

AVR flash 編程快速入門指南 (Mainboard)

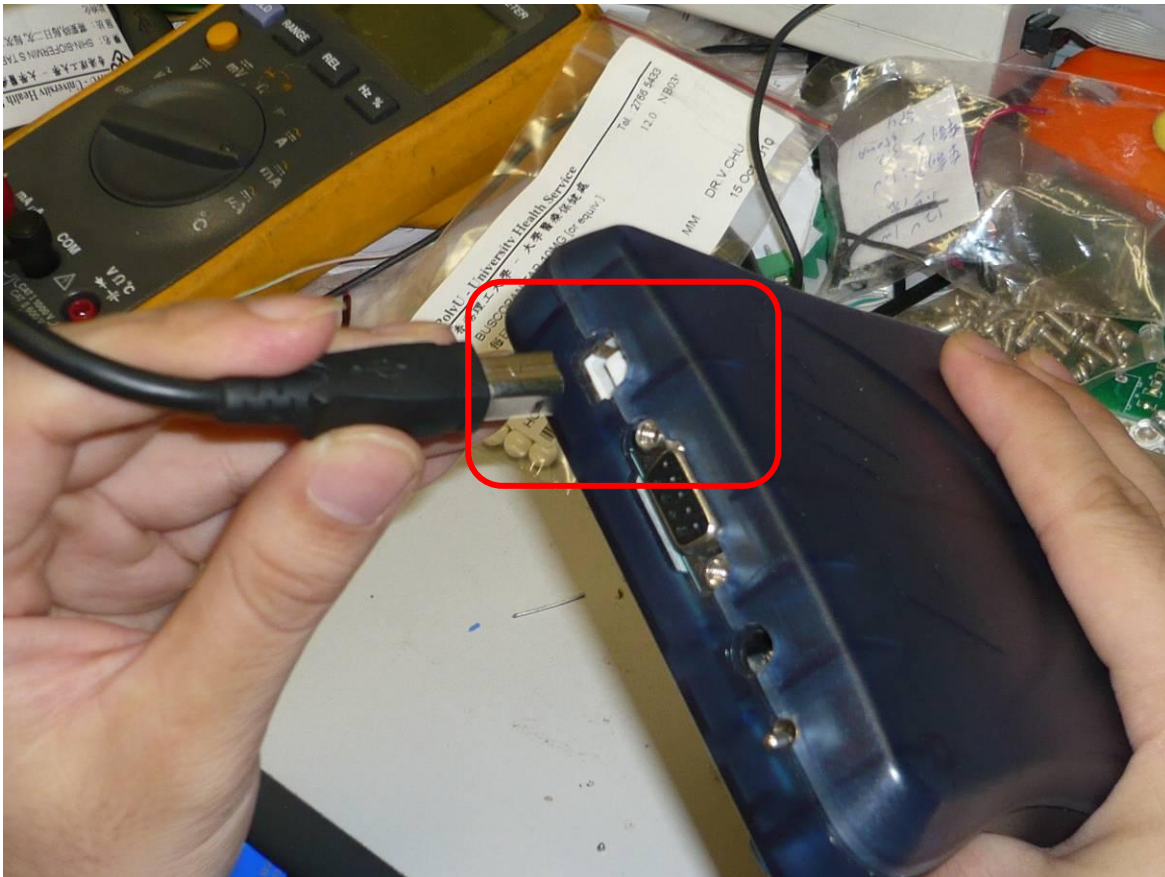
1) AVR windows 編程工具安裝



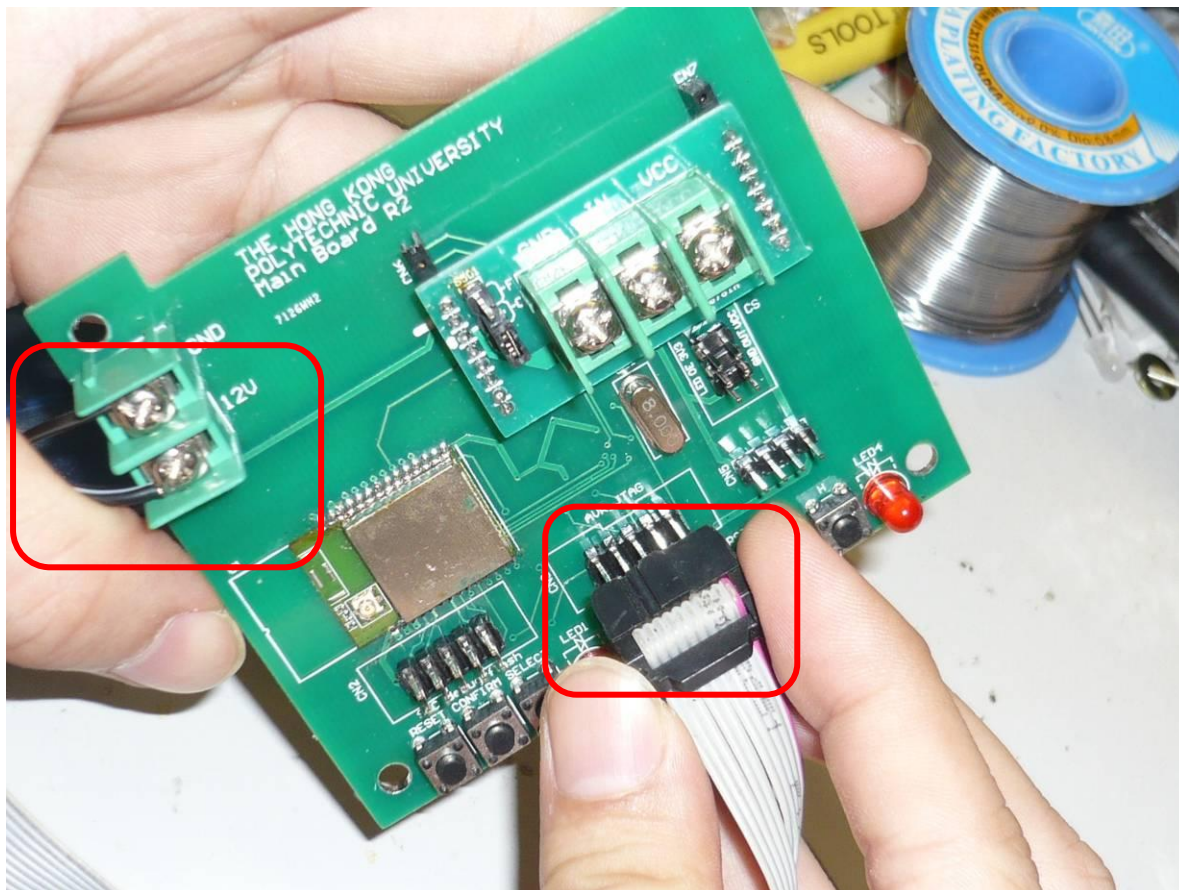
2) AVR windows 編程工具 SP 安裝



3) 將編程設備連接到 PC 的 USB 端口



- 4) PCB 板連接到 12VDC 電源
- 5) 將編程設備連接到 PCB 板

