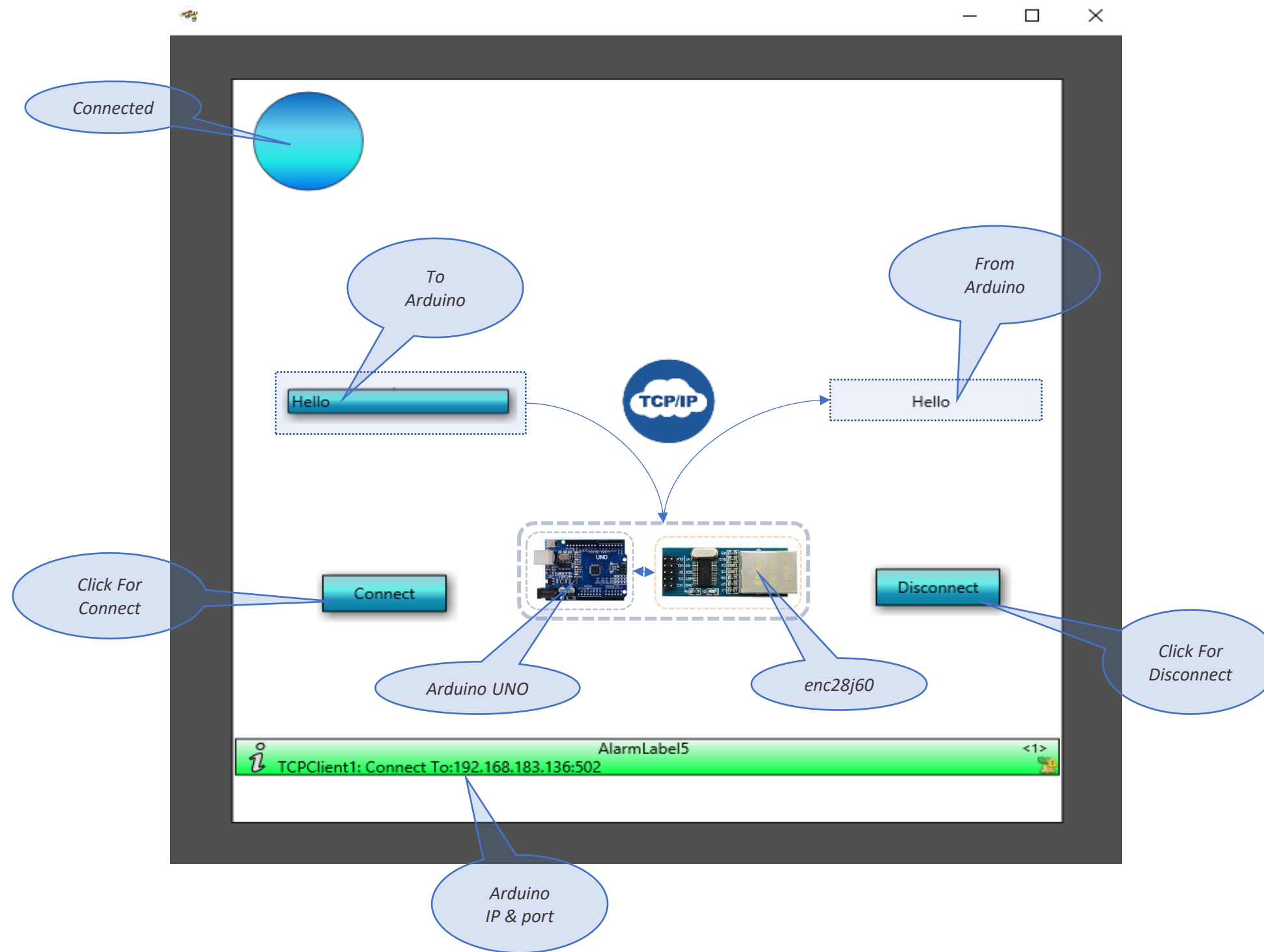
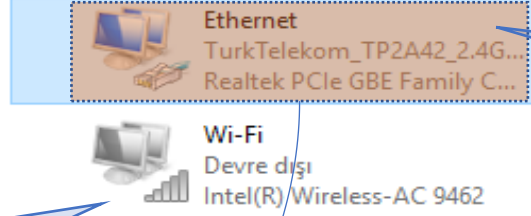
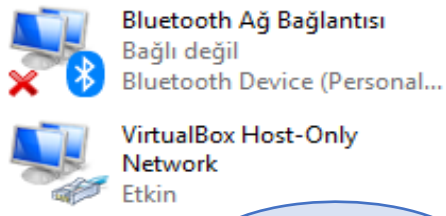


