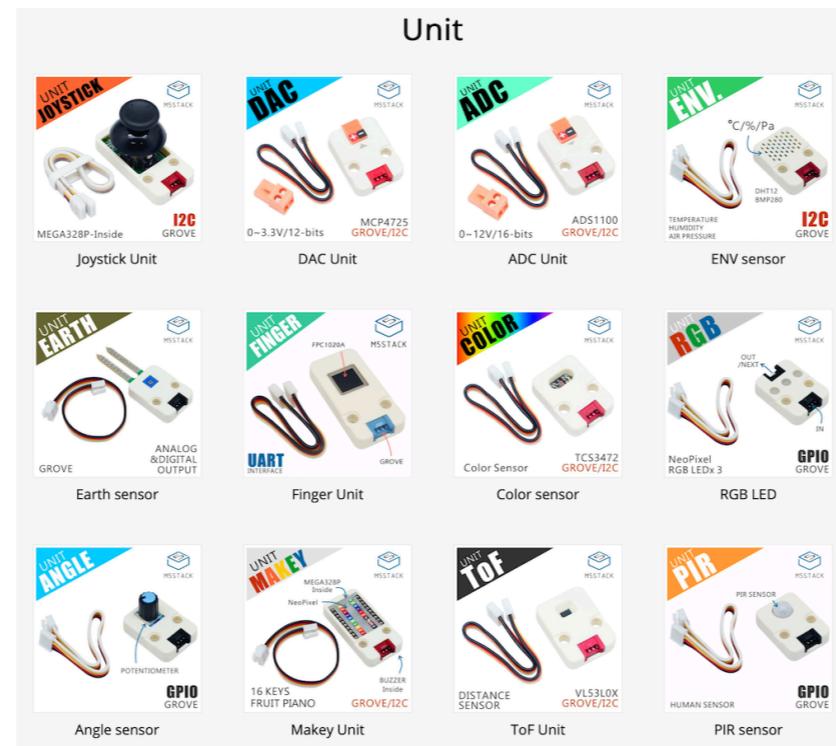


M5STACK

M5Stack - Stackable, Modular Dev Kit

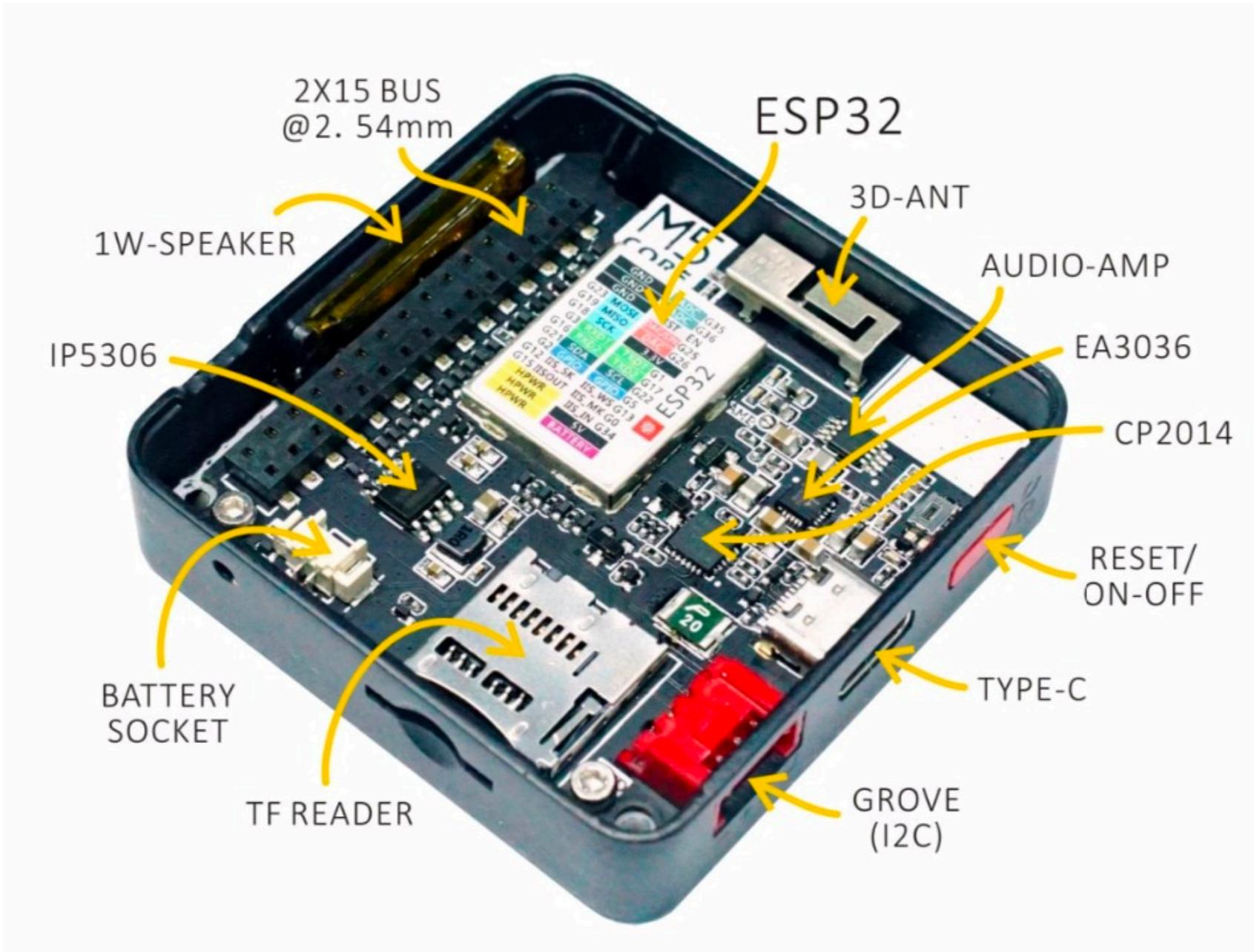
M5Stack는 **Espressif**사의 **ESP32**칩과 SD카드슬롯, 버튼, USB 및 Grove 커넥터를 5cm x 5cm 사이즈의 기판에 탑재하여 디스플레이 및 전원까지 플라스틱 케이스에 담아있는 모듈입니다. ESP32칩이 Wi-Fi와 Bluetooth를 지원

