

Mango AK1 (ATmega128) PIC Kit2 Install and Seting

<http://www.mangoboard.com/>

[crz-tech](#)

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Document History

Revision	Date	Change note

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1. Mango-AK1 PIC Kit2 Install and Seting

Microchip : PICKit2

PICKit2 구성

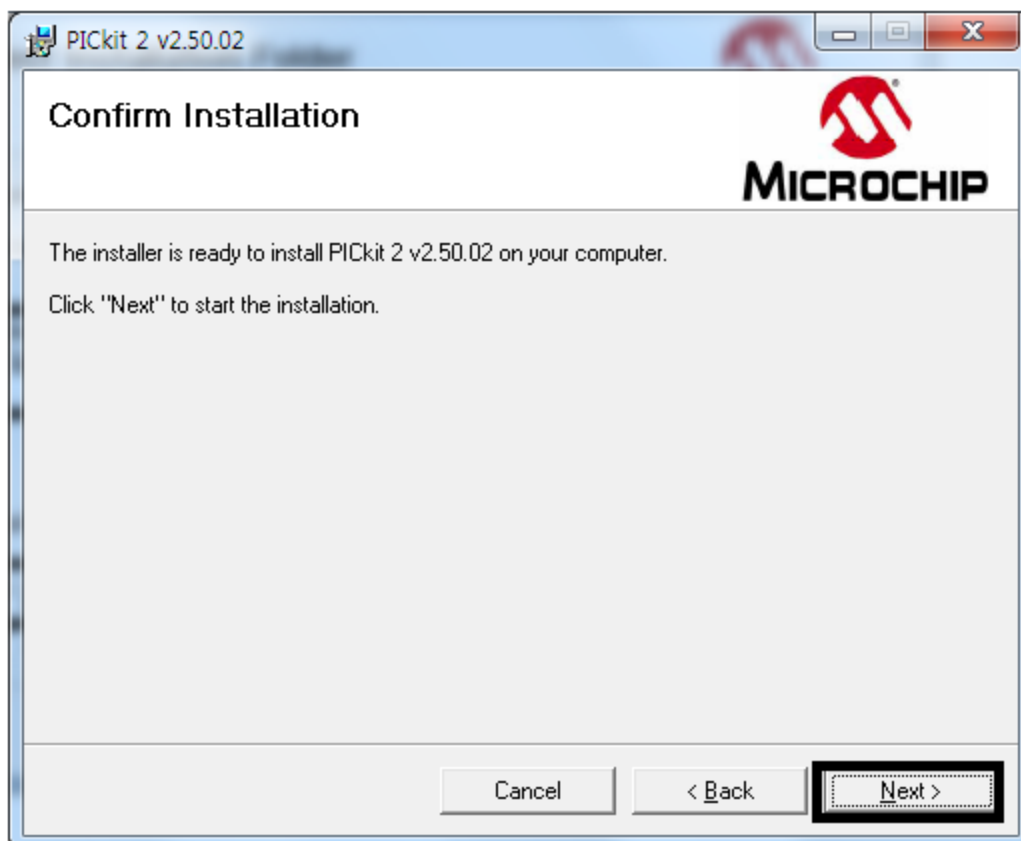
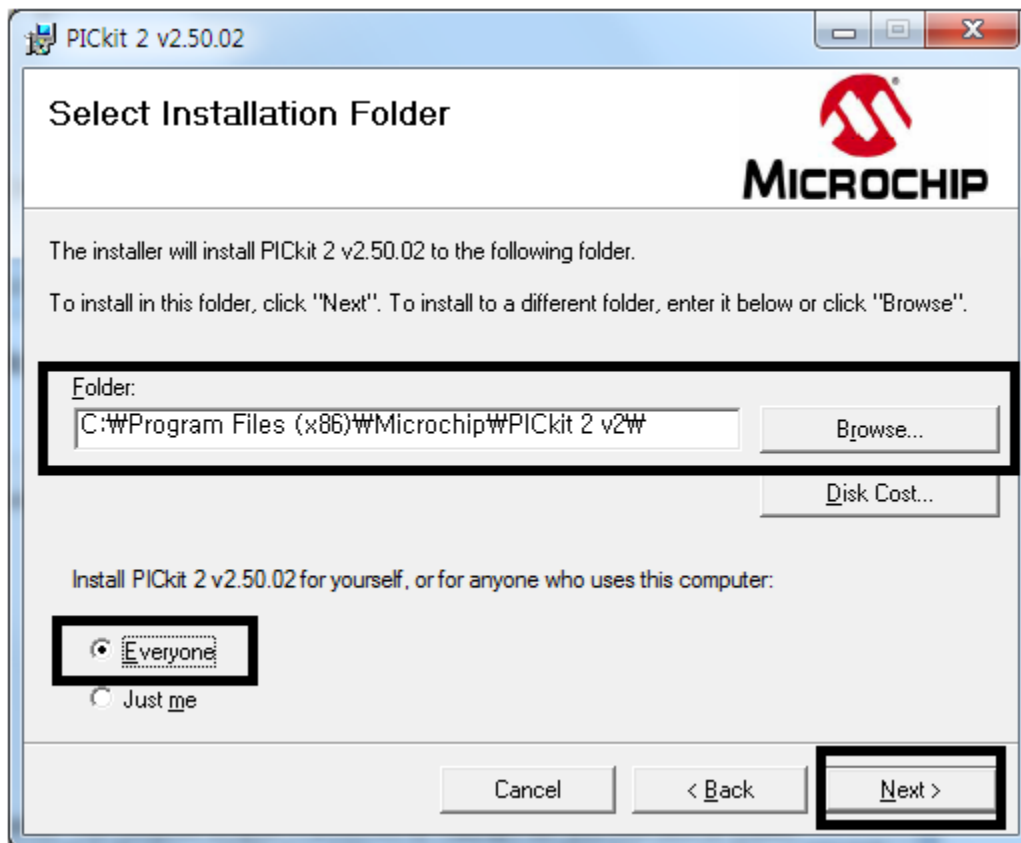
버튼, Power, target, Busy 옆에 각각 LED 한 개씩 Mango_Ak1과PICKit2를 연결하는 소켓
USB_MINI_POTR