TCP Client/Server (Arduino + enc28j60)



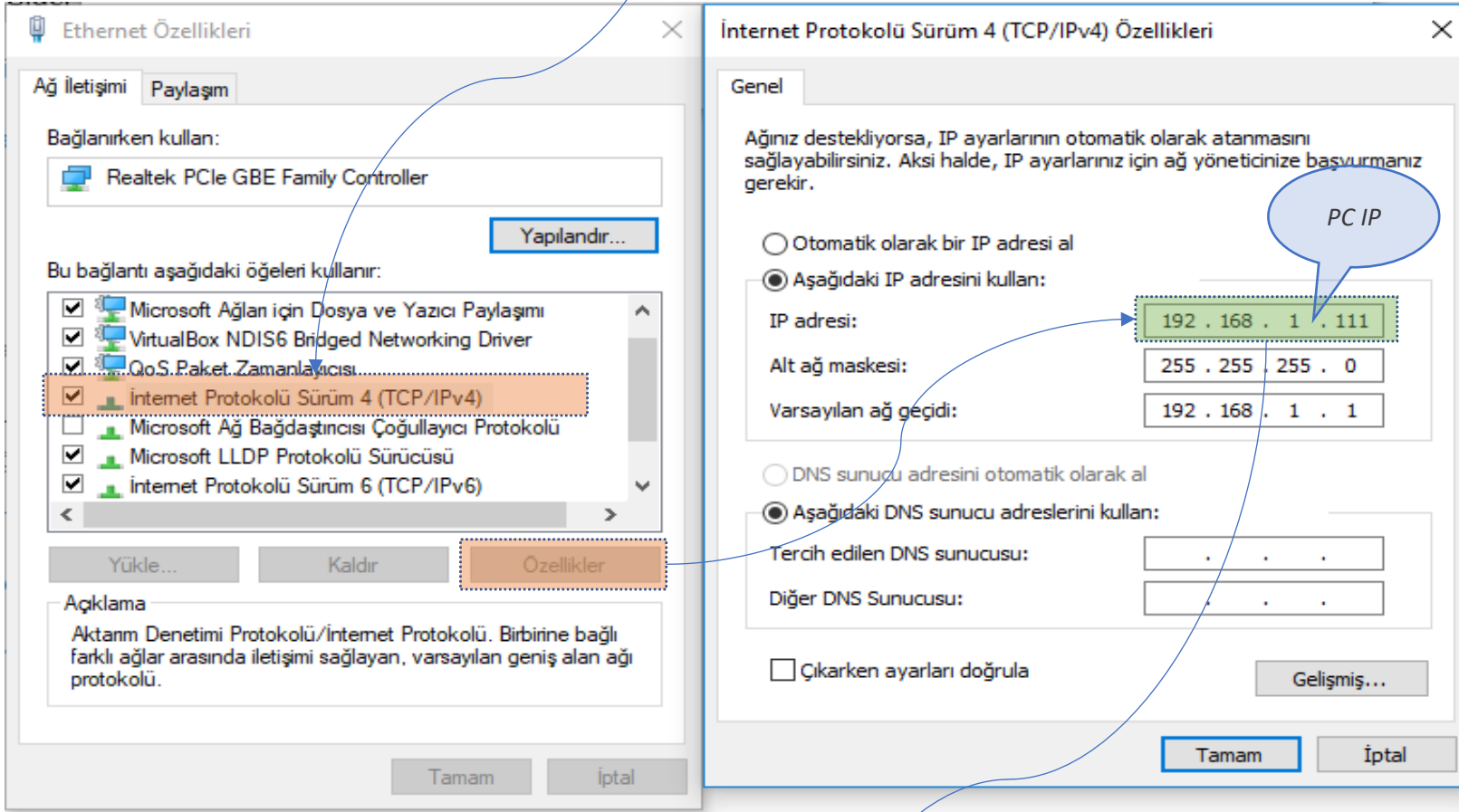
Video :
Arduino Lib.