M5Core



지원하는 개발 환경

- Espressif의 ESP-IDF
- Arduino IDE
- MicroPython
- UIFlow : Blockly 기반의 온라인 코딩툴



순번	아이템	설명
1	IP5306	2.1A Charging 2.4A Discharge Highly Integrated Mobile Power SOC
2	EA3036	3CH power management IC
3	CP2014	USB-to-UART Bridge Controller

UART 드라이버

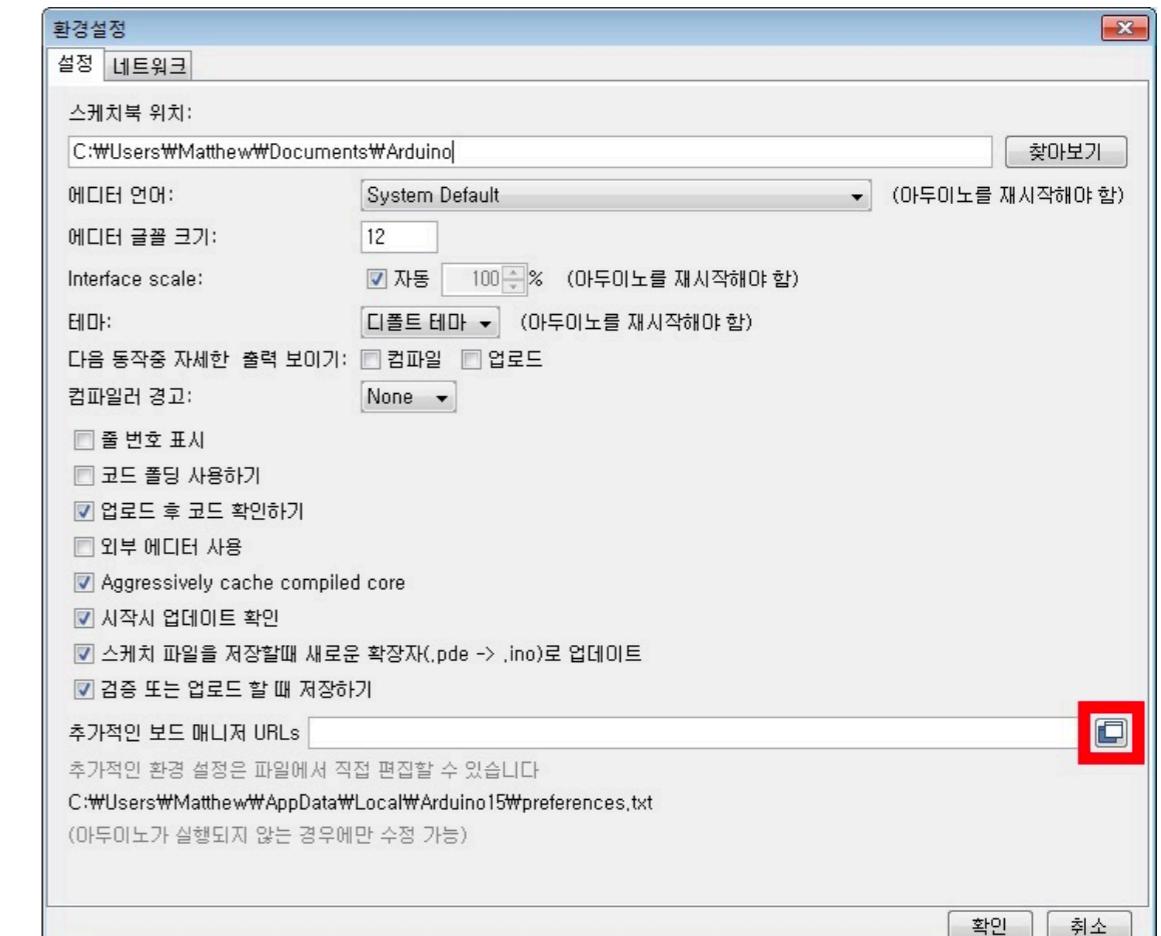
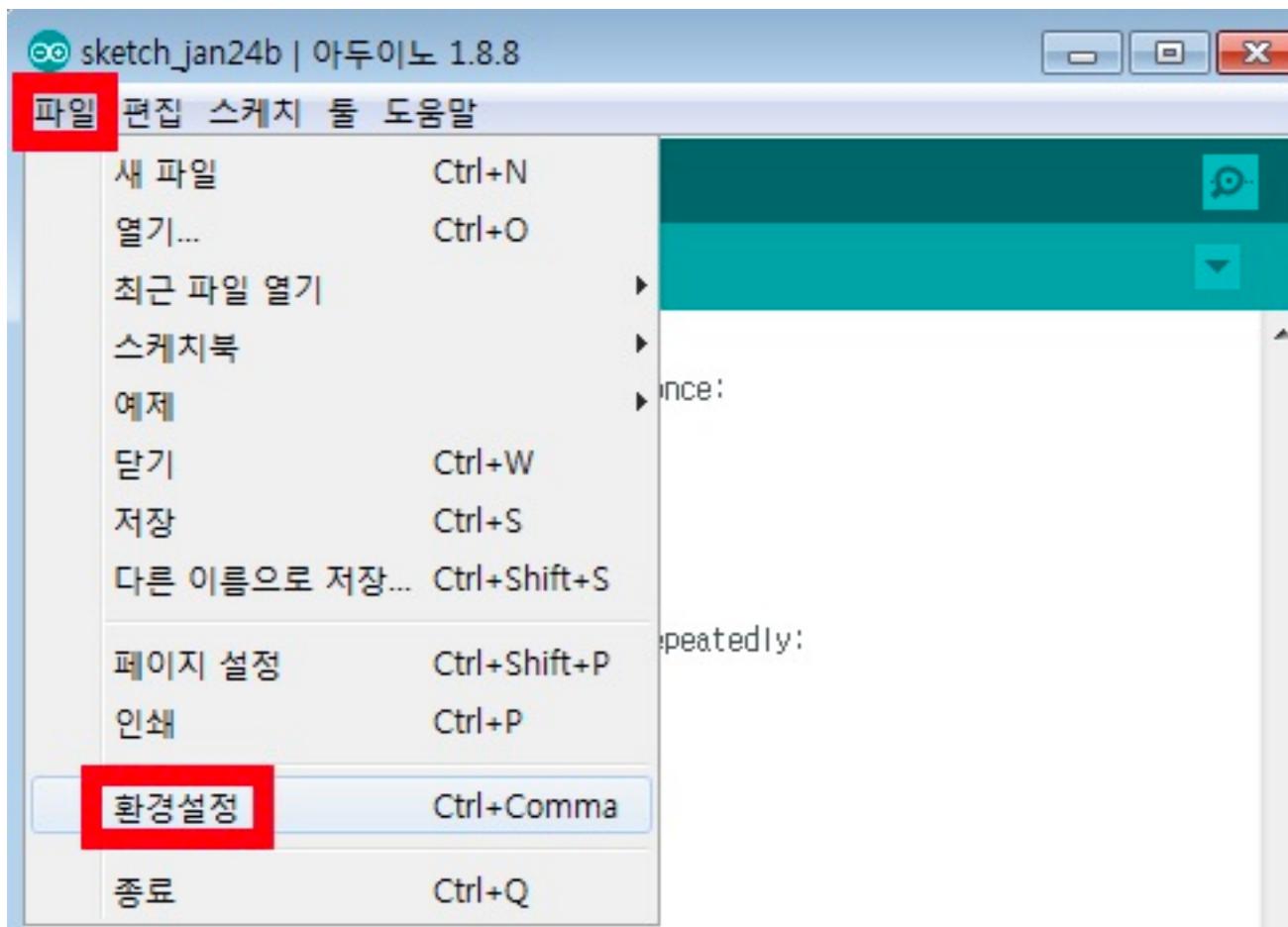
<https://www.silabs.com/products/development-tools/software/usb-to-uart-bridge-vcp-drivers>

