

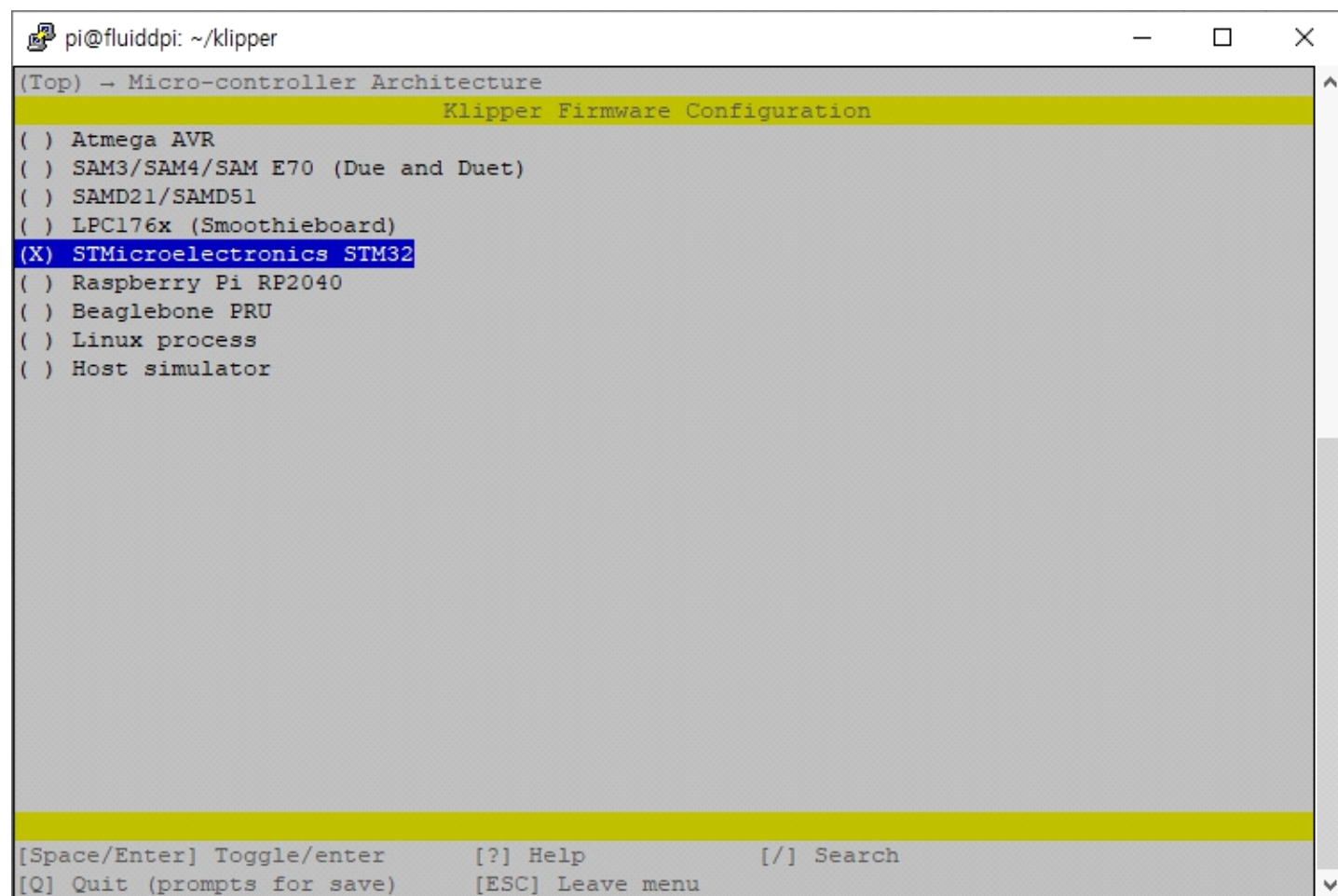
<https://www.klipper3d.org/Installation.html>

Building and flashing the micro-controller

```
cd ~/klipper/  
make menuconfig
```

Firmware Configuration

1. STM32 - STM32F103
2. Bootloader offset - 20Kib bootloader
3. Communication interface - USB (on PA11/PA12)



pi@fluiddpi: ~/klipper

(Top) → Bootloader offset

Klipper Firmware Configuration

- () 8KiB bootloader
- (X) 20KiB bootloader**
- () 28KiB bootloader
- () 32KiB bootloader
- () 34KiB bootloader (Chitu v6 Bootloader)
- () 64KiB bootloader
- () 2KiB bootloader (HID Bootloader)
- () 4KiB bootloader
- () 16KiB bootloader (HID Bootloader)
- () No bootloader

[Space/Enter] Toggle/enter

[?] Help

[/] Search

[Q] Quit (prompts for save)

