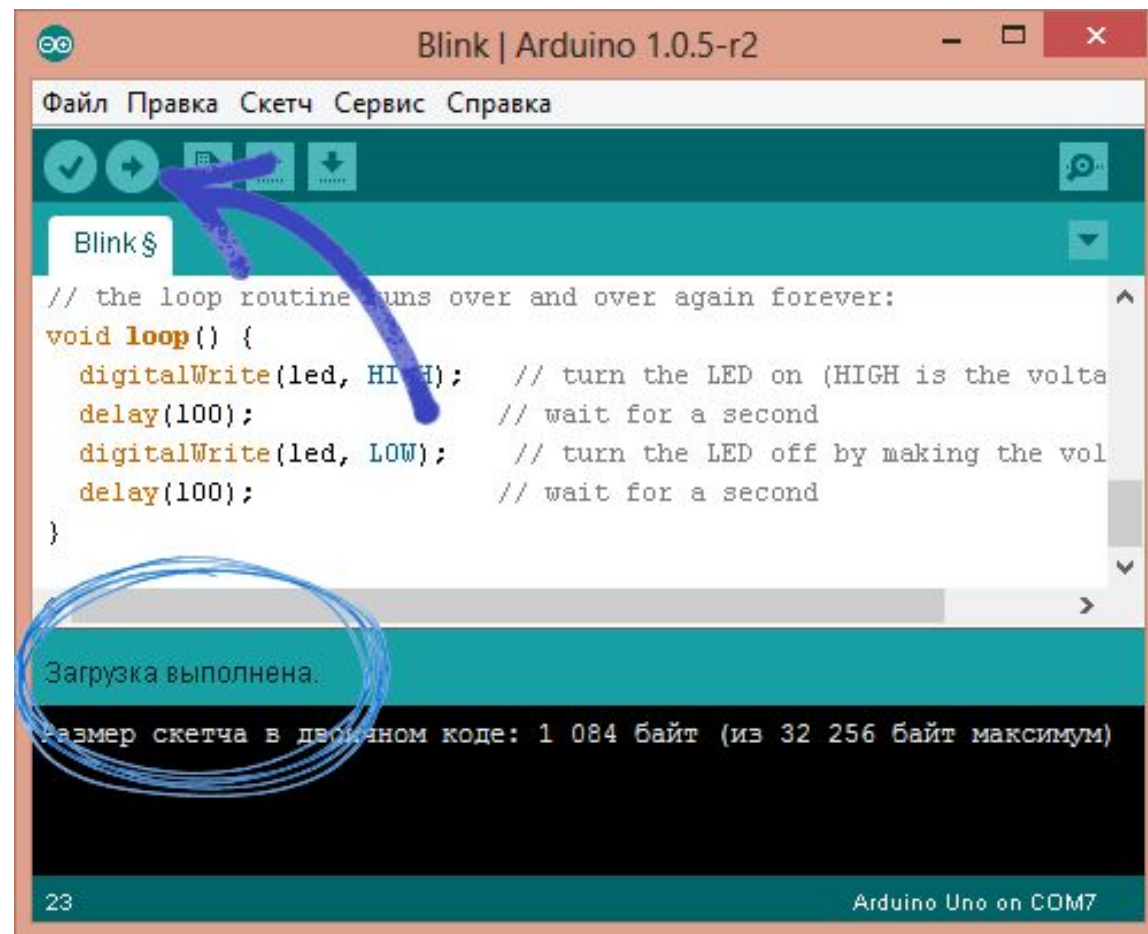
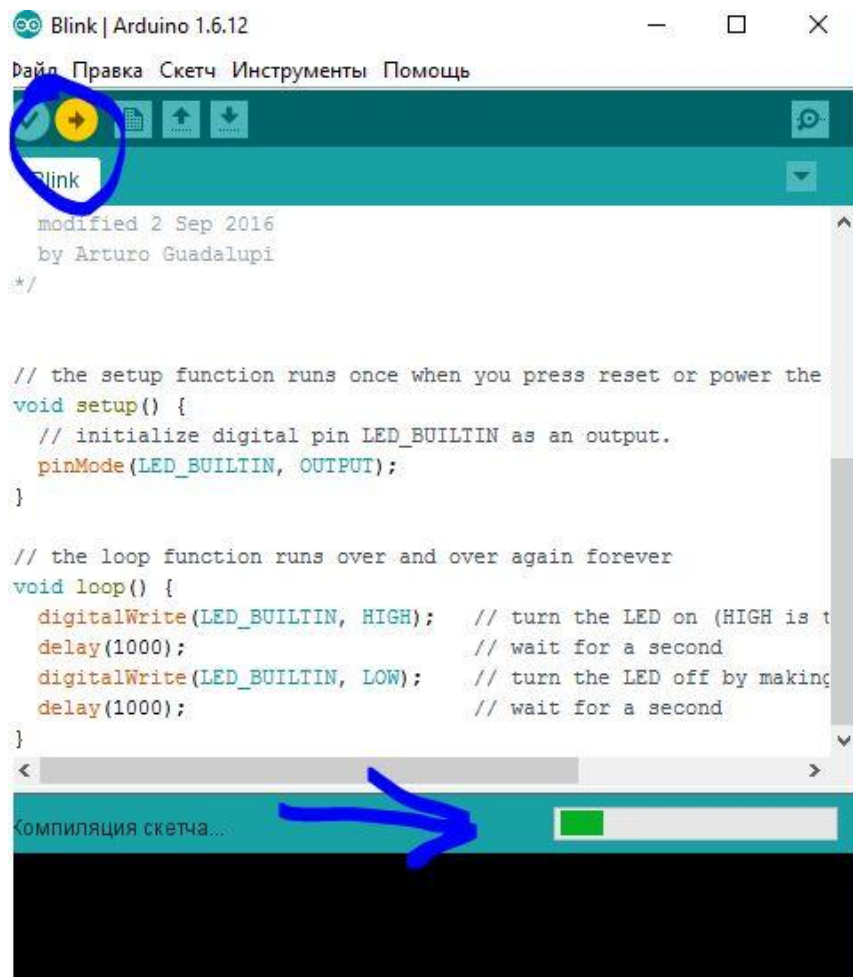
Выбор порта