아두이노 IDE

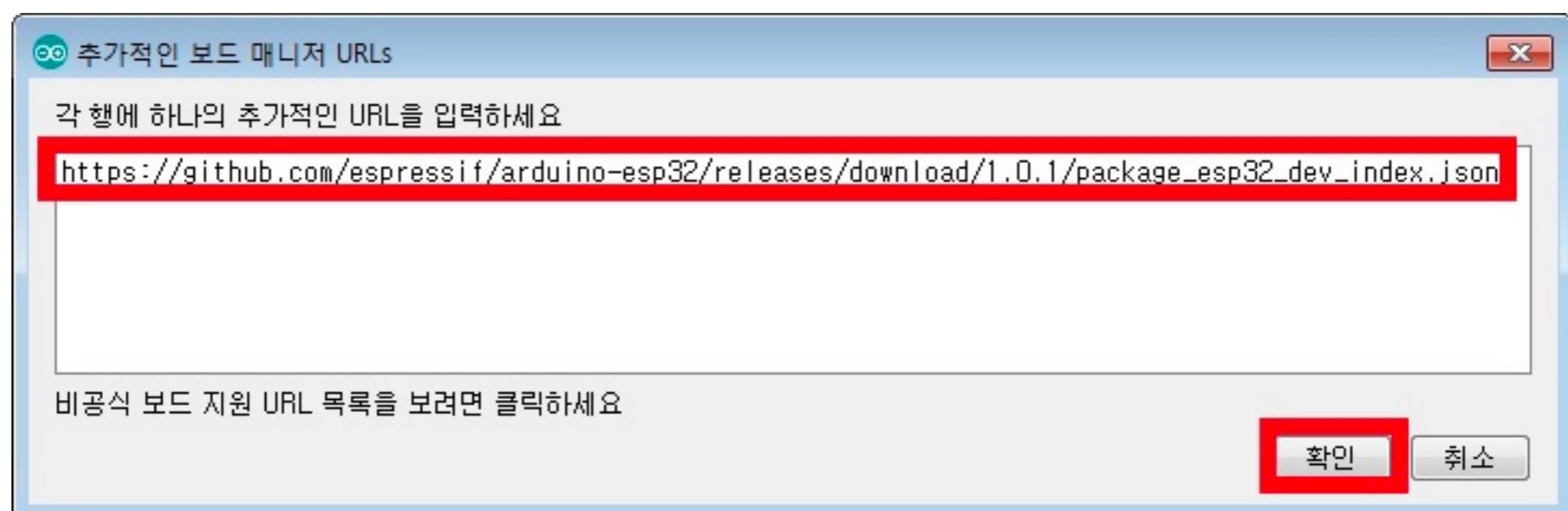
<https://www.arduino.cc/en/Main/Software>