<https://www.youtube.com/watch?v=q9kAA7ybwgl>
<https://github.com/UIPEthernet/UIPEthernet>



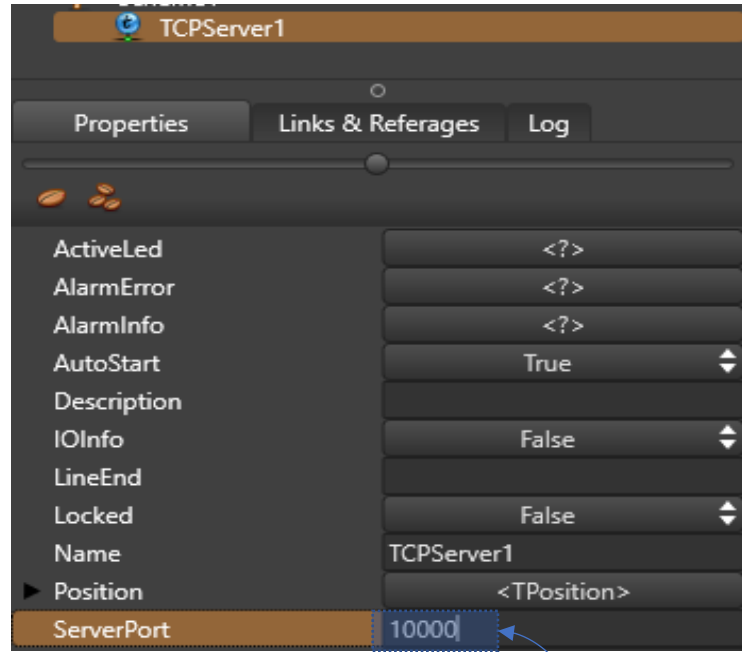
Connect To Modem