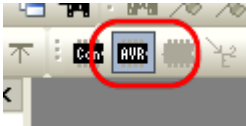


- 6) 開啟編程設備

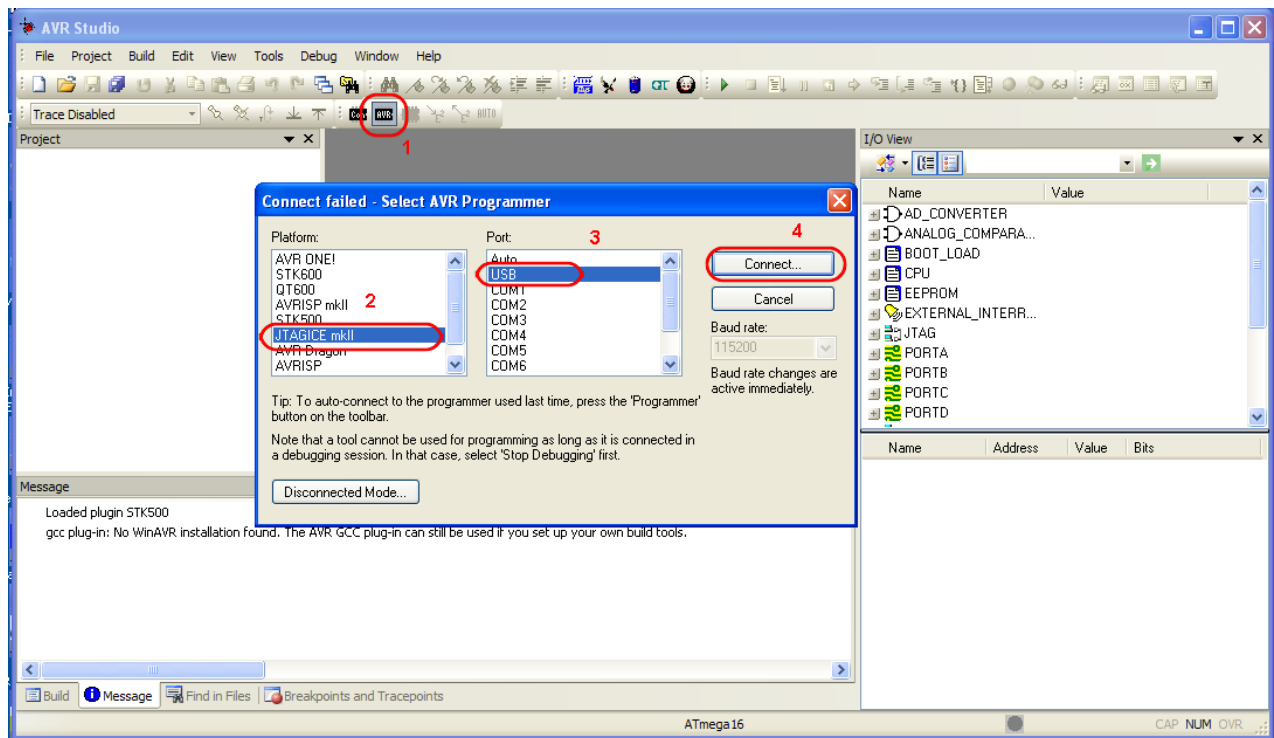


7) Startup → Programs → Atmel AVR tools → AVR Studio 4

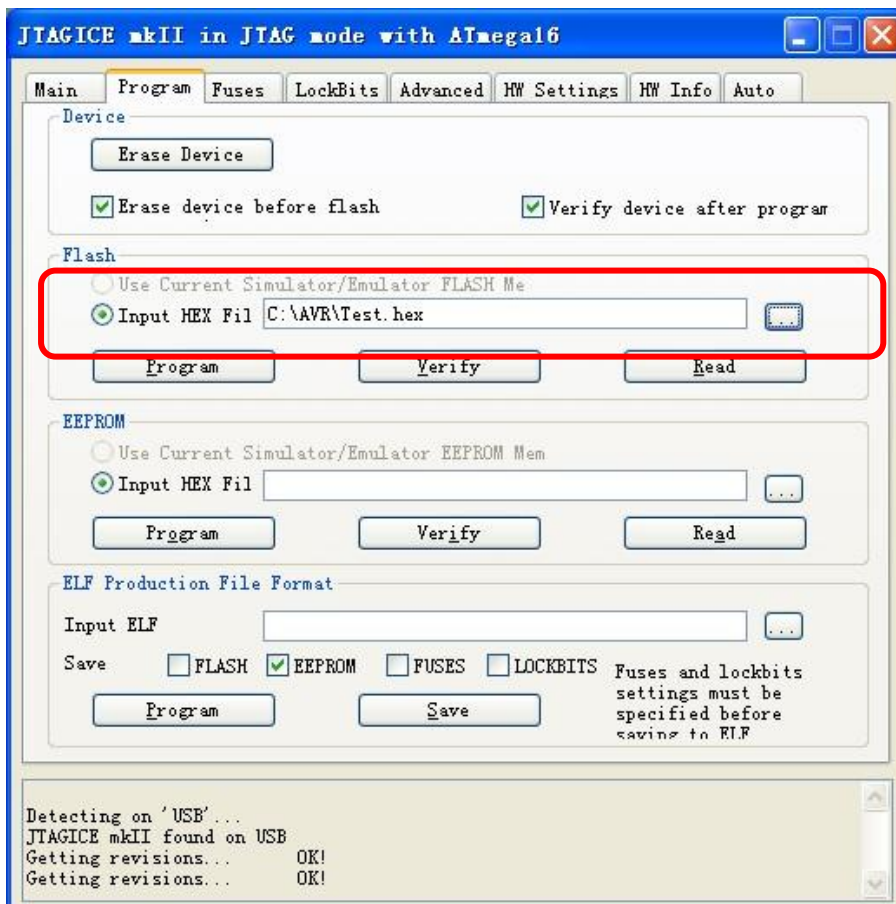
8) 點擊 “AVR”



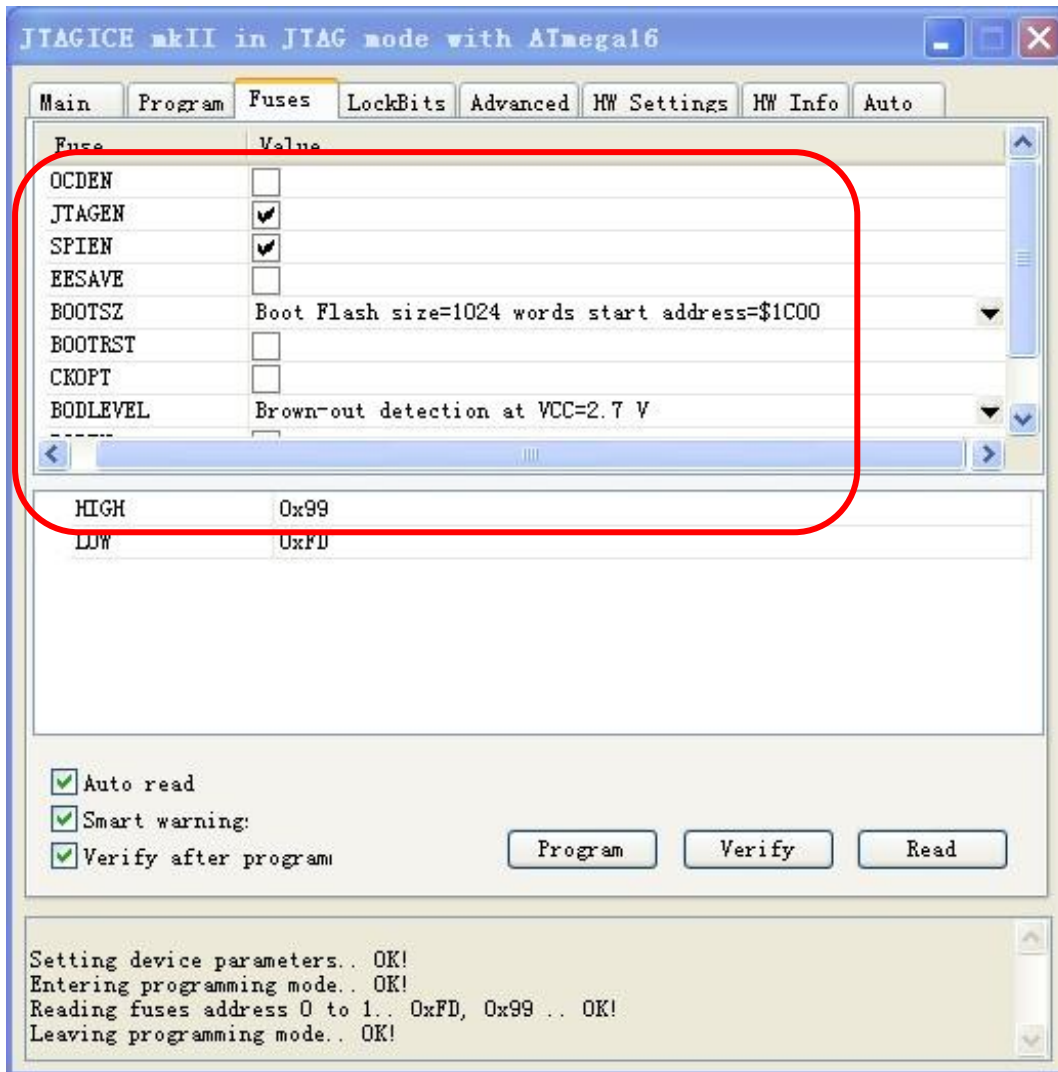
9)