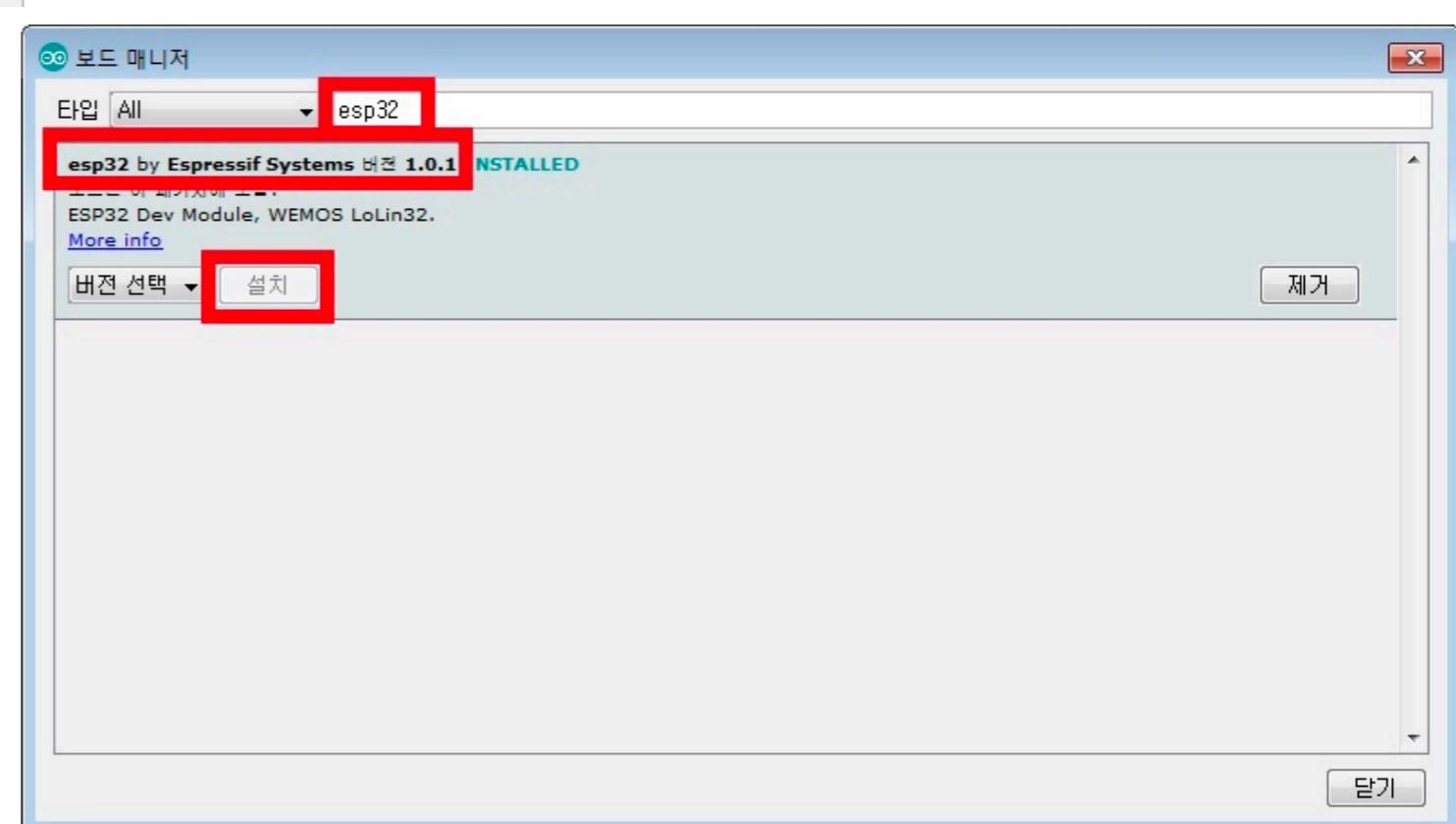
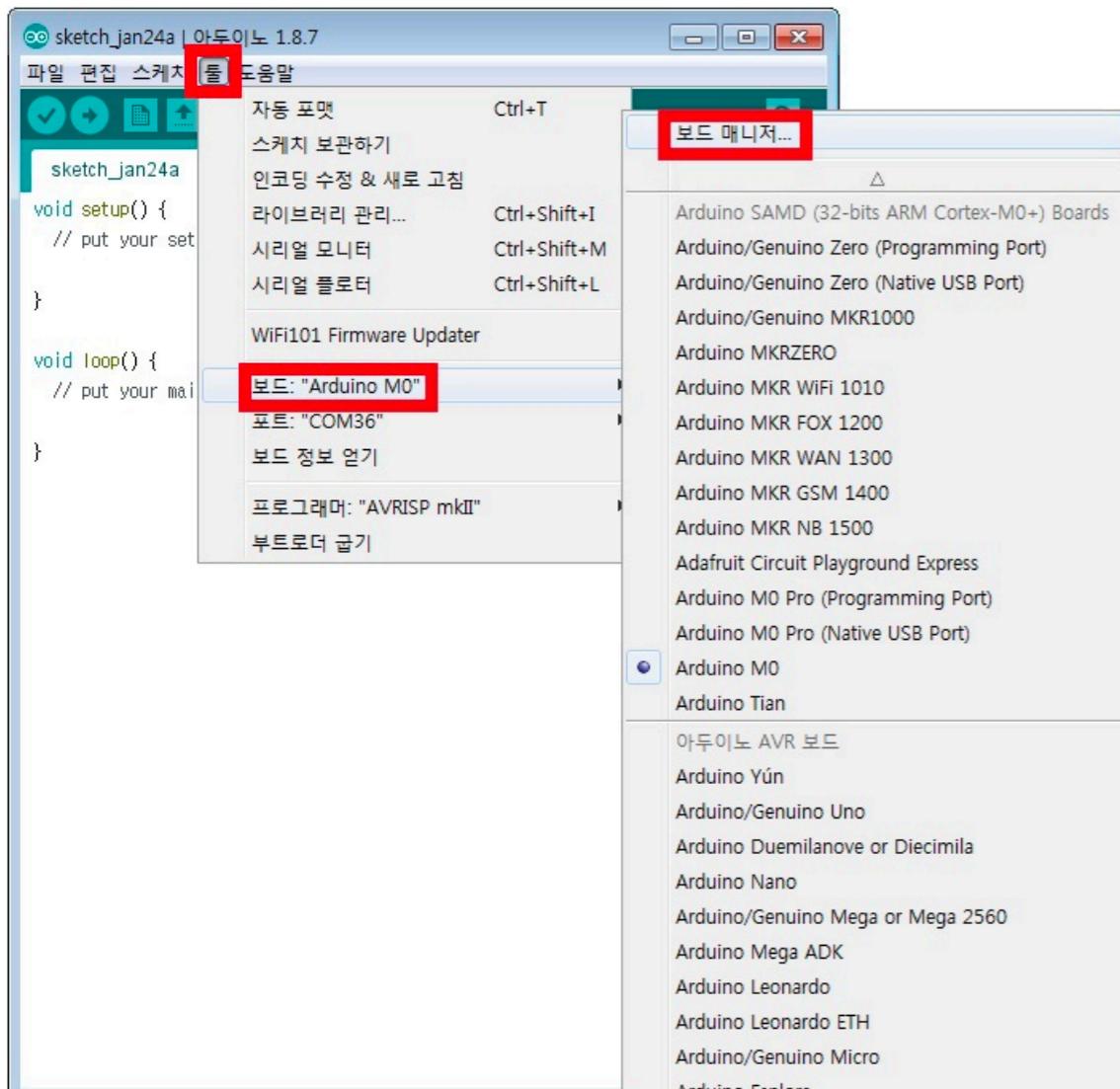
Git 설치