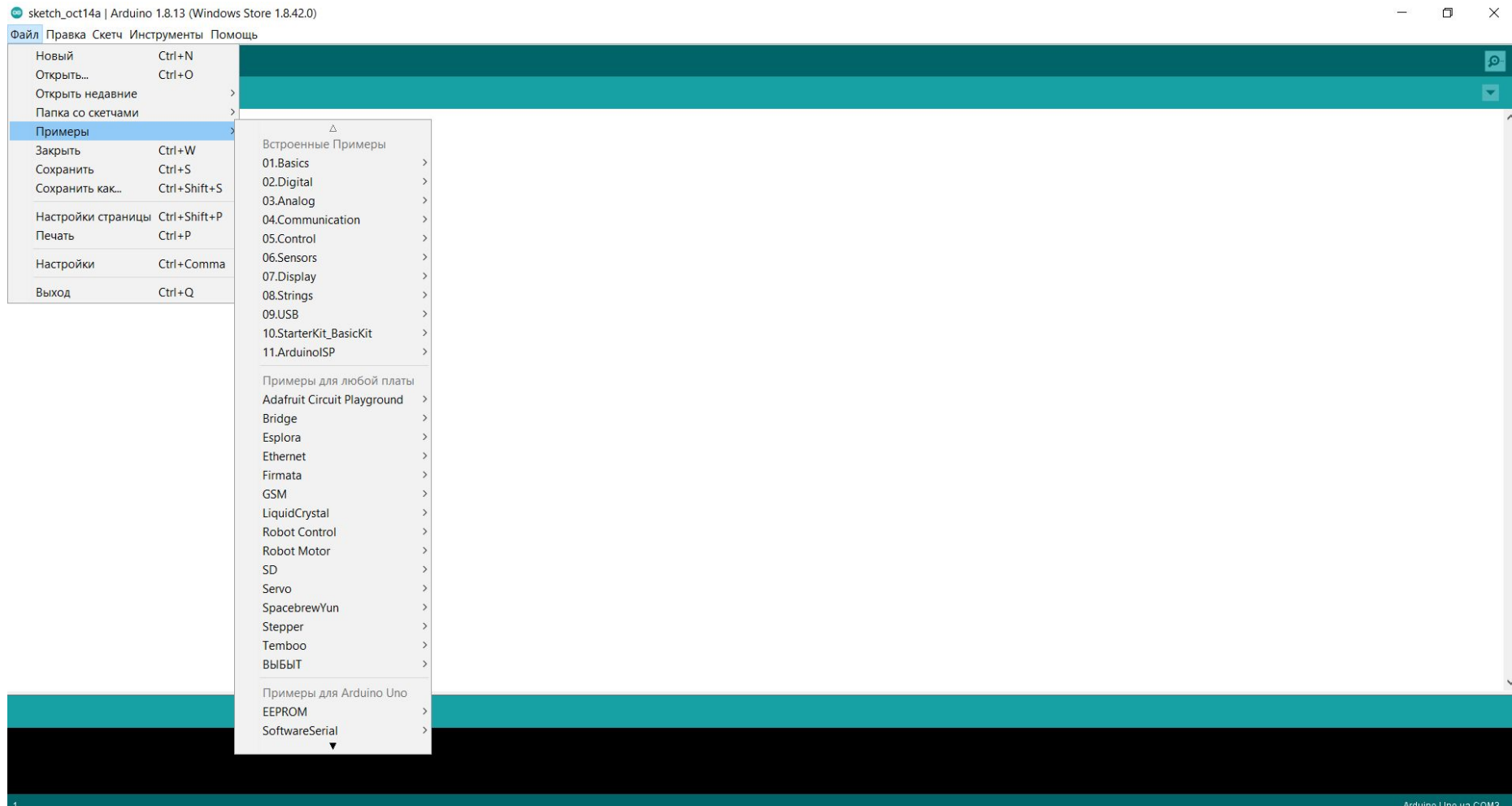
Подключение библиотек



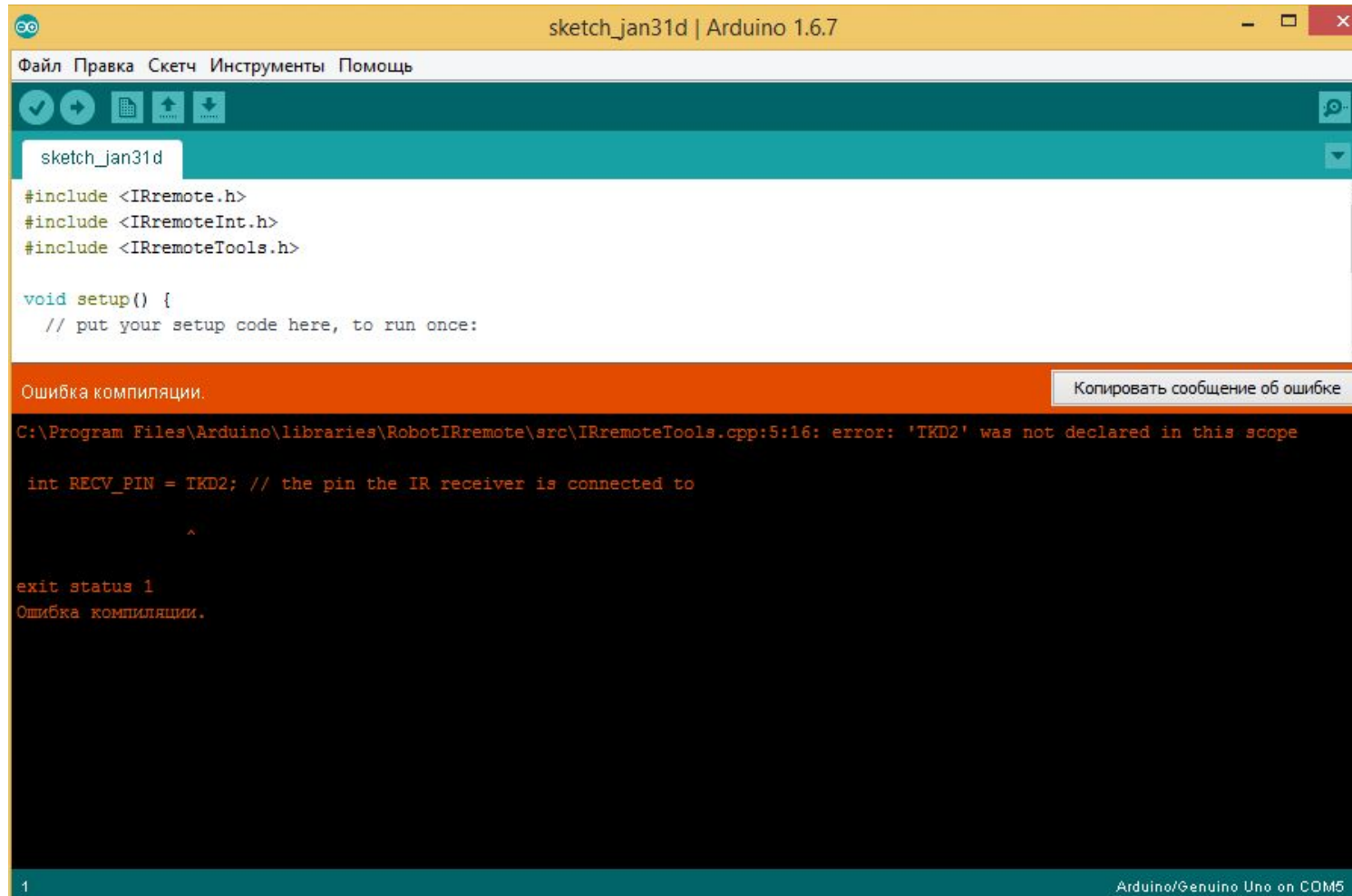
Загрузка программного кода



Готовые примеры кода



Ошибки в консоли



The screenshot shows the Arduino IDE interface. The title bar reads "sketch_jan31d | Arduino 1.6.7". The menu bar includes "Файл", "Правка", "Скетч", "Инструменты", and "Помощь". The toolbar contains icons for opening, saving, and running. The sketch name "sketch_jan31d" is displayed in the top left. The code editor shows the following code:

```
#include <IRremote.h>
#include <IRremoteInt.h>
#include <IRremoteTools.h>

void setup() {
  // put your setup code here, to run once:
}
```

Below the code editor, an orange bar indicates a compilation error. A button "Копировать сообщение об ошибке" is located to the right of the error bar. The error message in the console is:

```
C:\Program Files\Arduino\libraries\RobotIRremote\src\IRremoteTools.cpp:5:16: error: 'TKD2' was not declared in this scope

int RECV_PIN = TKD2; // the pin the IR receiver is connected to
                ^
exit status 1
Ошибка компиляции.
```

The status bar at the bottom shows "1" on the left and "Arduino/Genuino Uno on COM5" on the right.

Фото готового устройства