[ESC] Leave menu

pi@fluiddpi: ~/klipper

(Top) → Communication interface

Klipper Firmware Configuration

- (X) USB (on PA11/PA12)**
- () Serial (on USART1 PA10/PA9)
- () CAN bus (on PA11/PA12)

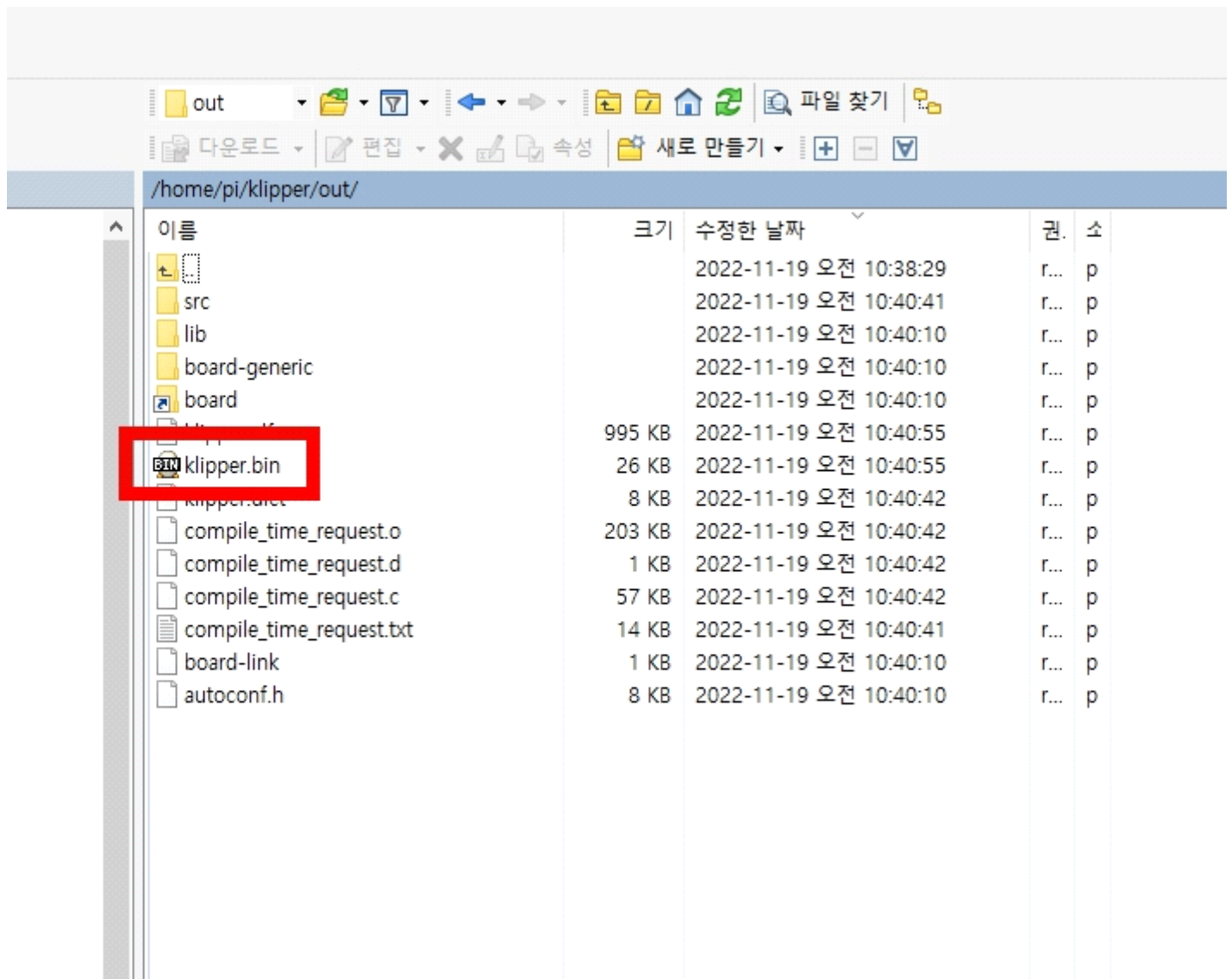
[Space/Enter] Toggle/enter

[?] Help

[/] Search

[Q] Quit (prompts for save)

[ESC] Leave menu



download

klipper.bin -> firmware.bin

Copy firmware.bin to the root directory of Micro-SD card, NOTE: !!if there is a "old_fw.bin" in the SD card, delete it first!!

Power off the printer and plug the Micro-SD card into socket on control board

Power on the printer, push the power button and wait about 30 seconds

(<https://github.com/ZONESTAR3D/Z9/tree/main/Z9V5/Z9V5-MK1/6.%20Firmware>)

Next Step is

<https://www.klipper3d.org/Installation.html>