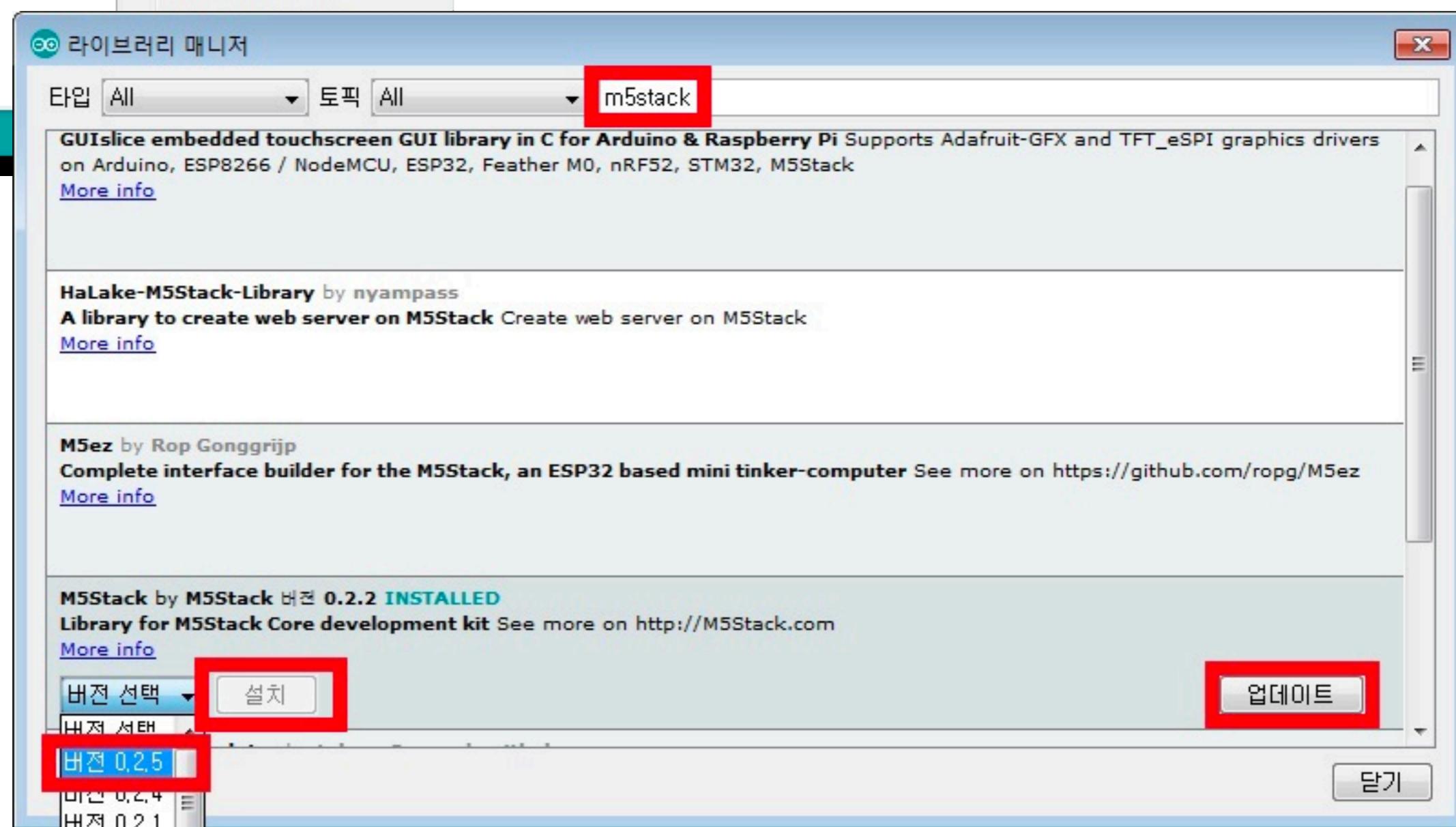
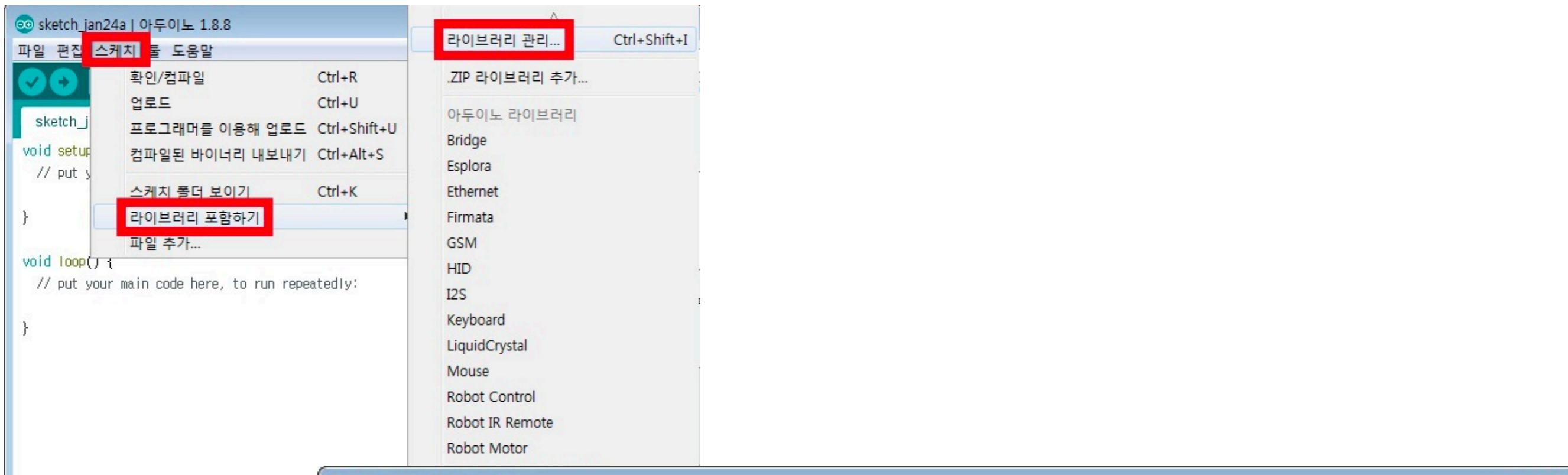
<https://git-scm.com/download>