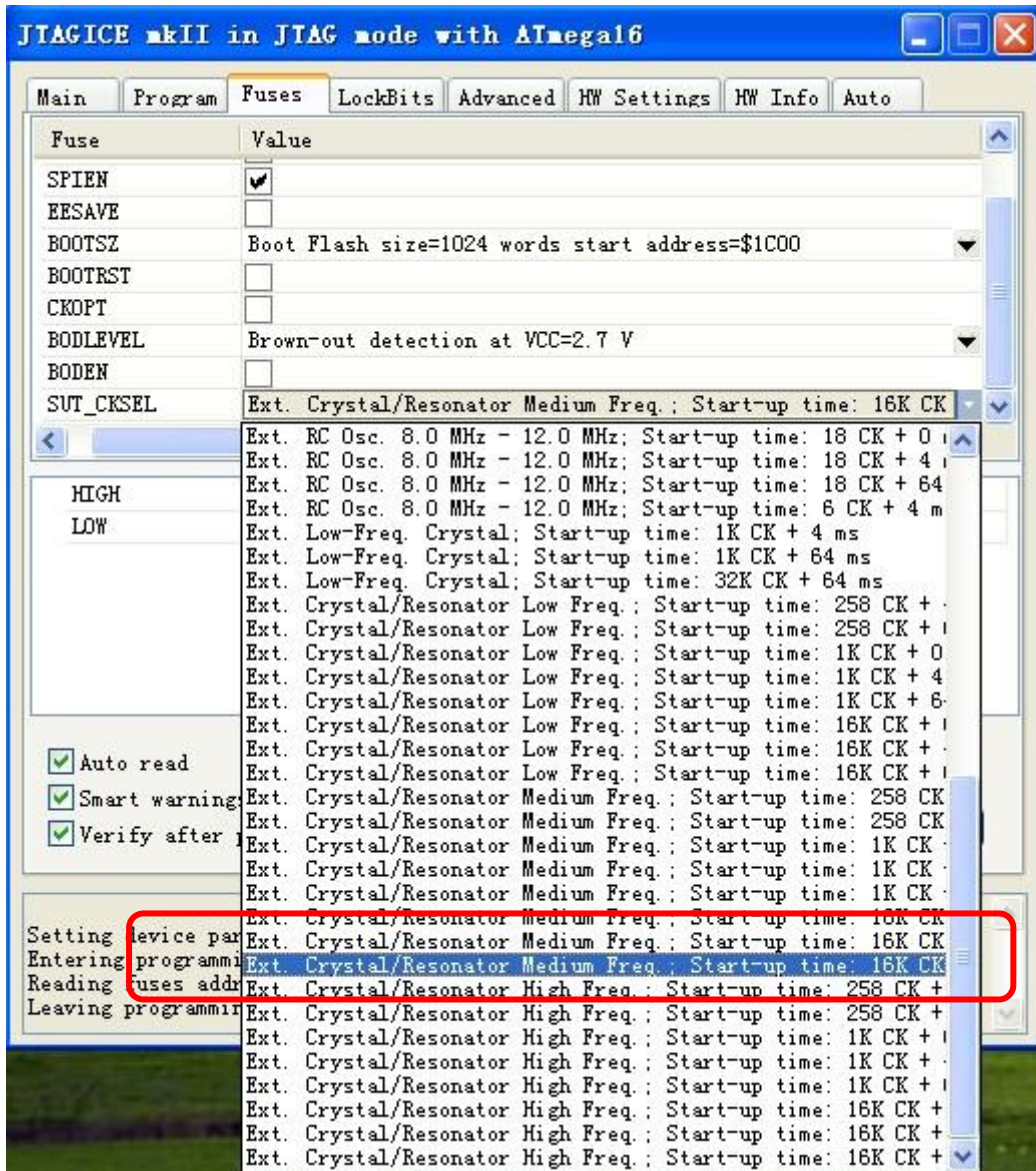
10) 到“Program” 選擇正確的 Hex 文件(AVR-Main.hex → 主板 only ; AVR-Main-P.hex → 主板 + P-板)



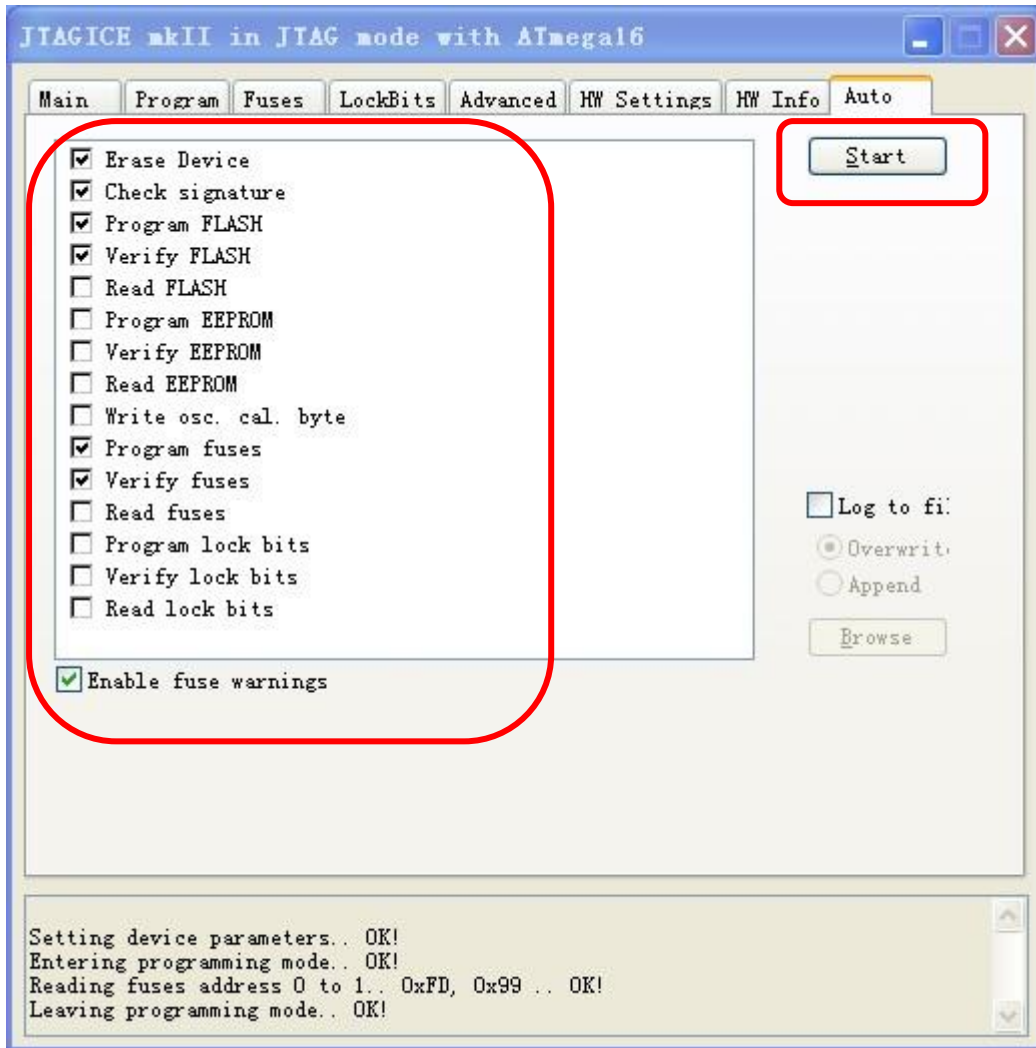
11) 到“Fuses”，按照下圖設置



12) "Fuses" → 按照下圖設置



13) “Auto”, 按照下圖設置, 按 “Start” 按鈕, 開始編程



14) 檢查編程狀態是否'OK'

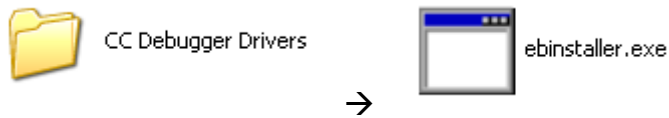
```
FLASH contents is equal to file.. OK  
Writing fuses address 0 to 1.. 0xFD, 0x99 .. OK!  
Reading fuses address 0 to 1.. 0xFD, 0x99 .. OK!  
Fuse bits verification.. OK  
Leaving programming mode.. OK!
```

Zigbee IC 編程快速入門指南 (Mainboard)

