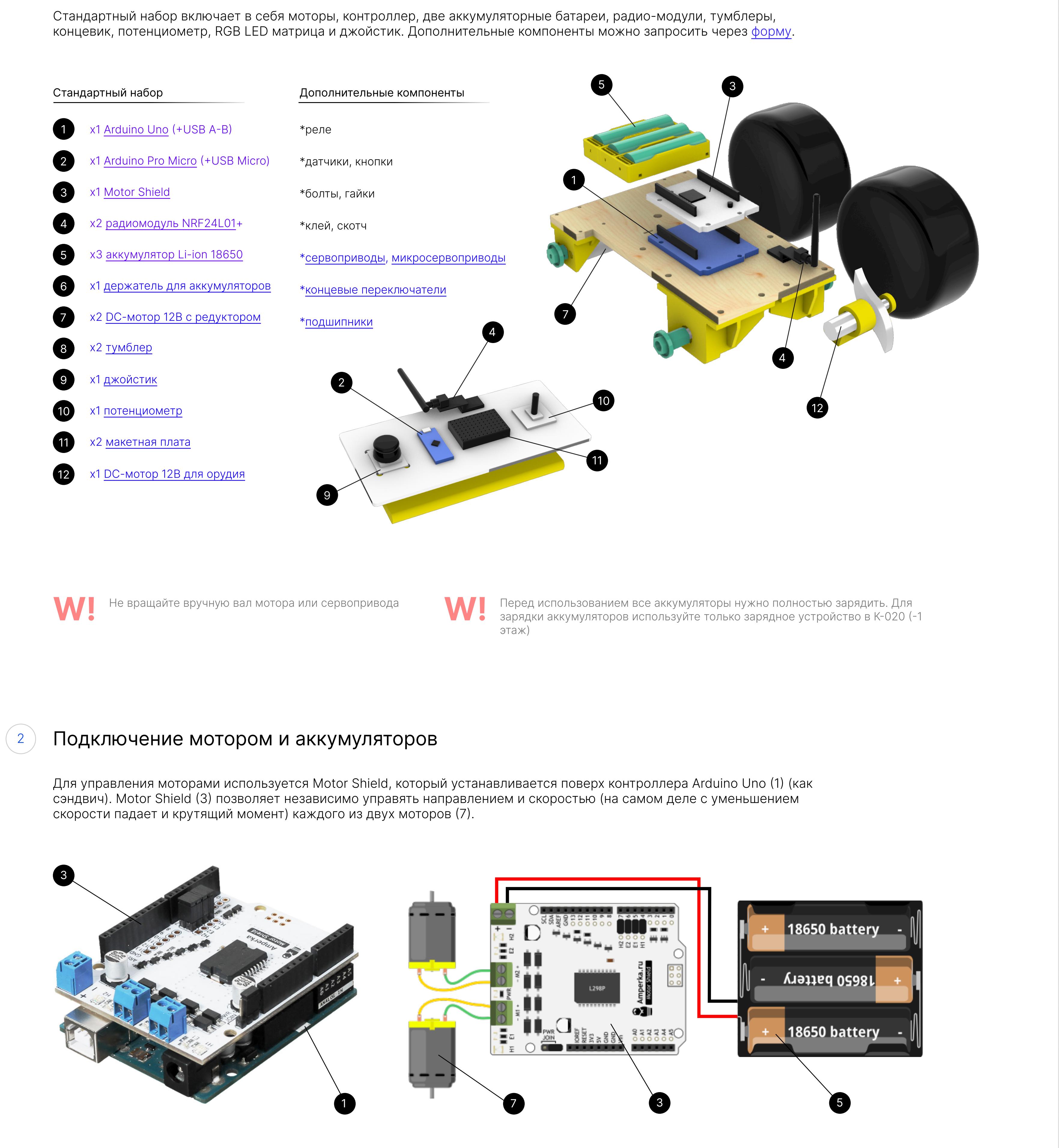