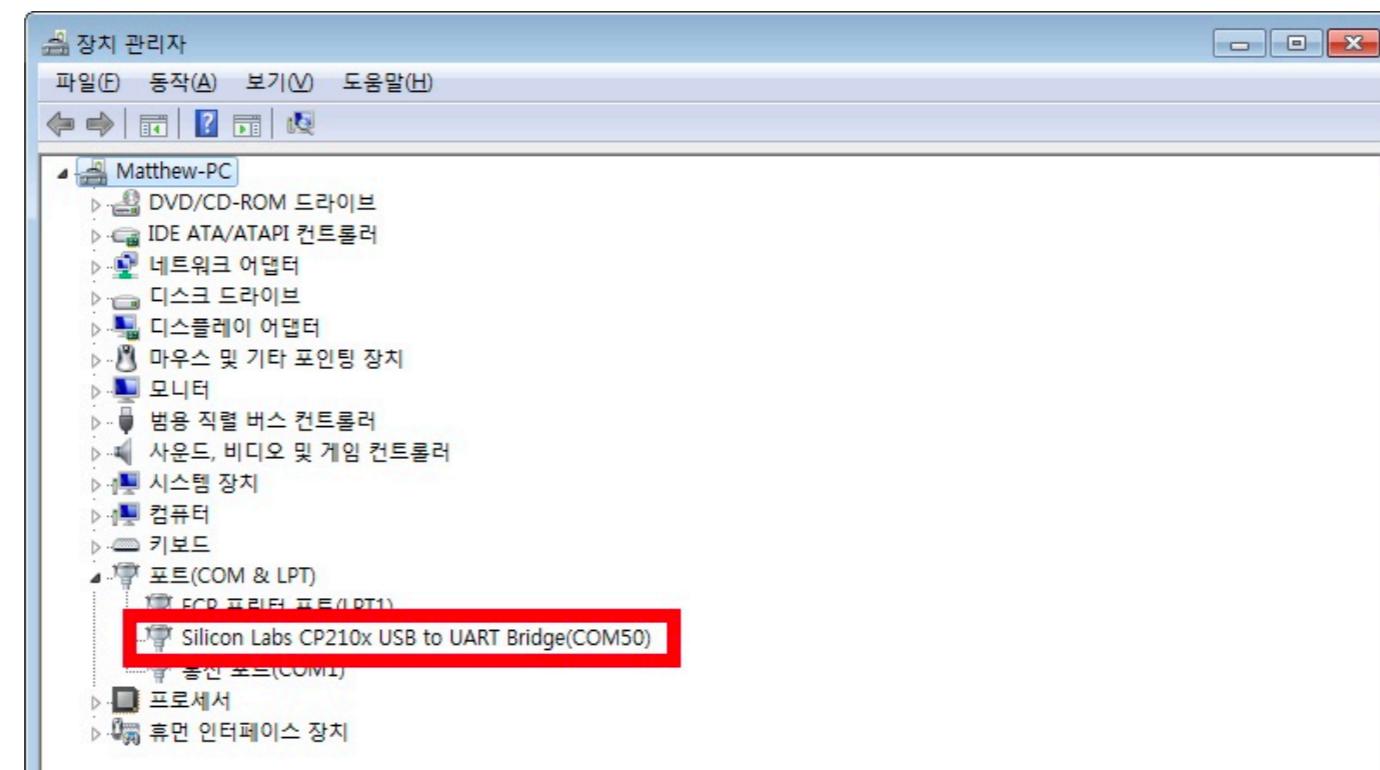
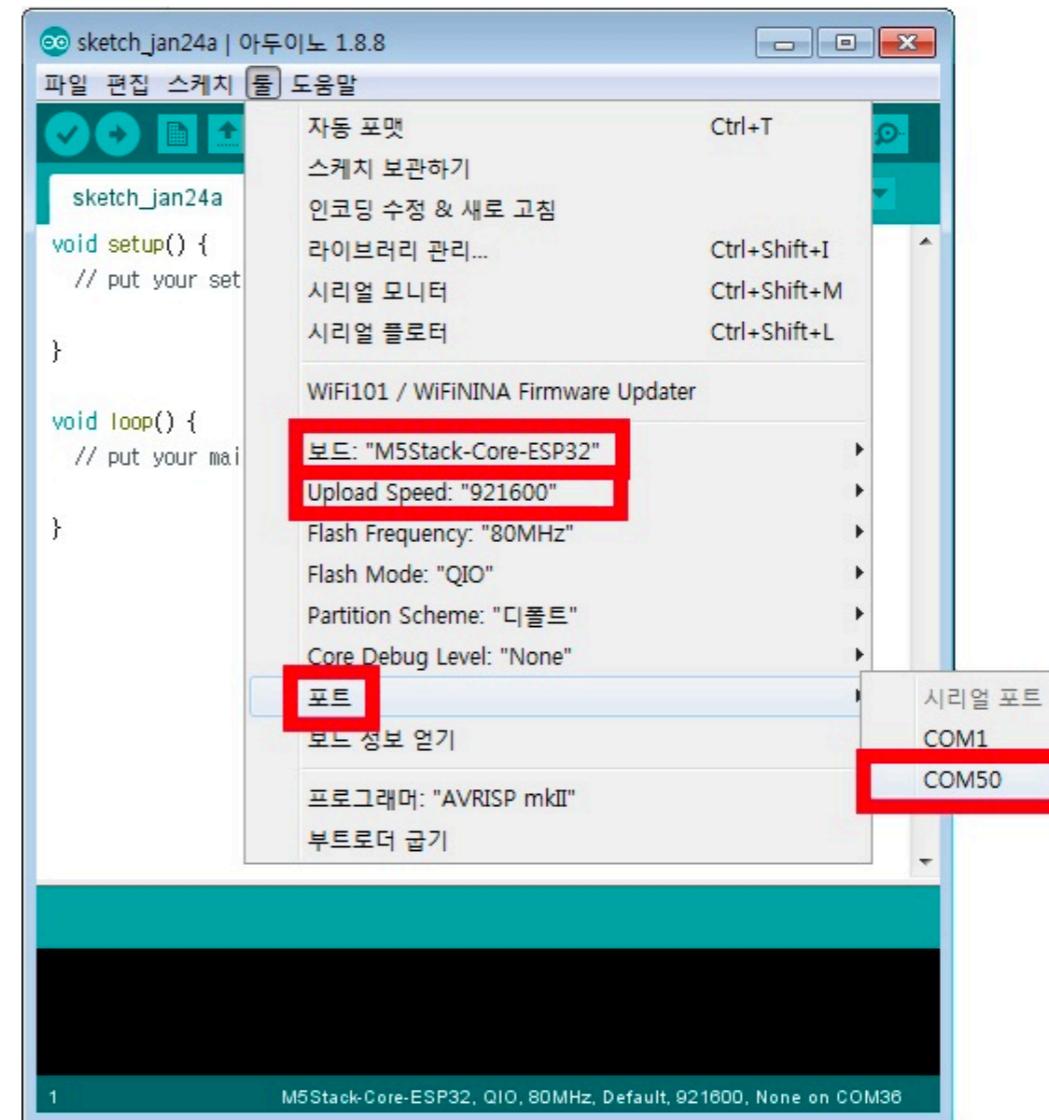