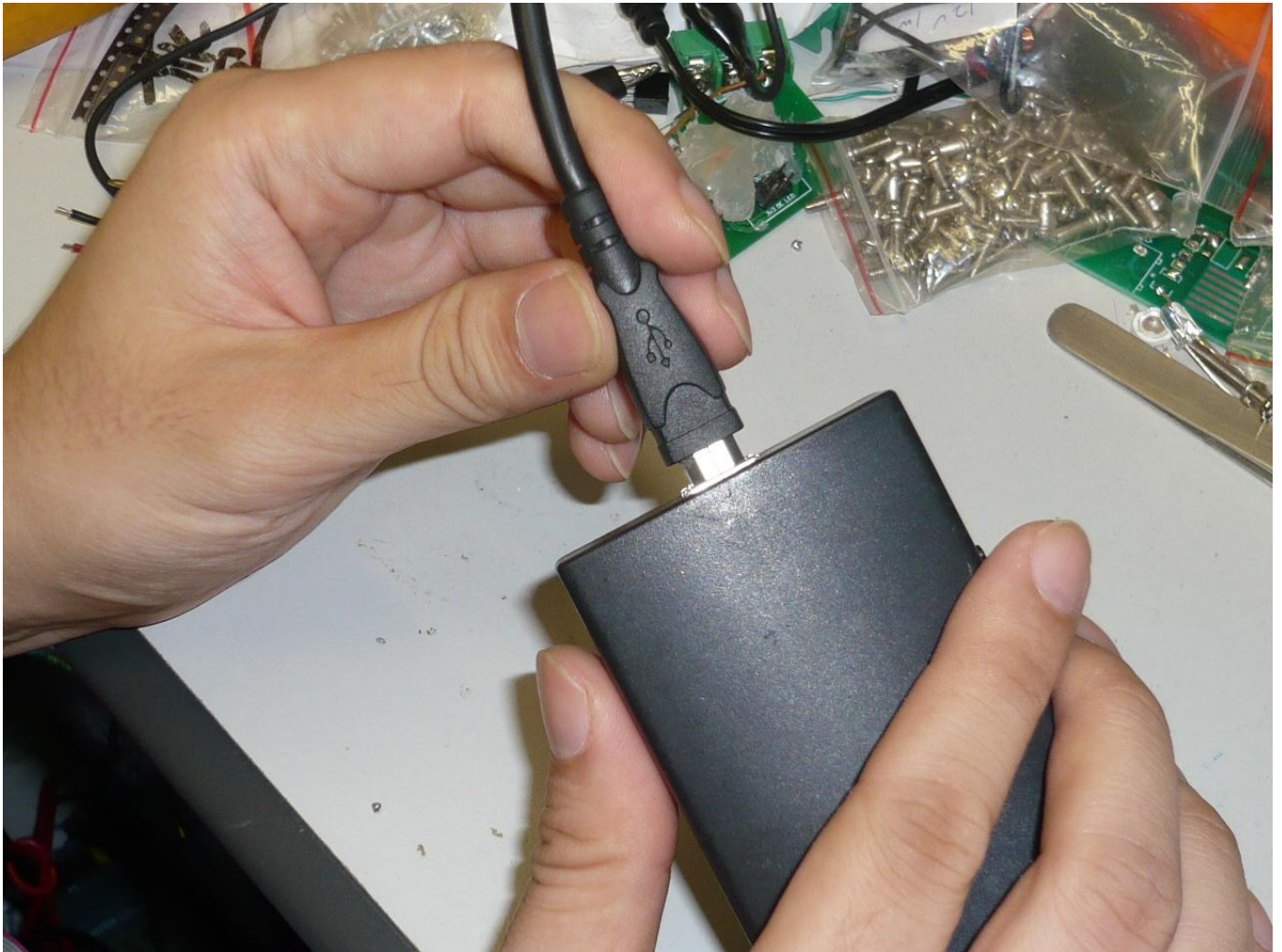
1) Zigbee windows 編程工具安裝



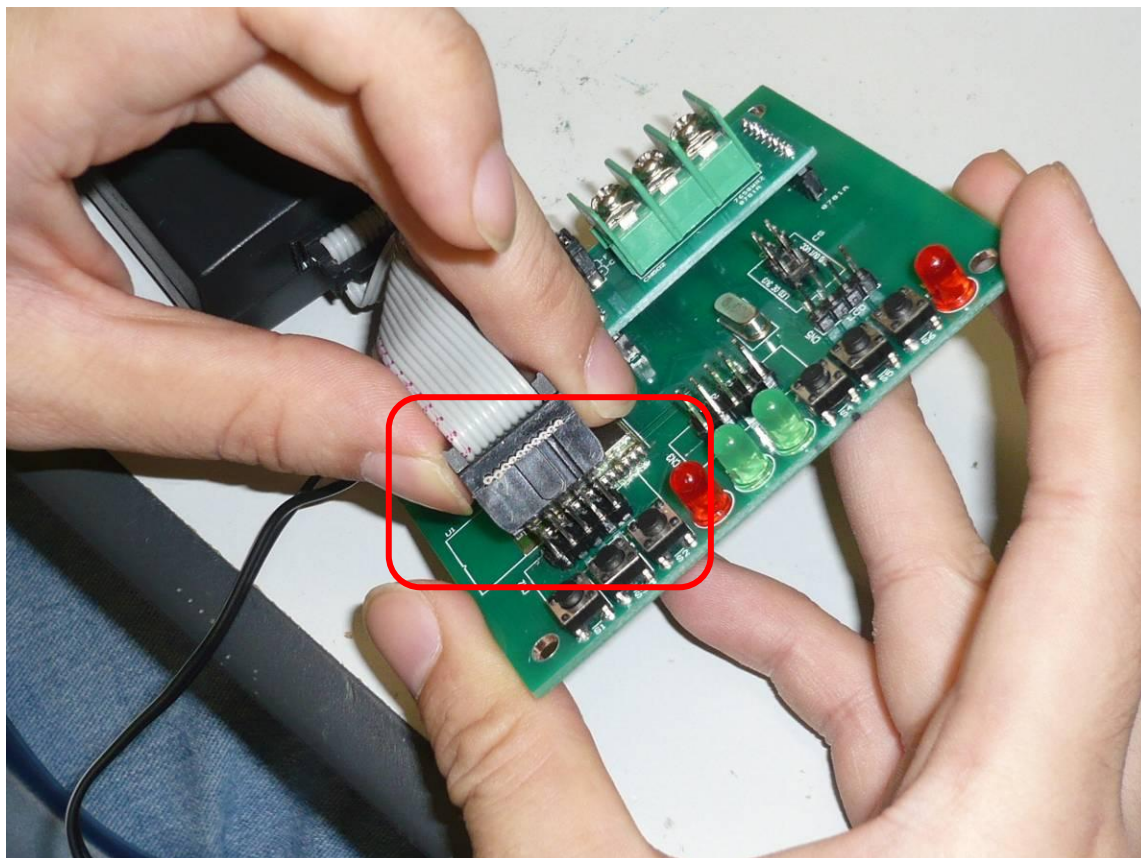
2) 驅動程序的安裝



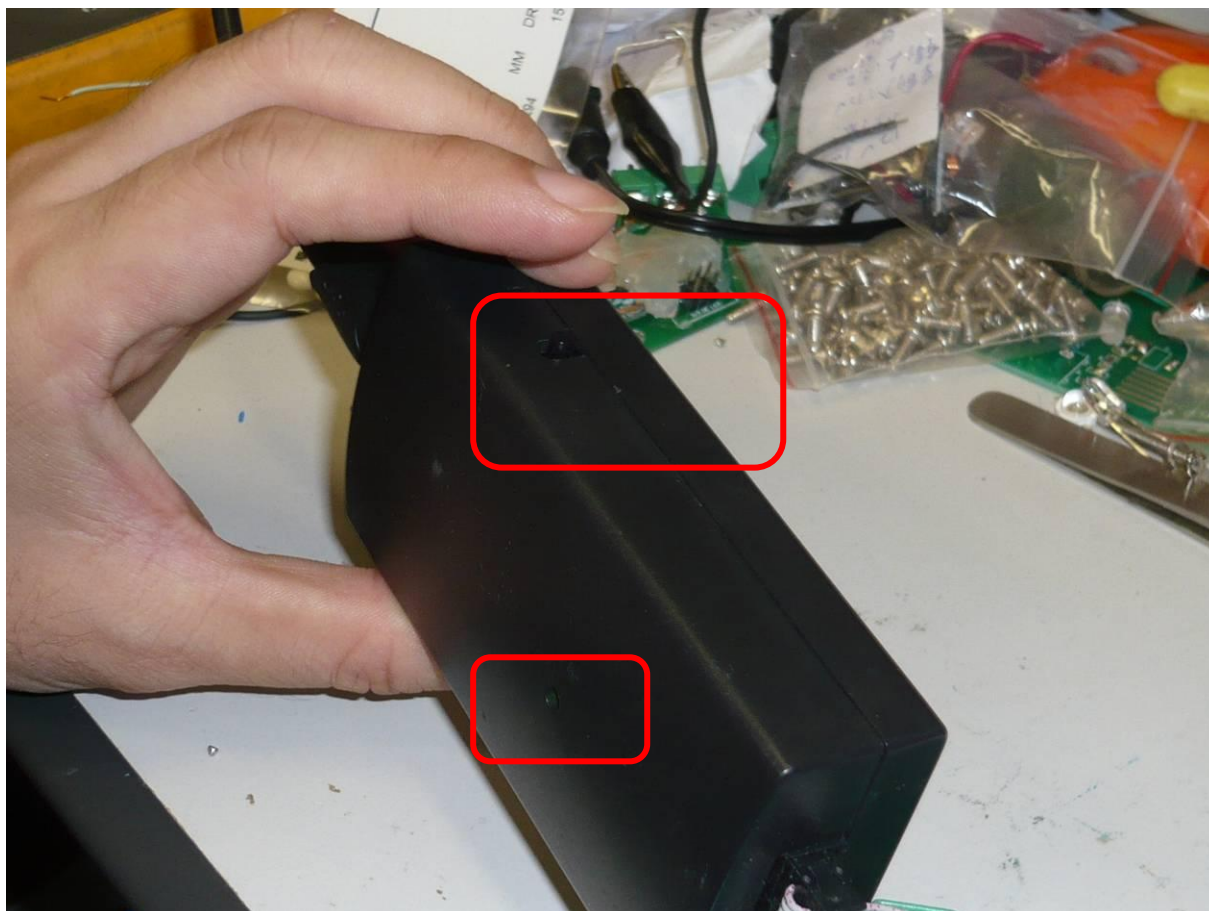
3) 將編程設備連接到 PC 的 USB 端口



4) 將編程設備連接到 PCB 板



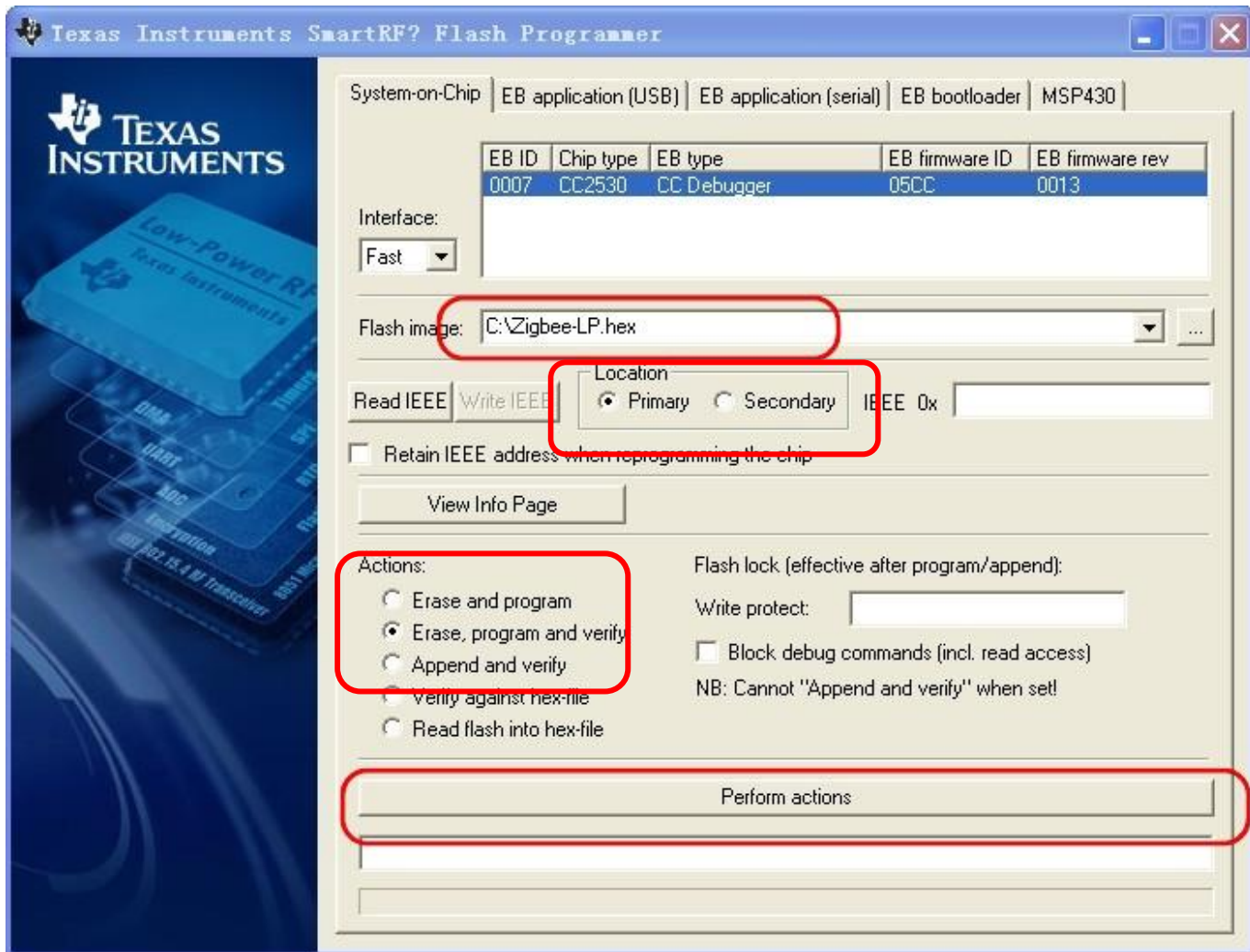
5) 按一下按鈕; 開啟後 Led 燈轉綠色

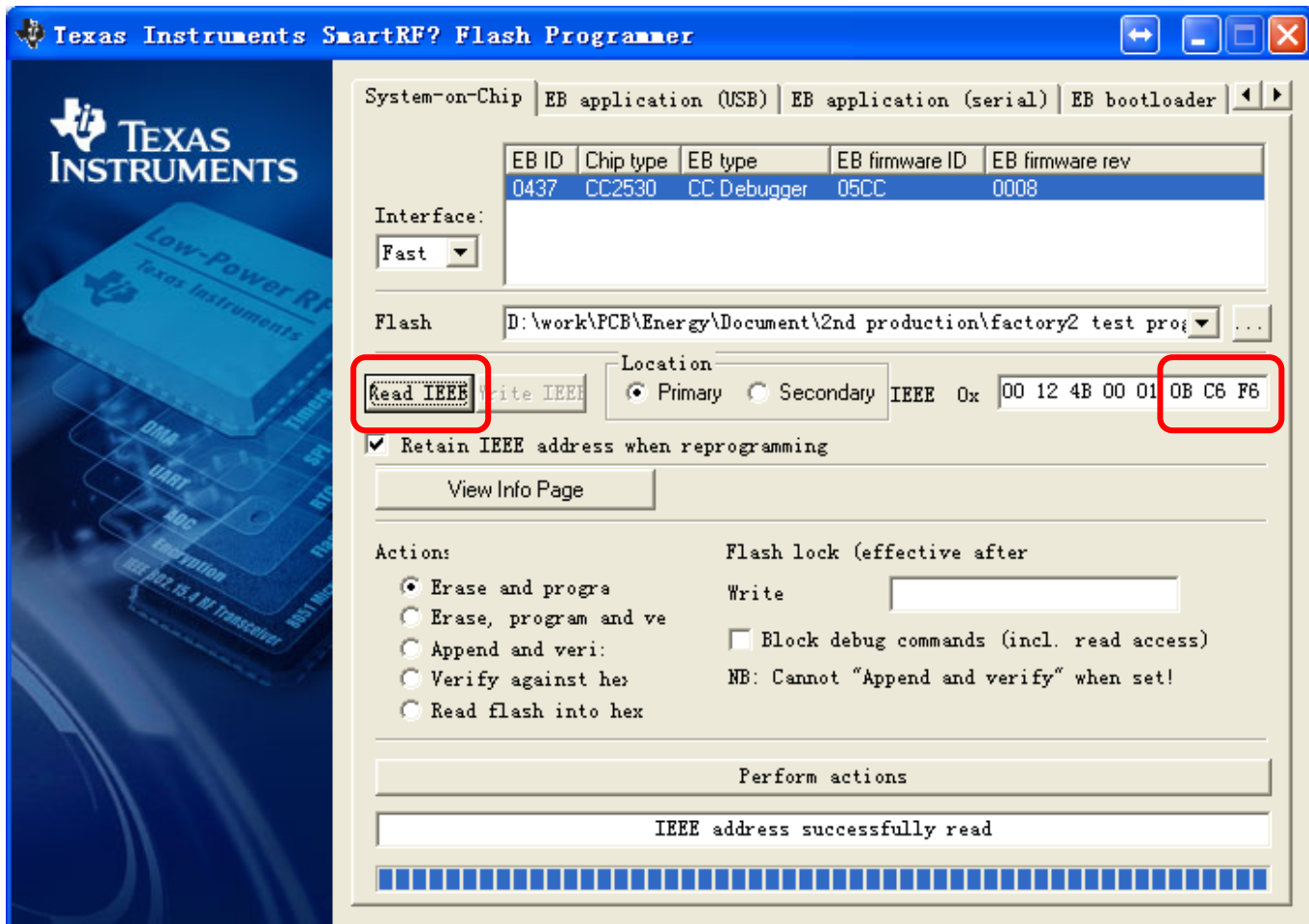


6) Startup → Programs → Texas Instruments → Smart Flash Programmer → Smart Flash Programmer



7) 選擇 “Zigbee-LP.hex” (低功耗板)



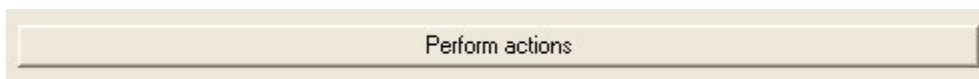


8) 按"Read IEEE", IEEE 0x 會顯示此機 ID

9) 把尾六位數抄於 PCB



10) 點擊 "Perform actions"



11) 把尾六位數抄於盒側



AVR flash 編程快速入門指南 (Panel board)