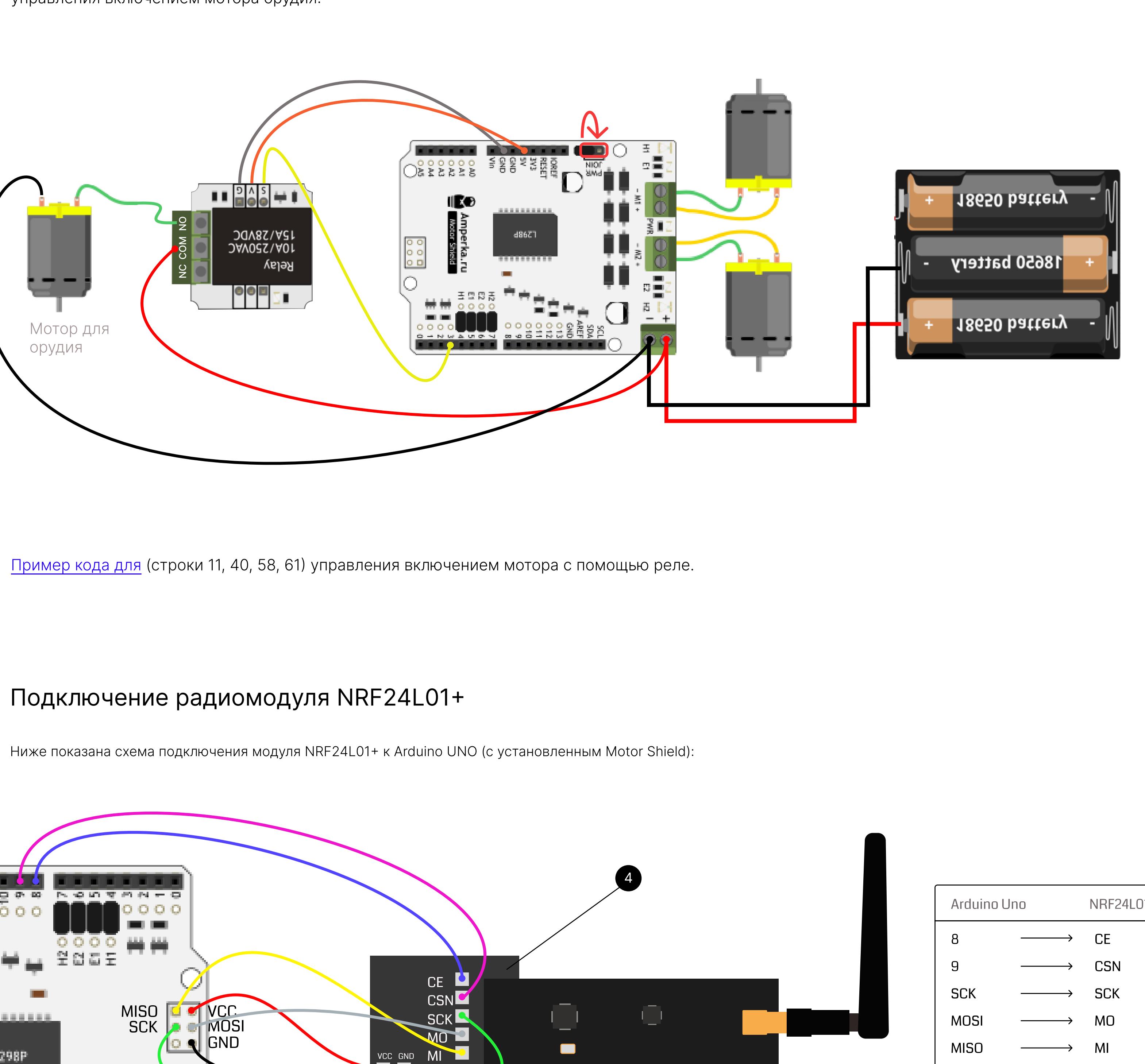