1.1. Mango-AK1 PIC Kit2 Fusing Tool Install

CD : E:\Install\WPICKit 2\setup.exe

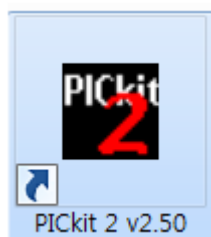






Window7인 경우 PICKit 2 v2.50을 실행 하기전에 Mango_AK1과PICKit2 Fusing Toll을 연결

1.2. Mango-AK1 PIC Kit2 Seting



초기 화면

PICkit 2 Programmer

FileDevice FamilyProgrammerToolsViewHelp


Midrange/Standard Configuration

Device: PIC16F688Configuration: 3FFF

User IDs: FF FF FF FF

Checksum: FFFFOSCCAL:BandGap:

PICkit 2 found and connected.
PIC Device Found.



VDD Target

☐ Check

☒ /MCLR

5.0

ReadWriteVerifyEraseBlank Check

Program Memory

☒ EnabledHex OnlySource: None (Empty/Erased)

000	3FFF	3FFF	3FFF	3FFF	3FFF	3FFF	3FFF	3FFF
008	3FFF	3FFF	3FFF	3FFF	3FFF	3FFF	3FFF	3FFF
010	3FFF	3FFF	3FFF	3FFF	3FFF	3FFF	3FFF	3FFF
018	3FFF	3FFF	3FFF	3FFF	3FFF	3FFF	3FFF	3FFF
020	3FFF	3FFF	3FFF	3FFF	3FFF	3FFF	3FFF	3FFF
028	3FFF	3FFF	3FFF	3FFF	3FFF	3FFF	3FFF	3FFF
030	3FFF	3FFF	3FFF	3FFF	3FFF	3FFF	3FFF	3FFF
038	3FFF	3FFF	3FFF	3FFF	3FFF	3FFF	3FFF	3FFF
040	3FFF	3FFF	3FFF	3FFF	3FFF	3FFF	3FFF	3FFF
048	3FFF	3FFF	3FFF	3FFF	3FFF	3FFF	3FFF	3FFF
050	3FFF	3FFF	3FFF	3FFF	3FFF	3FFF	3FFF	3FFF
058	3FFF	3FFF	3FFF	3FFF	3FFF	3FFF	3FFF	3FFF