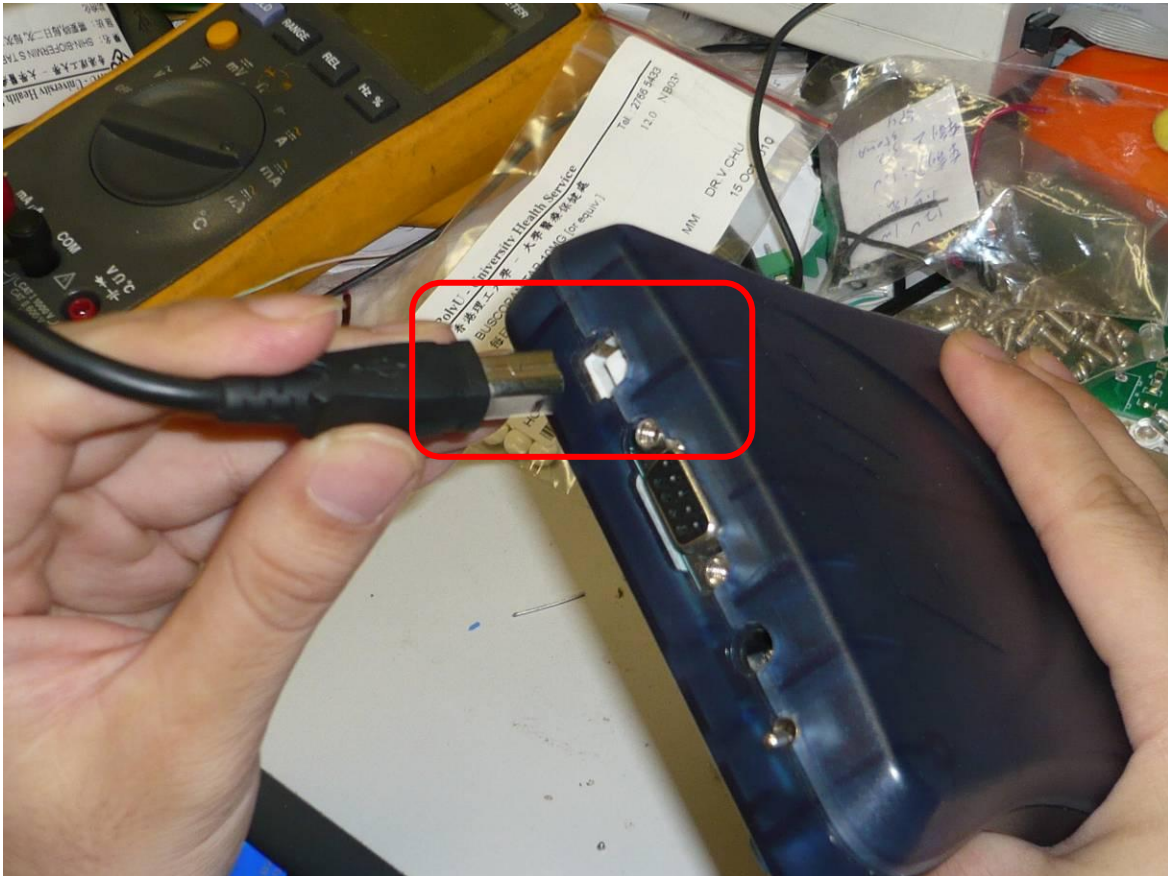
1) AVR windows 編程工具安裝



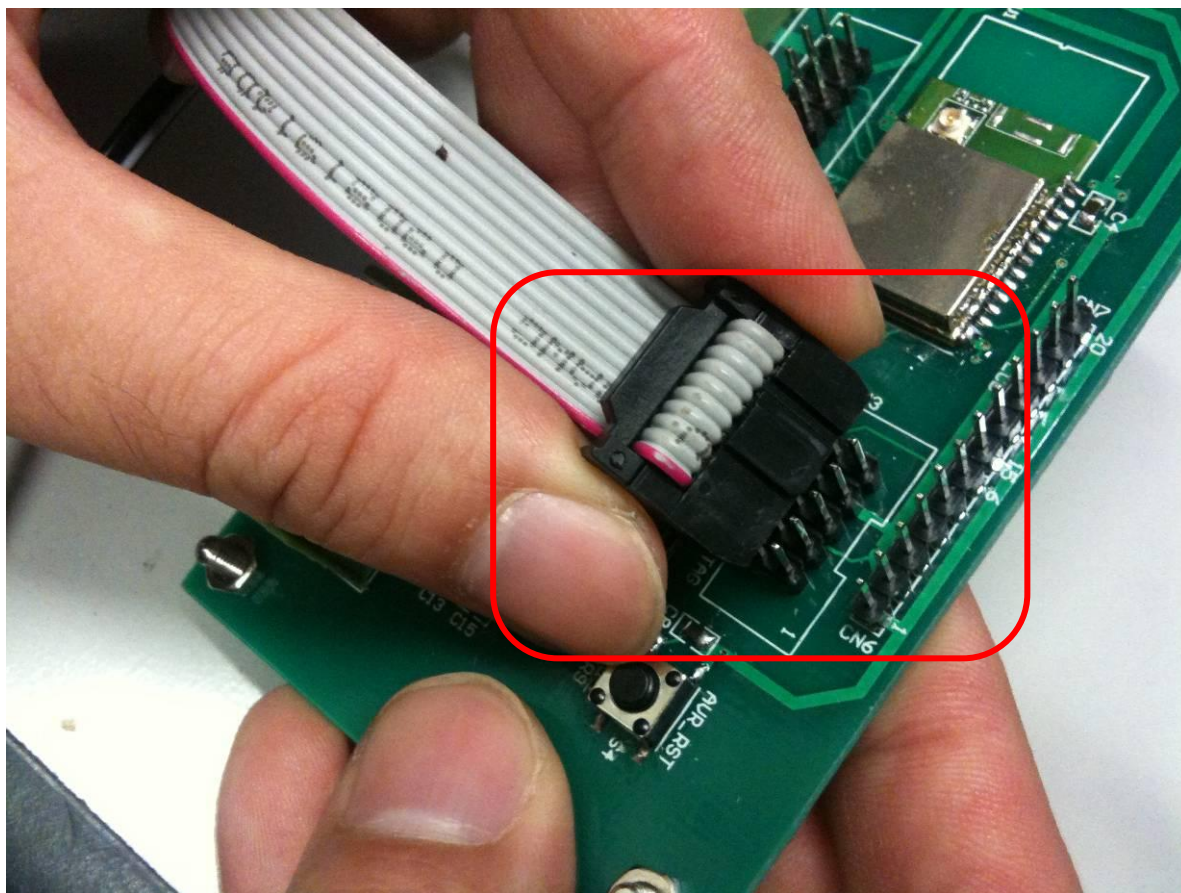
2) AVR windows 編程工具 SP 安裝



3) 將編程設備連接到 PC 的 USB 端口



- 4) PCB 板連接到 12VDC 電源
- 5) 將編程設備連接到 PCB 板

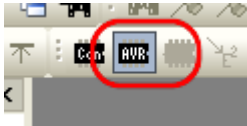


- 6) 開啟編程設備