A close-up, perspective view of a black wheel assembly. The wheel is mounted on a yellow frame, which includes a green hub and a wooden component. A line extends from the text 'Ходовая' to the left side of the wheel.

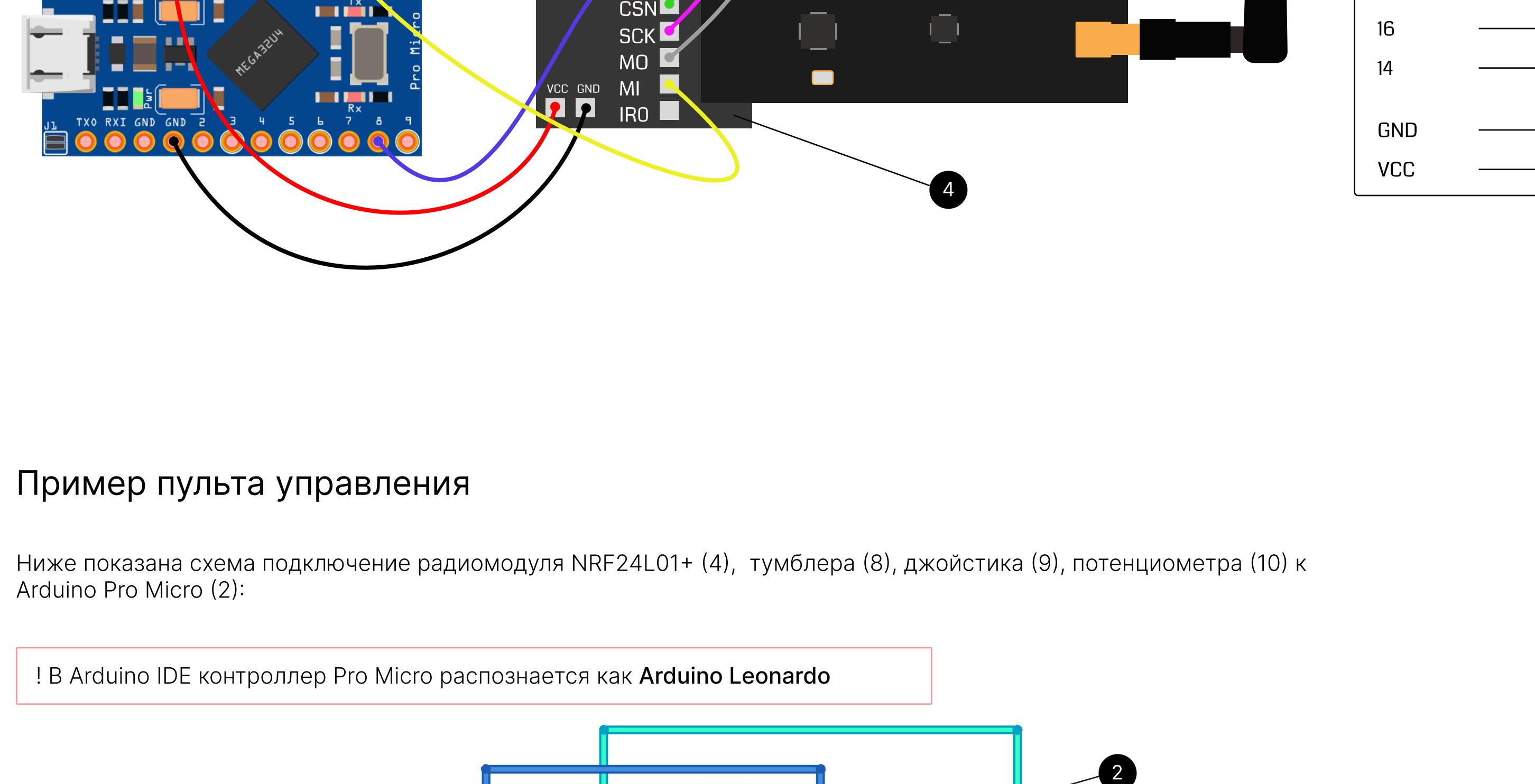


A diagram showing a battery connected to a circuit. A red wire is highlighted with a red arrow pointing to it. The battery has a yellow top and a grey base. It is connected to a yellow terminal block. From the terminal block, a red wire goes to a green component, which then connects to another yellow terminal block. This second terminal block is connected to a yellow wire that goes to a black and yellow component. A red wire also connects the green component to this black and yellow component.