EEPROM Data

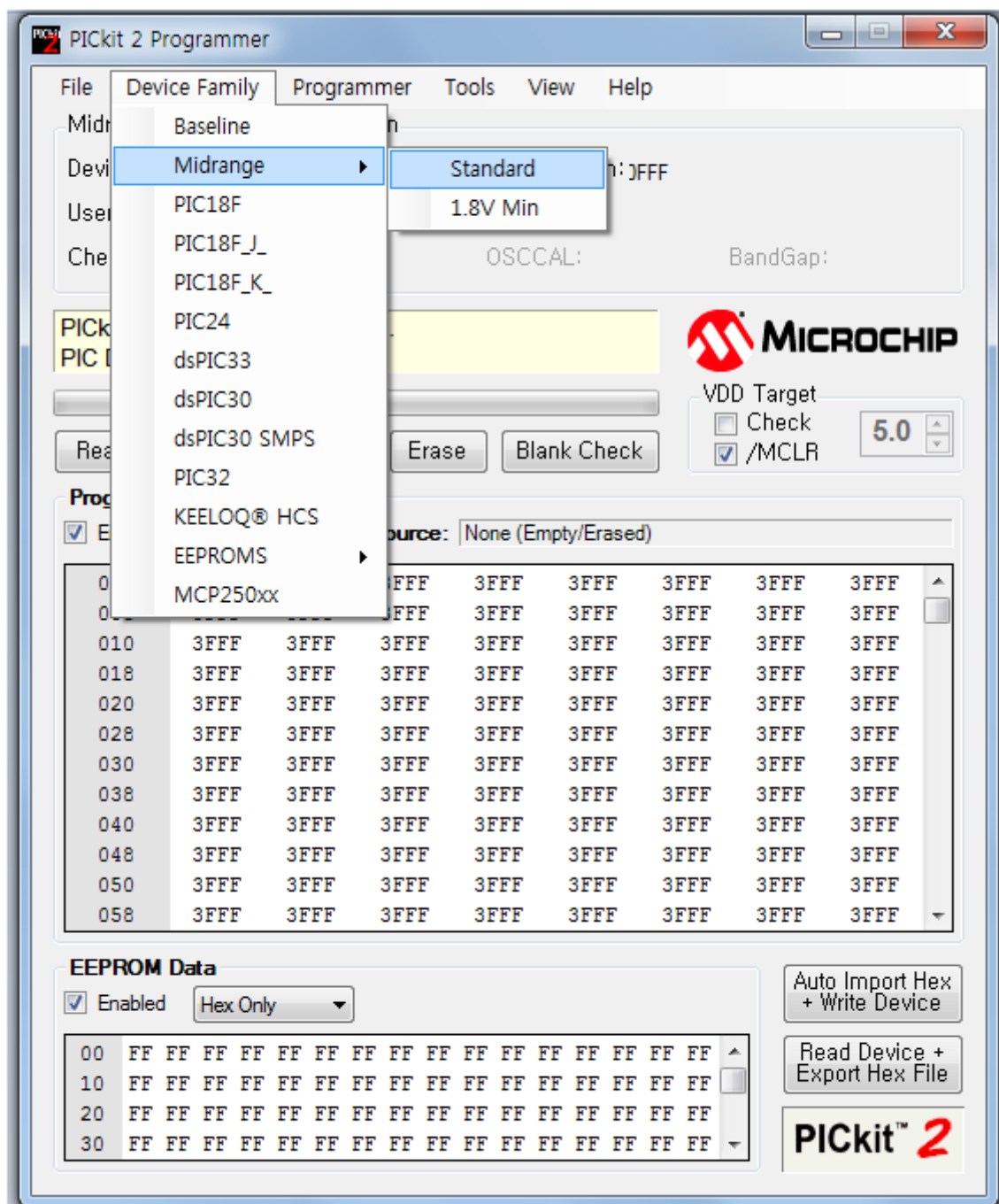
☒ EnabledHex Only

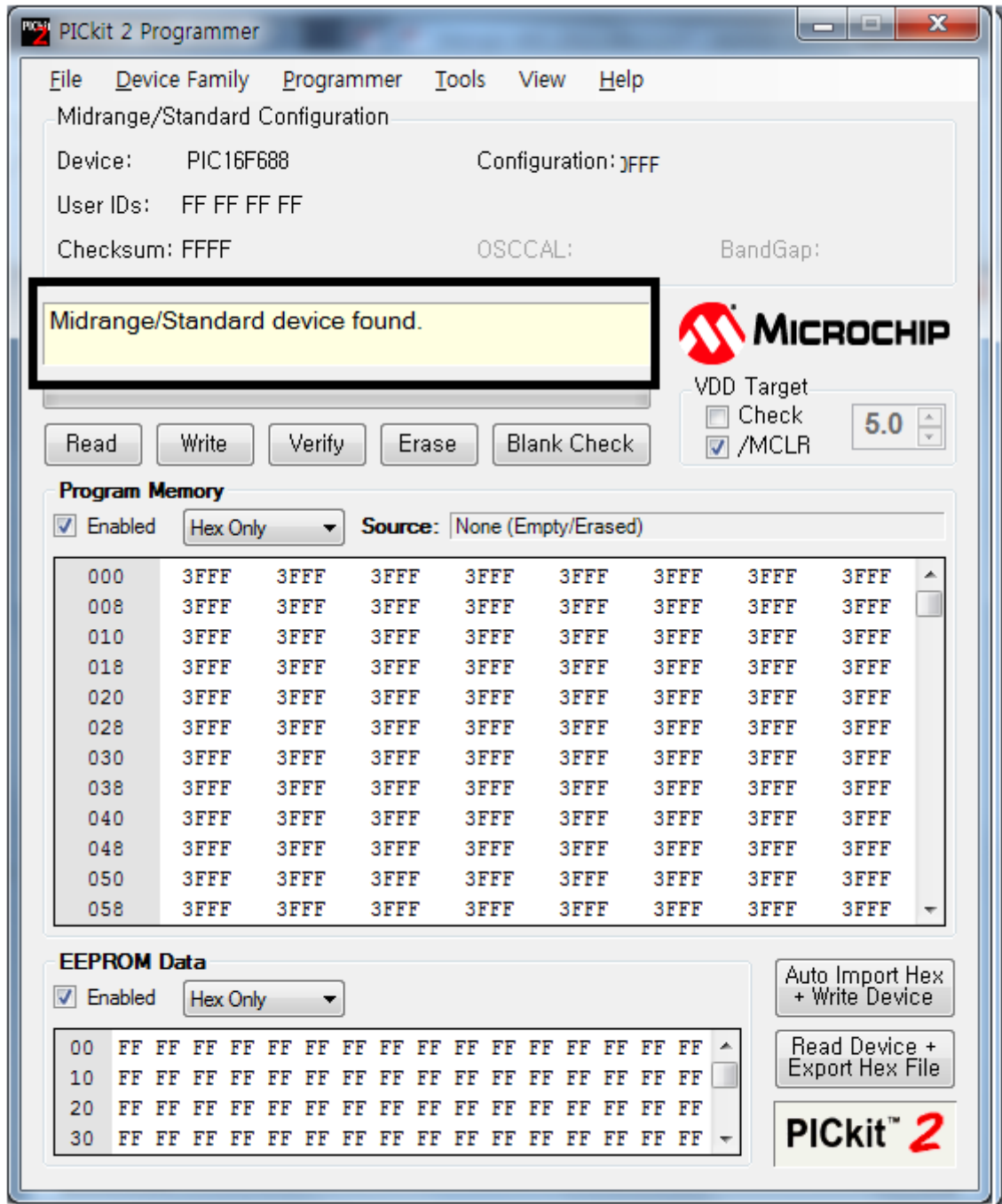
00	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
10	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
20	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
30	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF

Auto Import Hex
+ Write Device

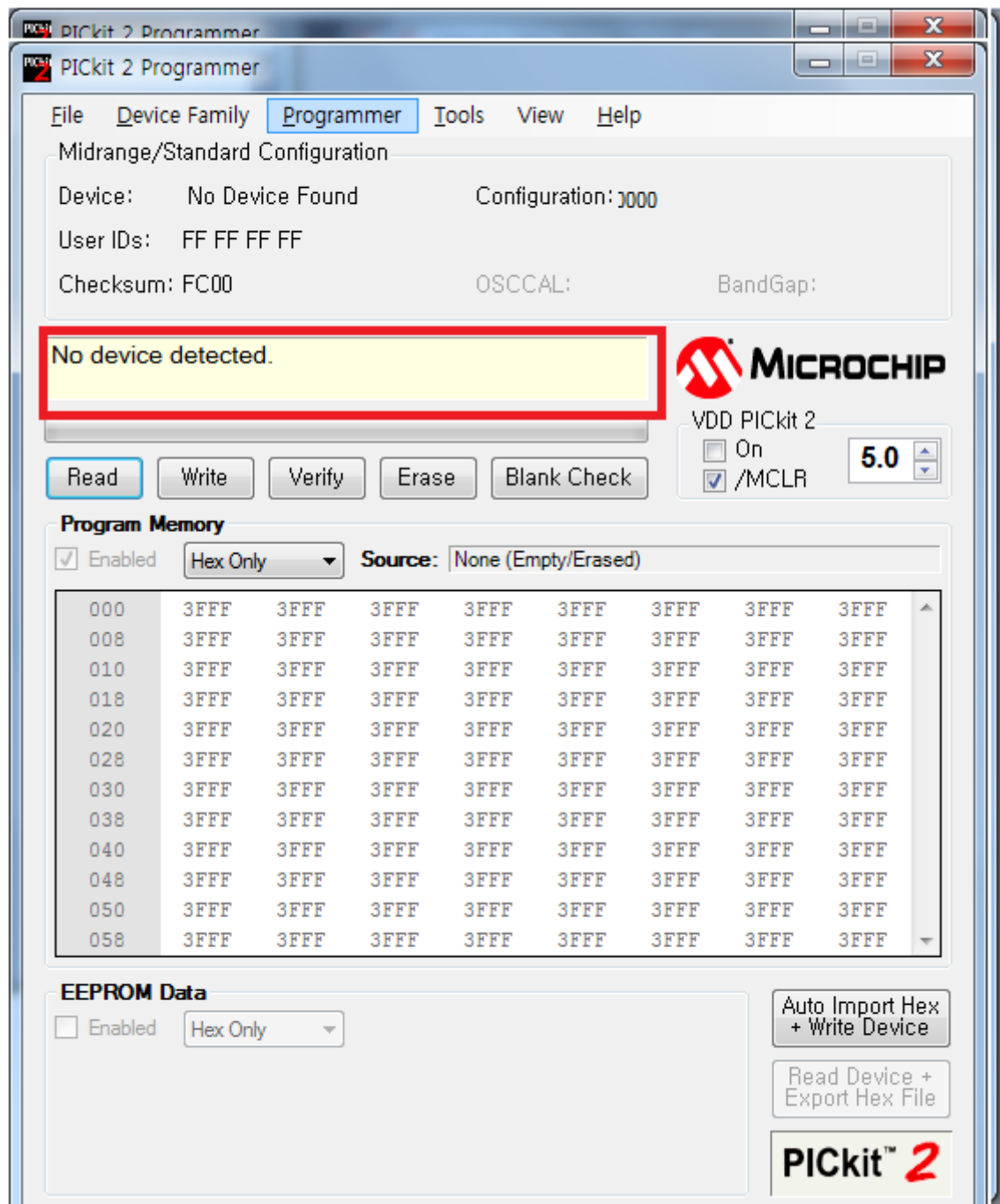
Read Device +
Export Hex File

PICkit™ 2

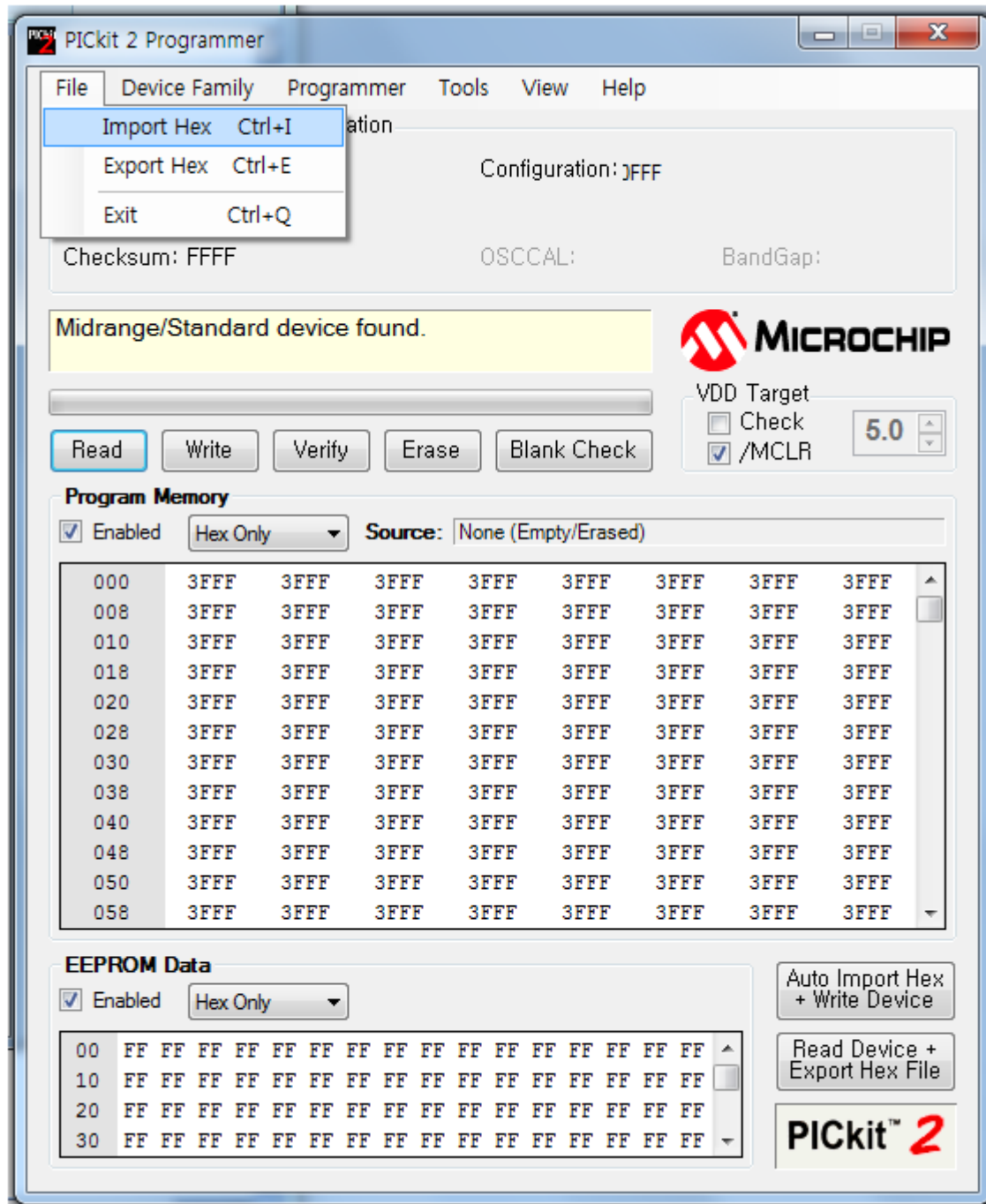