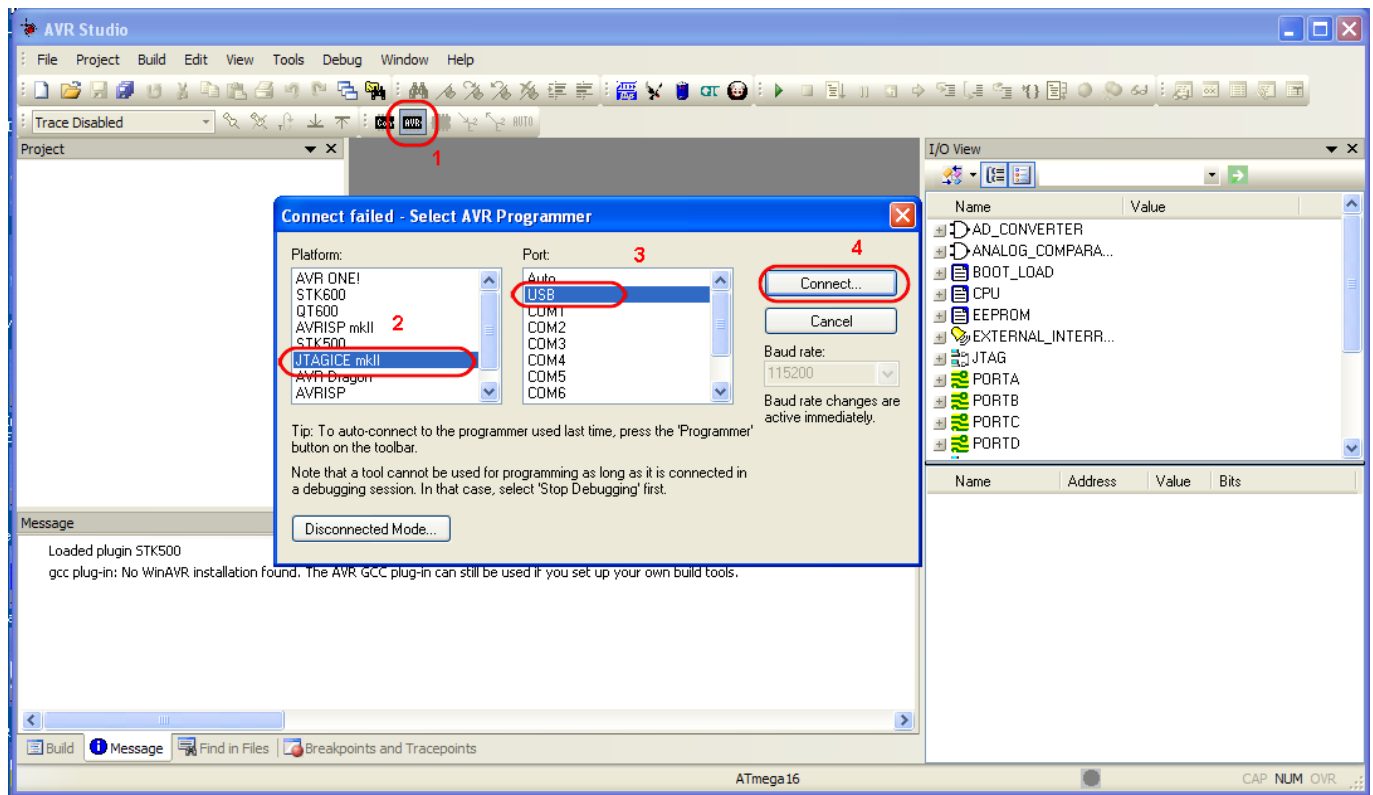


7) Startup → Programs → Atmel AVR tools → AVR Studio 4

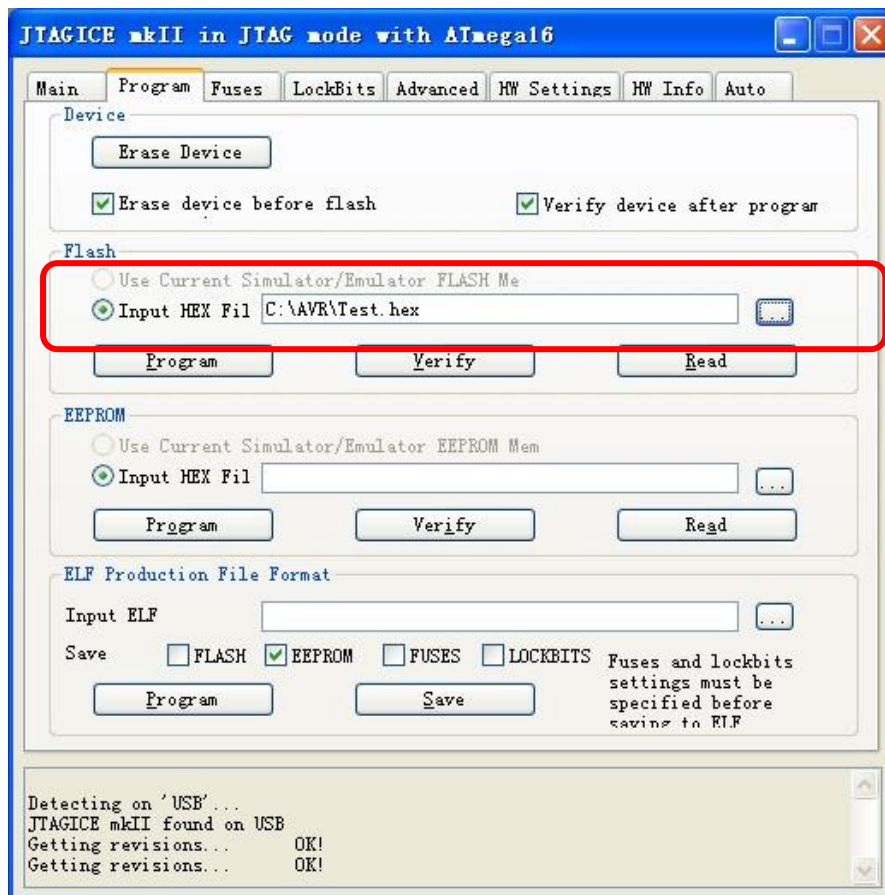
8) 點擊 “AVR”



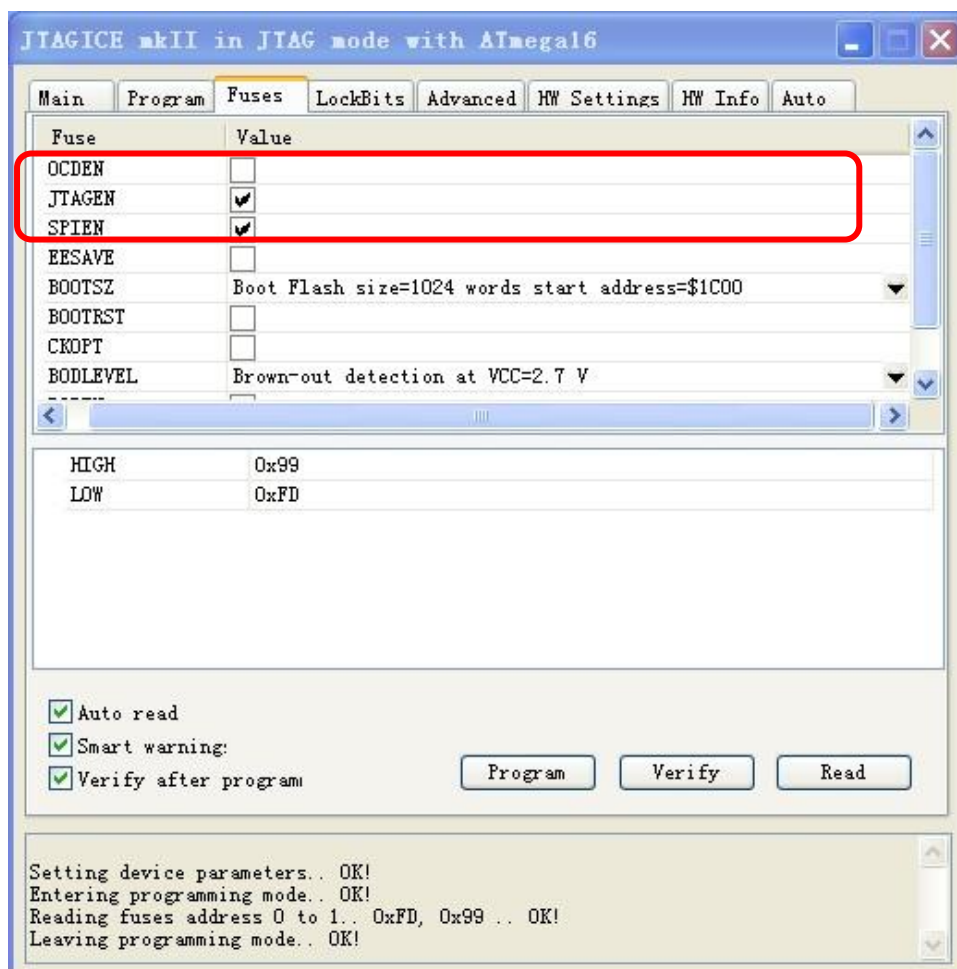
9)



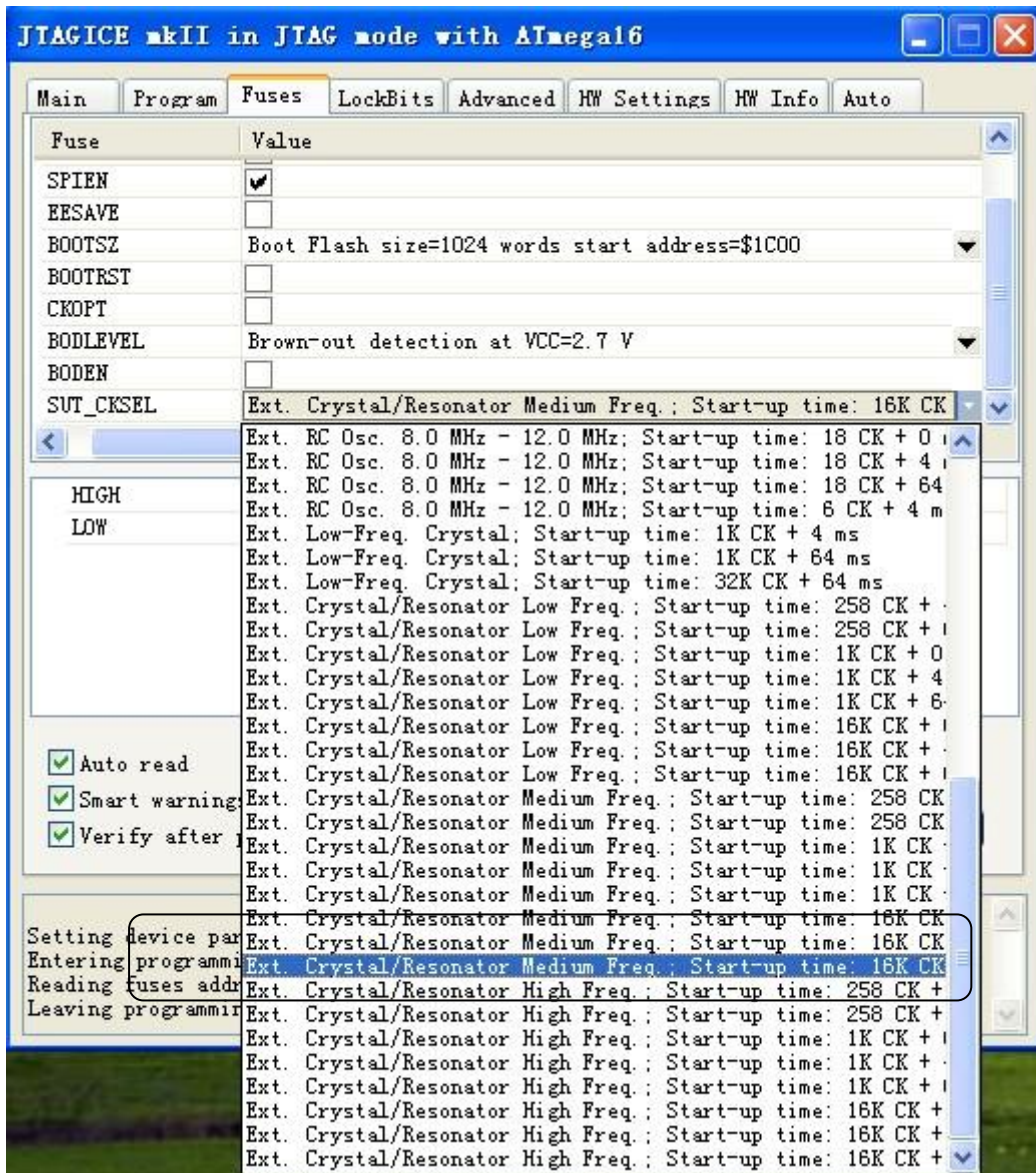
10) 到“Program” 選擇正確的 Hex 文件(AVR-Panel.hex →Panel 板)