For Static IP Need Disable



Scada TCPServer

=



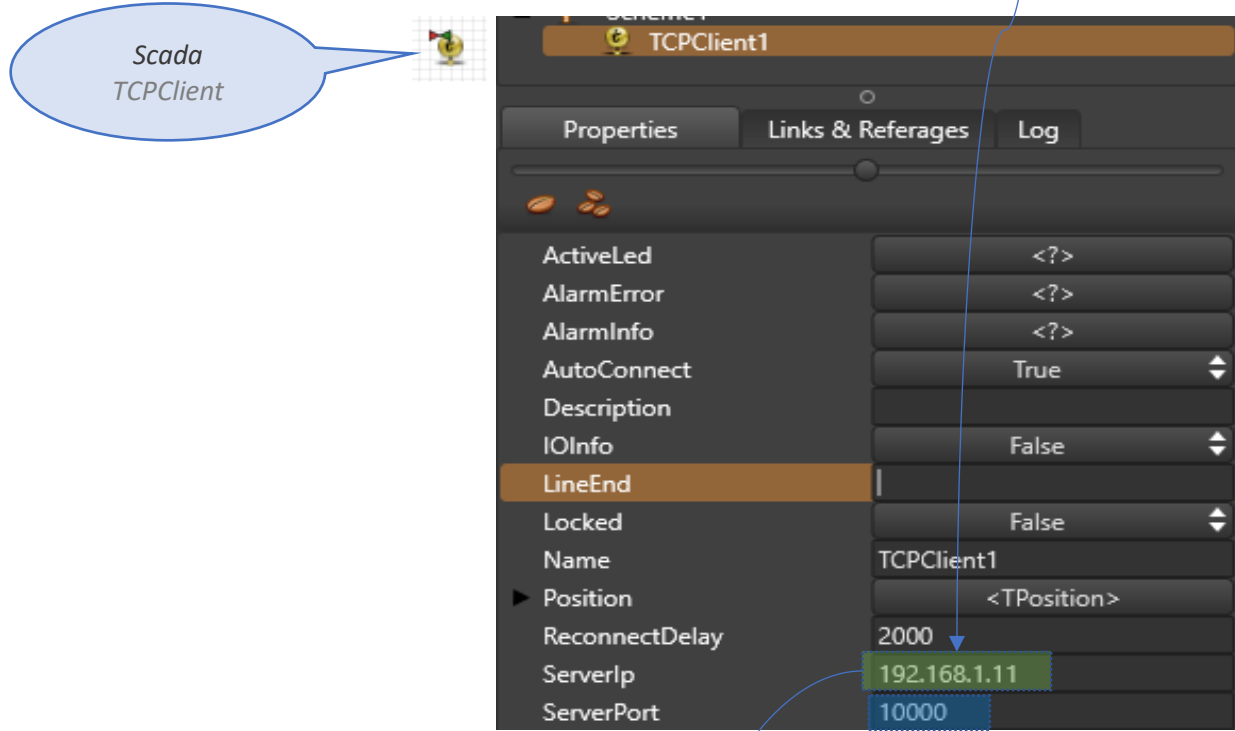
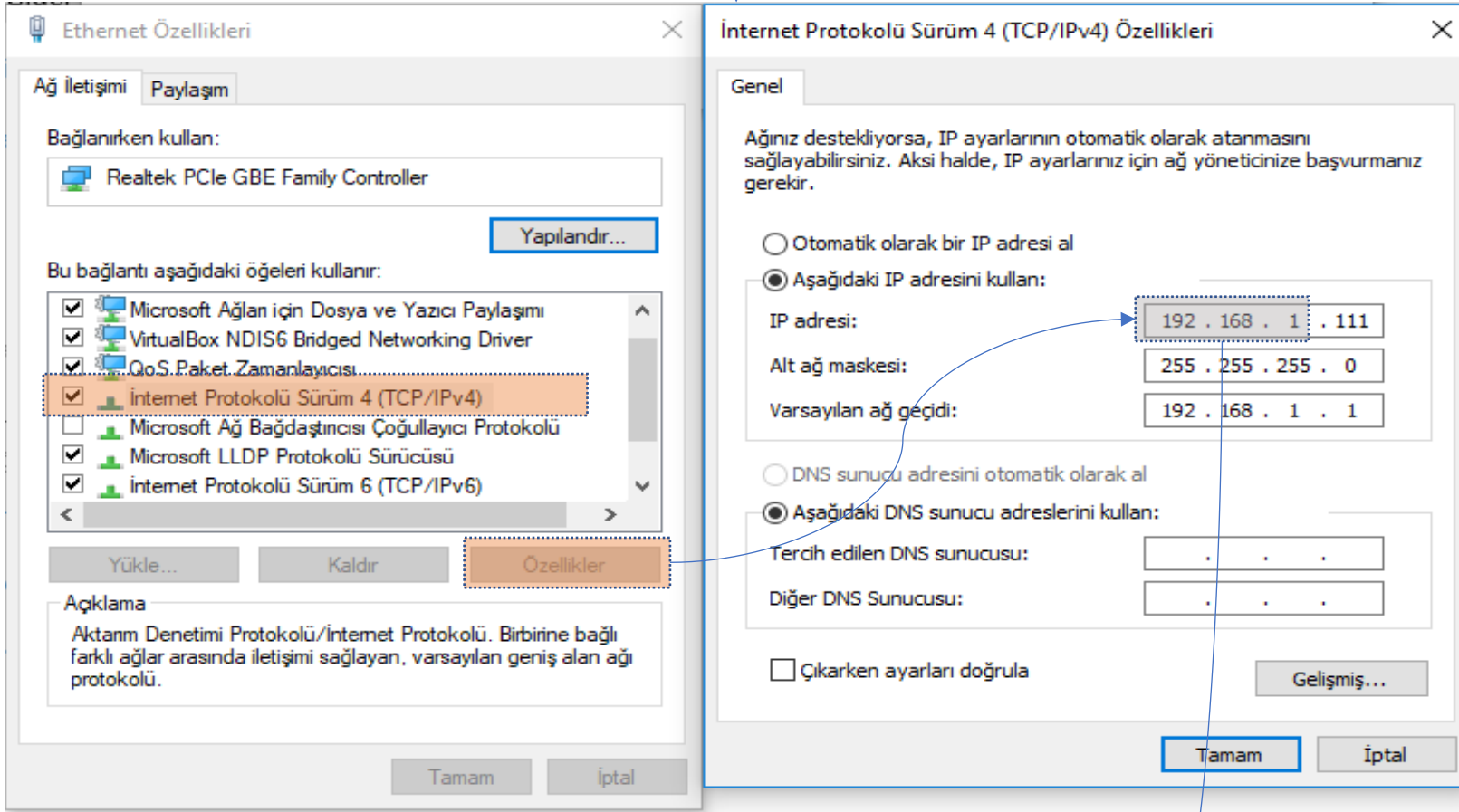
=