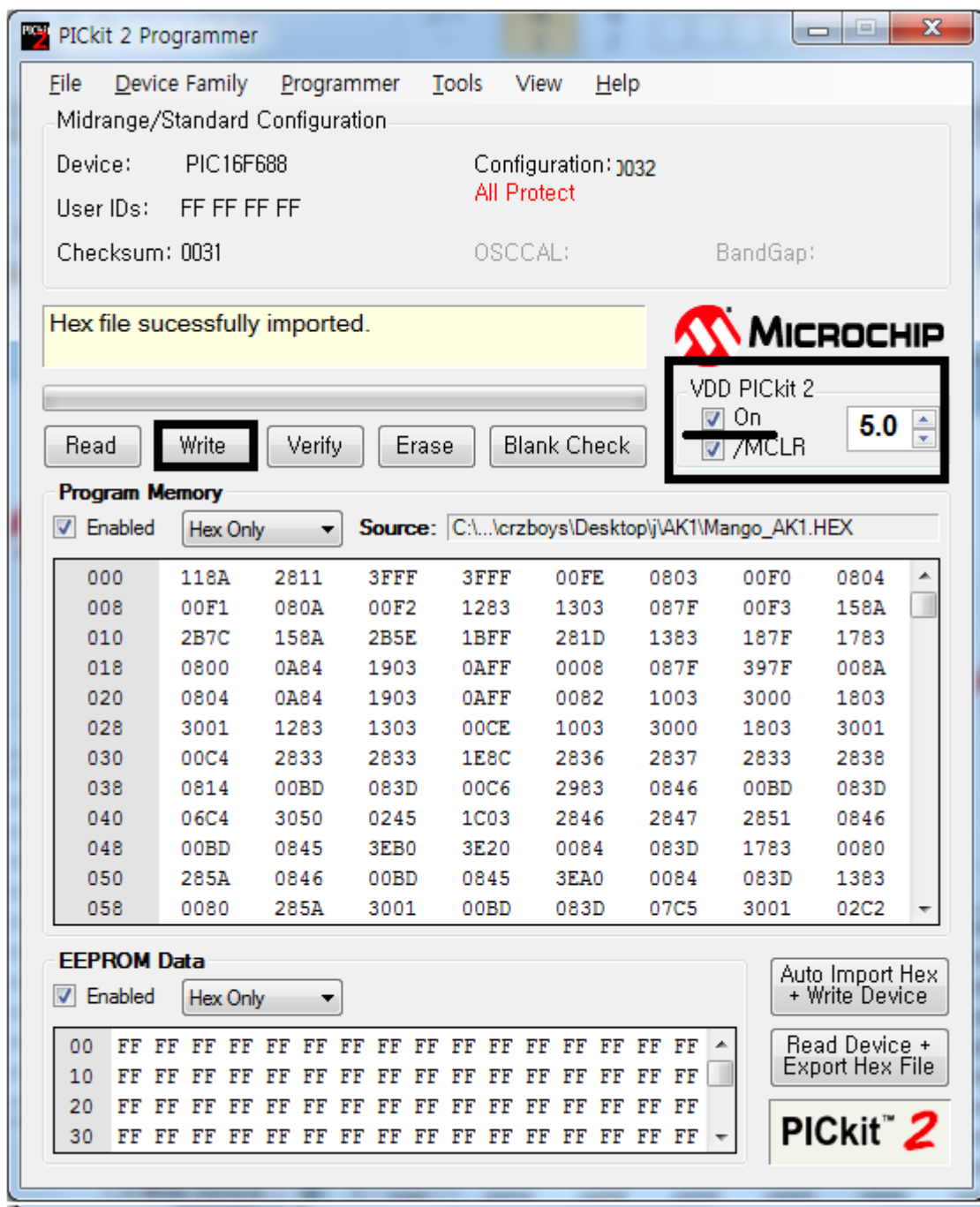
위처럼 창이 뜨면 정상 가동 중

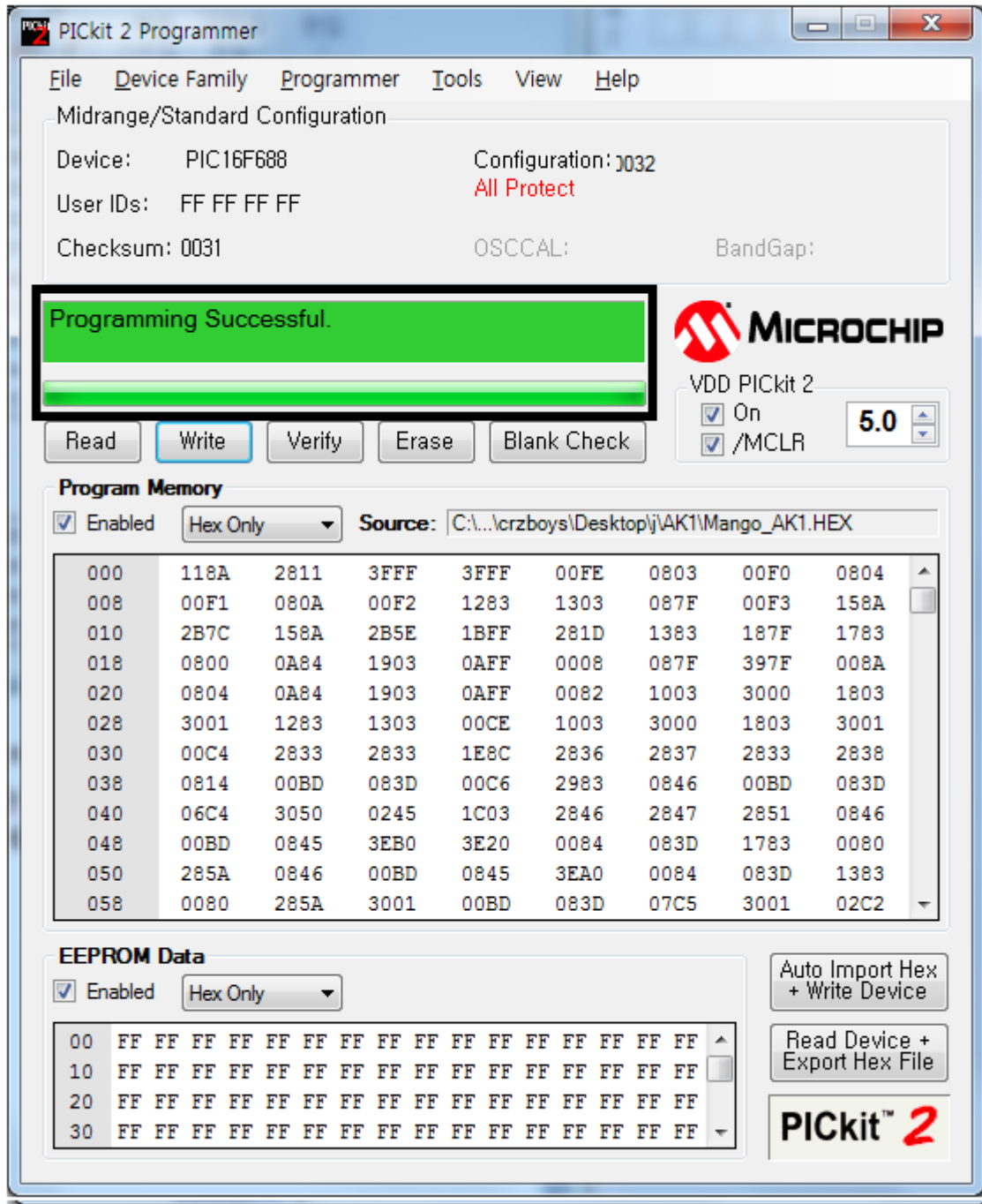


위에 창처럼 뜨면 Mango_AK1과 PICKit2 Fusing Tool이 연결 안됨



Import hex을 해서 PIC로 만든 00000.hex 불러옴





먼저 ON버튼을 클릭하면 Mango_AK1키트에 전원이 공급됨. PICKit2Fusing Tool에 Target LED에 주황색등이 같이들어옴. Write을 실행하게Write을 하면서 Veify도 같이 하게 된다. Write을 하면 PICKit2 Fusing Tool에 Busy LED 빨간등이 같이 들어오면서 Write을 하게된다.