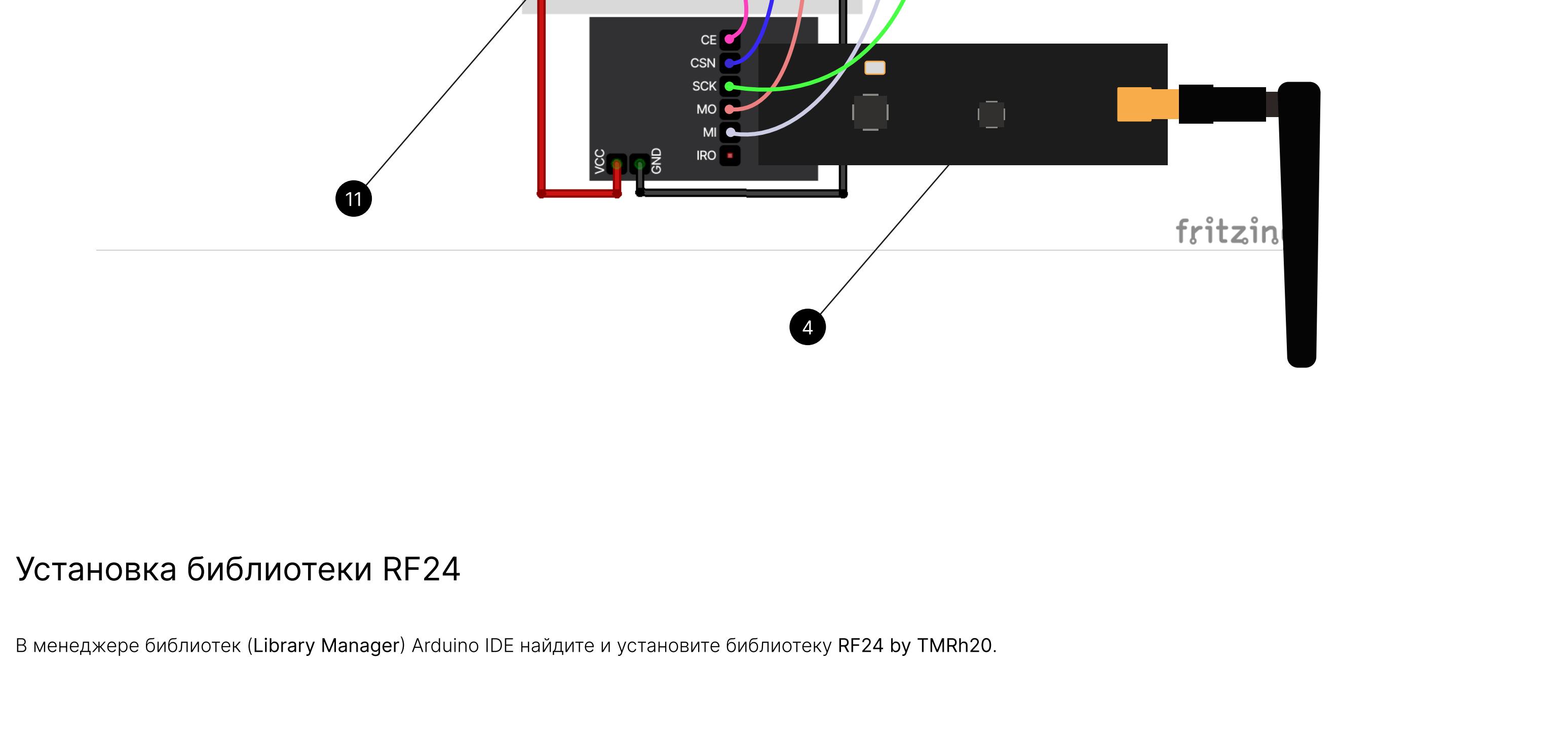
Ниже показана схема подключения модуля NRF24L01+ к Arduino Pro Micro:

A diagram illustrating a function's behavior. It features two nested, concave-downward curves: an inner magenta curve and an outer green curve. A horizontal line segment connects a point labeled '2' (inside a black circle) to the left side of the green curve, indicating a specific input value.



The diagram illustrates the connection setup for a servo motor. A grey breadboard is at the bottom. On the left, a black servo motor is connected to the breadboard via red, black, and green wires. A red 'Analog Joystick' module is connected to the breadboard via a red wire. Above the breadboard, a blue 'Pro Micro' microcontroller is shown. Various colored wires connect the Pro Micro to the breadboard and the servo motor. A callout circle labeled '10' points to the connection between the Pro Micro's digital pin 10 and the breadboard.