C++

Arduino TCP Client

```
26 // Static IP
27 IPAddress myIP(192,168,1,11);
28 Ethernet.begin(mac,myIP);

52 if (client.connect(IPAddress(192,168,1,11),10000))
```

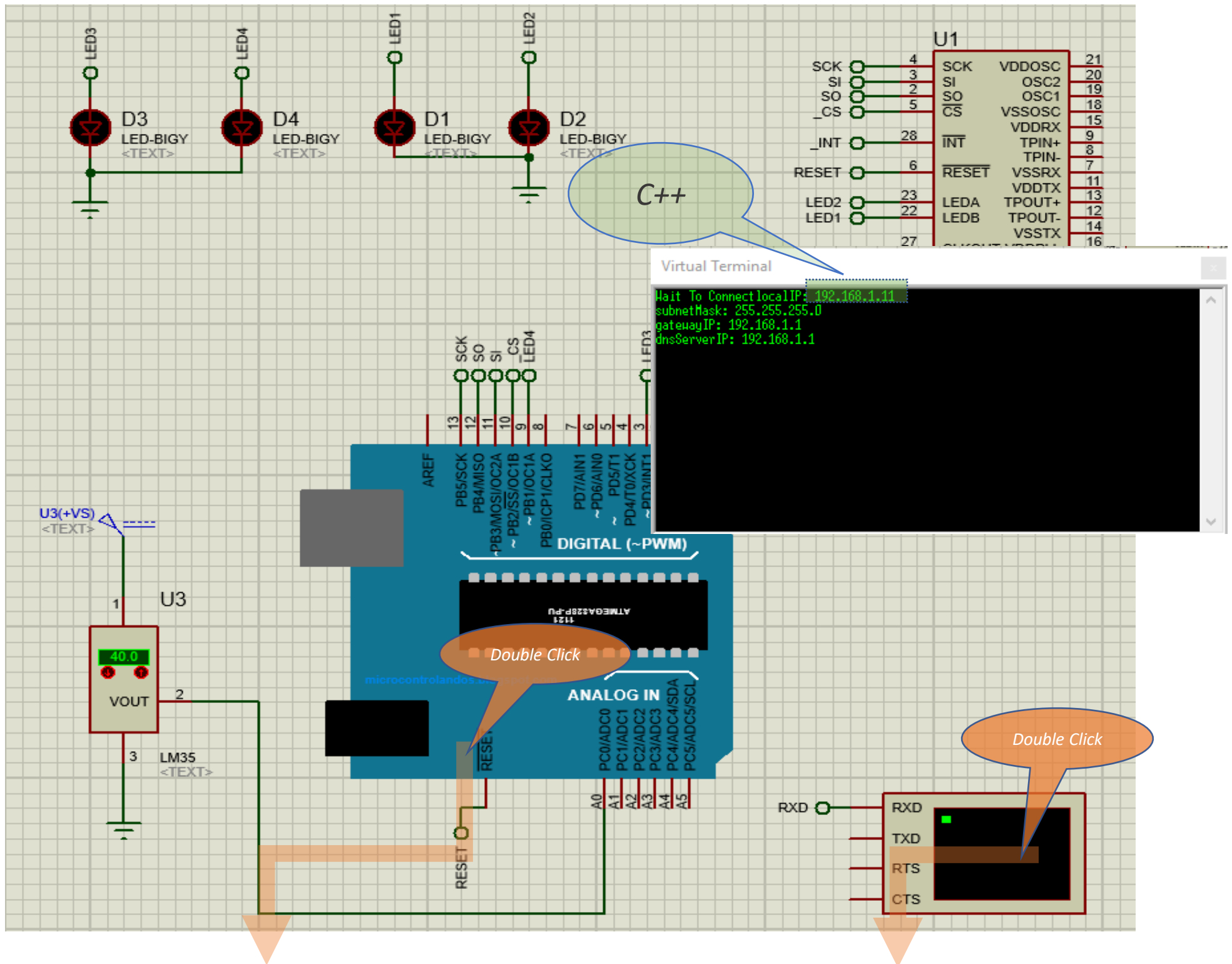


C++
Arduino

```

26 // Static IP
27 IPAddress myIP(192,168,1,11);
28 Ethernet.begin(mac,myIP);

16 EthernetServer server = EthernetServer(10000);
  
```



Edit Component

Part Reference: **DUINO1**

Part Value: **ARDUINO UNO R3**

Element: **Project Hex File**

BLOG (Direitos Autorais): **microcontrolandos.blogspot.com**

Program File: **EchoServer.ino.standard.hex**

RSTDISBL (Disable reset): **(1) Unprogrammed**

WDTON (Enable watchdog): **(1) Unprogrammed**

BOOTRST (Select Reset Vector): **(1) Unprogrammed**

CKSEL Fuses: **(0000) Ext. Clock**

Boot Loader Size: **(00) 1024 words. Starts at 0x1C1**

SUT Fuses: **(10)**

Clock Frequency: **16MHz**

NAME: **ARDUINO UNO REV3**

CLKDIV8 (Divide clock by 8): **(1) Unprogrammed**

CKOUT (Clock output): **(1) Unprogrammed**

Advanced Properties: **Disassemble Binary Code**

Buttons: **OK**, **Hidden Pins**, **Edit Firmware**, **Cancel**

Edit Component

Part Reference: **Baud Rate**

Part Value: **9600**

Element: **New**

Baud Rate: **9600**

Data Bits: **8**

Parity: **NONE**

Stop Bits: **1**

Send XON/XOFF: **No**

PCB Package: **(Not Specified)**

Advanced Properties: **RX/TX Polarity** **Normal**

Buttons: **OK**, **Help**, **Cancel**

C++
Arduino

```

18 void setup()
19 {
20   Serial.begin(9600);
21
22   uint8_t mac[6] = {0x00, 0x01, 0x02, 0x03, 0x04, 0x05};
  
```