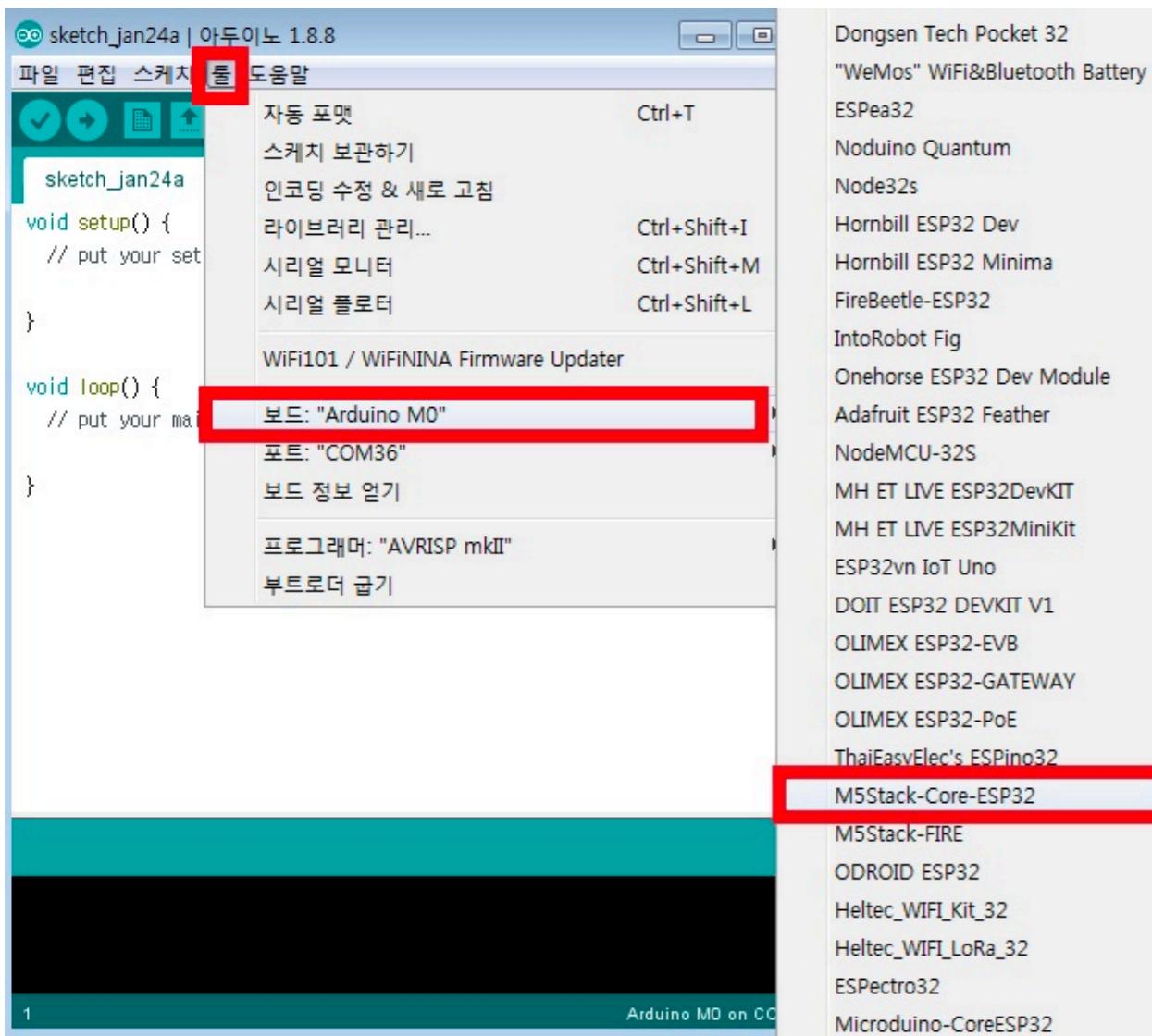