8

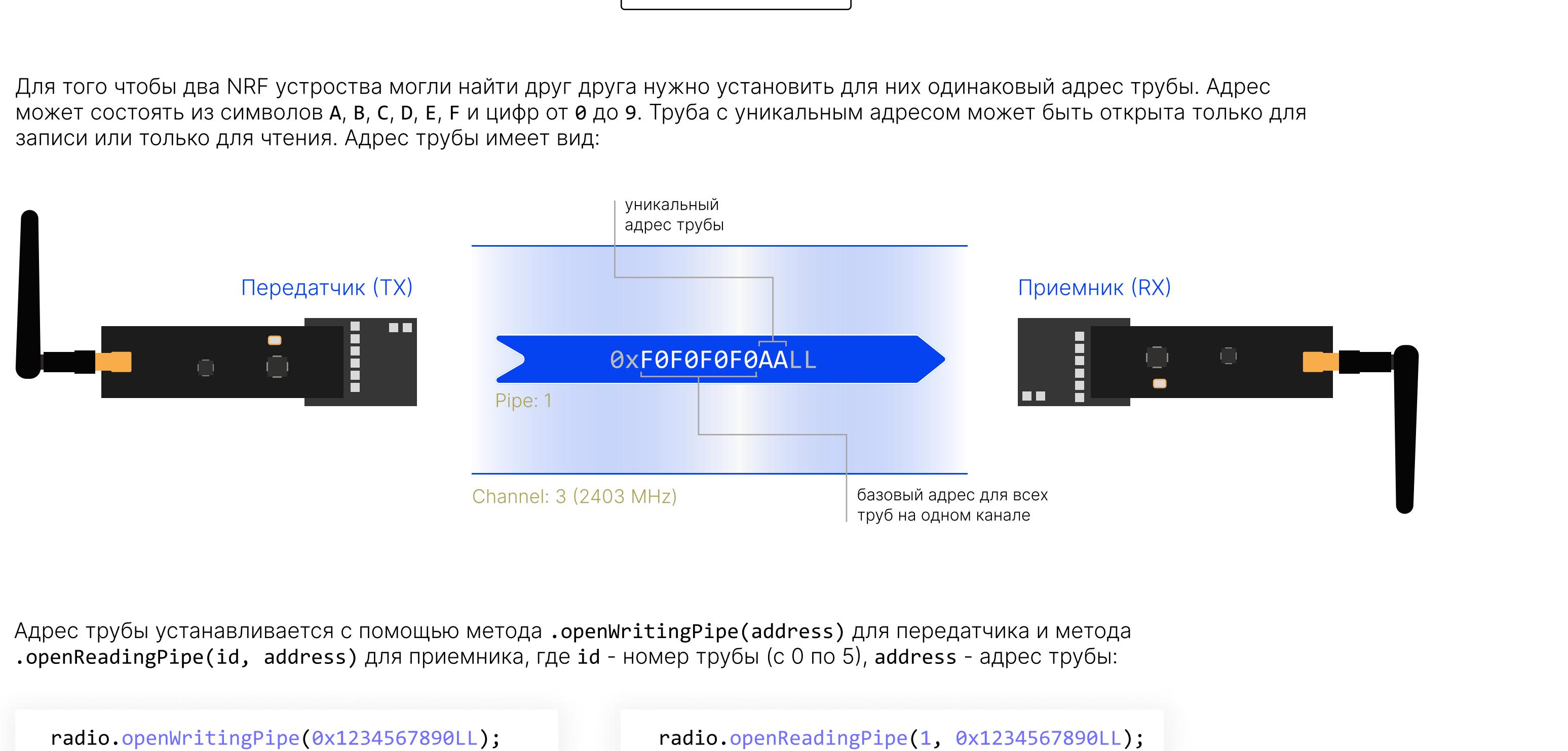


Работа с модулем NRF24L01+

```
radio.setChannel(3);
```

Скорость передачи данных устанавливается с помощью метода `.setDataRate(rate)`, где rate принимает одно из следующих значений: `RF24_250KBPS`, `RF24_1MBPS`, `RF24_2MBPS`:

Мощность передатчика (чем больше расстояние между устройствами, тем большая мощность необходима) устанавливается с помощью метода `.setPALevel(level)`, где `level` принимает одно из следующих значений: RF24_PA_RF24_PA_LOW, RF24_PA_HIGH, RF24_PA_MAX:



Пример кода для передатчика (пульт)

```
RF24 radio(8, 10); // CNS, CE  
int data[2];  
  
void setup() {  
    radio.begin();  
    radio.setChannel(1);  
}  
  
void loop() {  
    if (radio.available()) {  
        radio.read(data, sizeof(data));  
        Serial.print("Received data: ");  
        Serial.println(data[0]);  
    }  
}
```

```
    radio.openWritingPipe(0x1234567890LL);
}
void loop() {
    data[0] = 0;
}
```

```
radio.write(&data, sizeof(data));
delay(1000);
}
}
}
```

[Весь код](#) управления роботом с помощью пульта управления (видео работы).