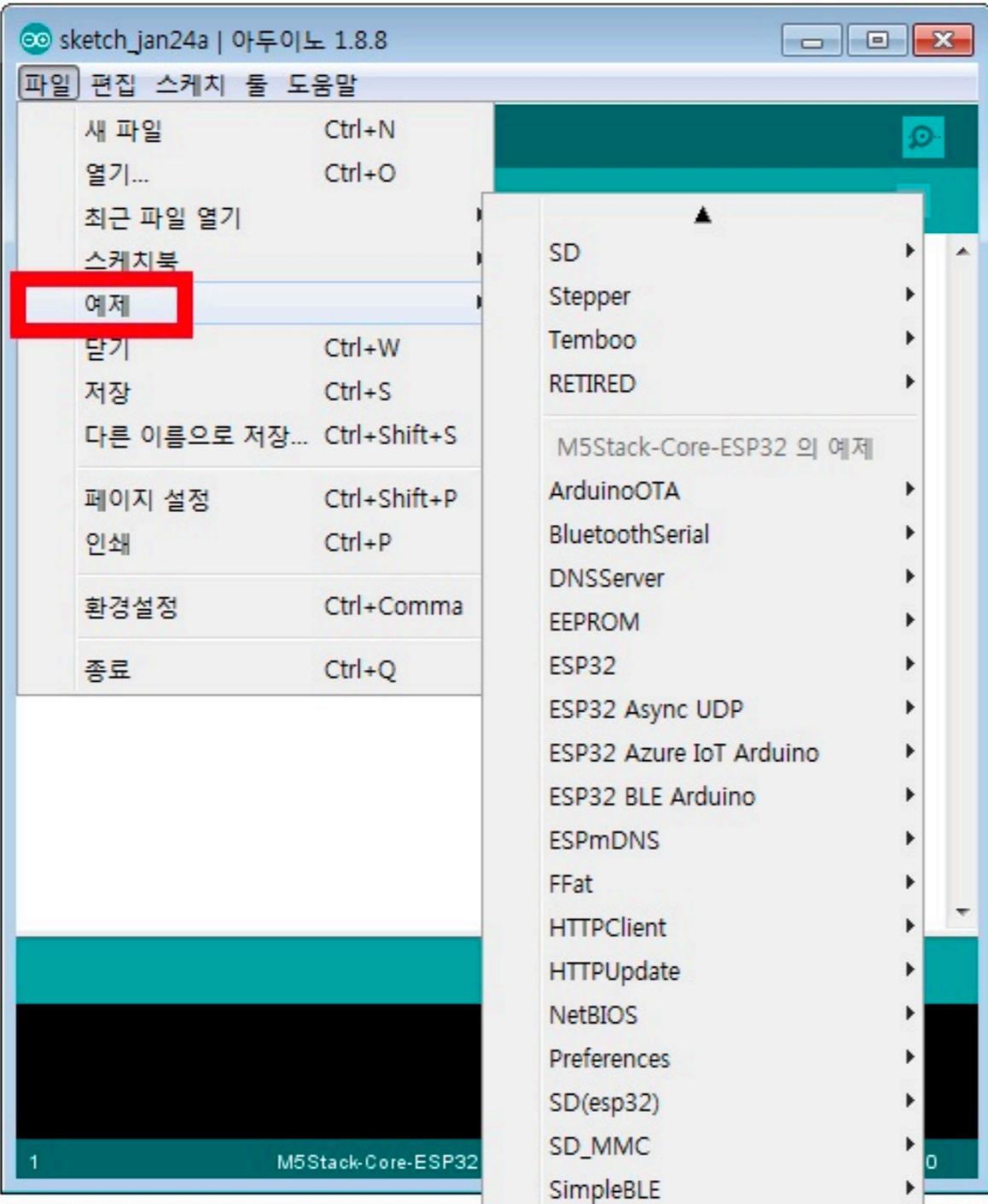
- https://github.com/espressif/arduino-esp32/releases/download/1.0.1-rc1/package_esp32_dev_index.json











M5Stack