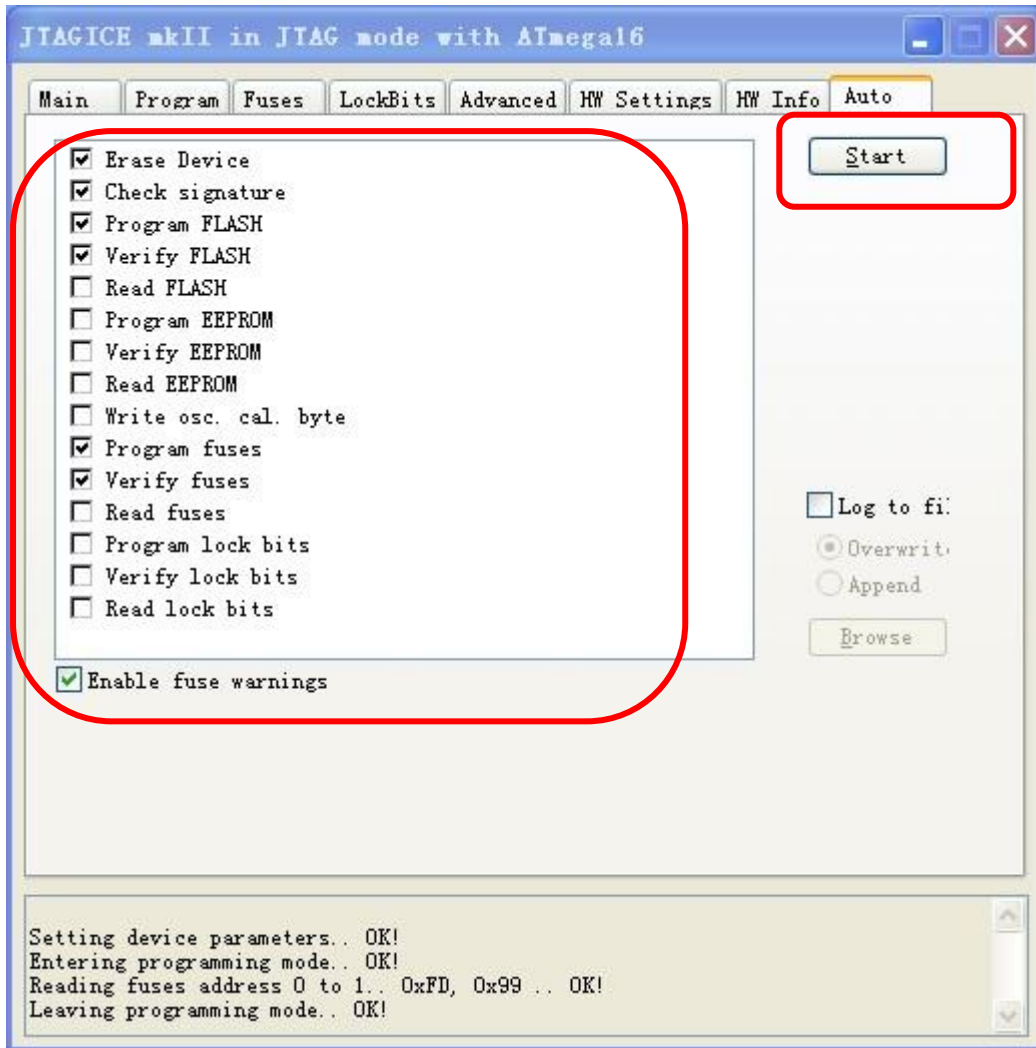
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14) 檢查編程狀態是否'OK'

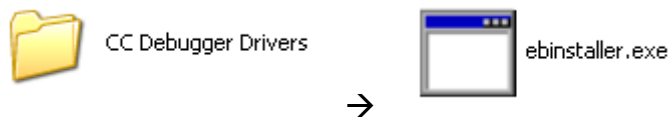
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FLASH contents is equal to file.. OK
Writing fuses address 0 to 1.. 0xFD, 0x99 .. OK!
Reading fuses address 0 to 1.. 0xFD, 0x99 .. OK!
Fuse bits verification.. OK
Leaving programming mode.. OK!
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Zigbee IC 編程快速入門指南 (Panel board)

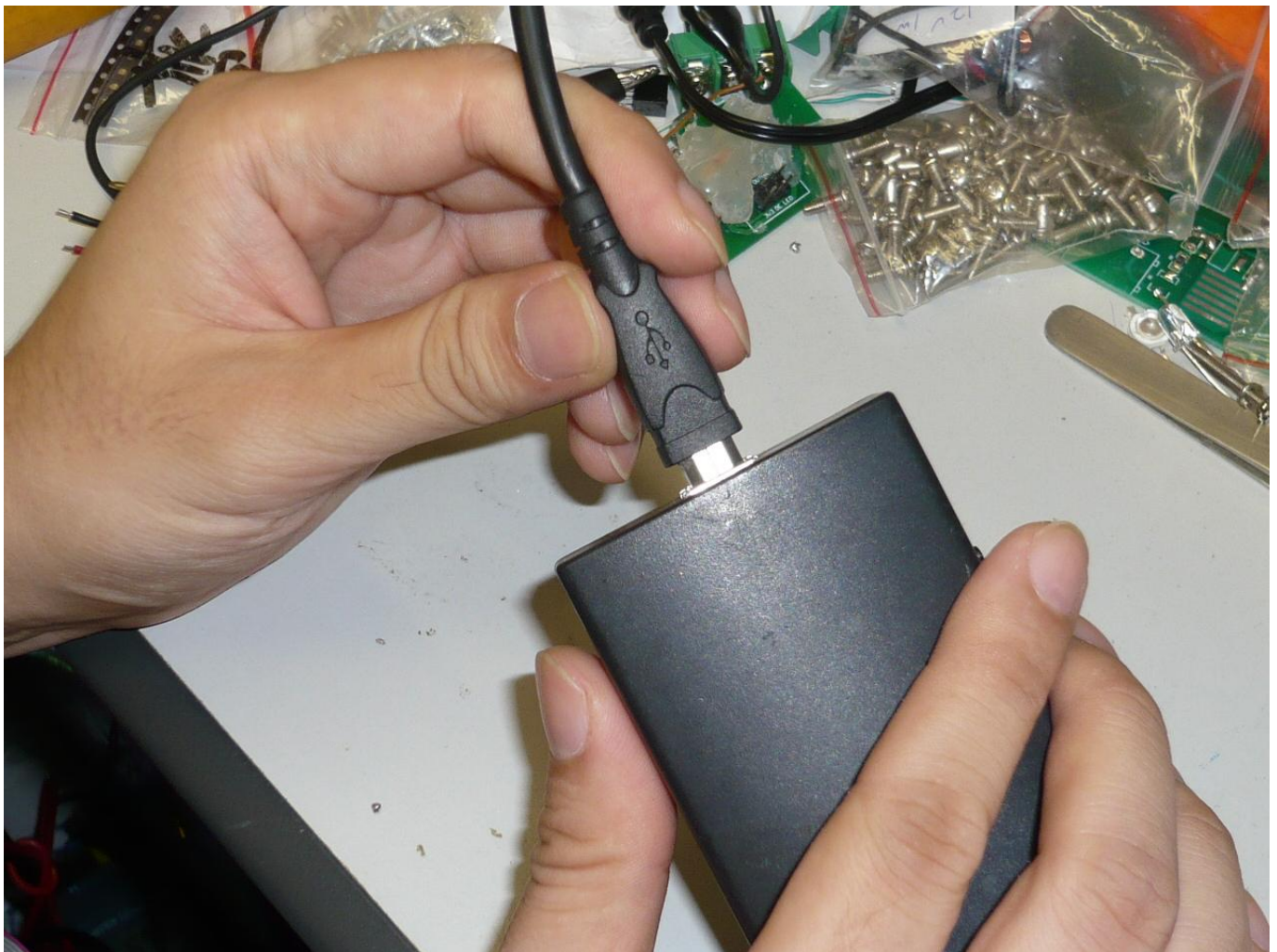
1) Zigbee 的 Windows 編程工具安裝



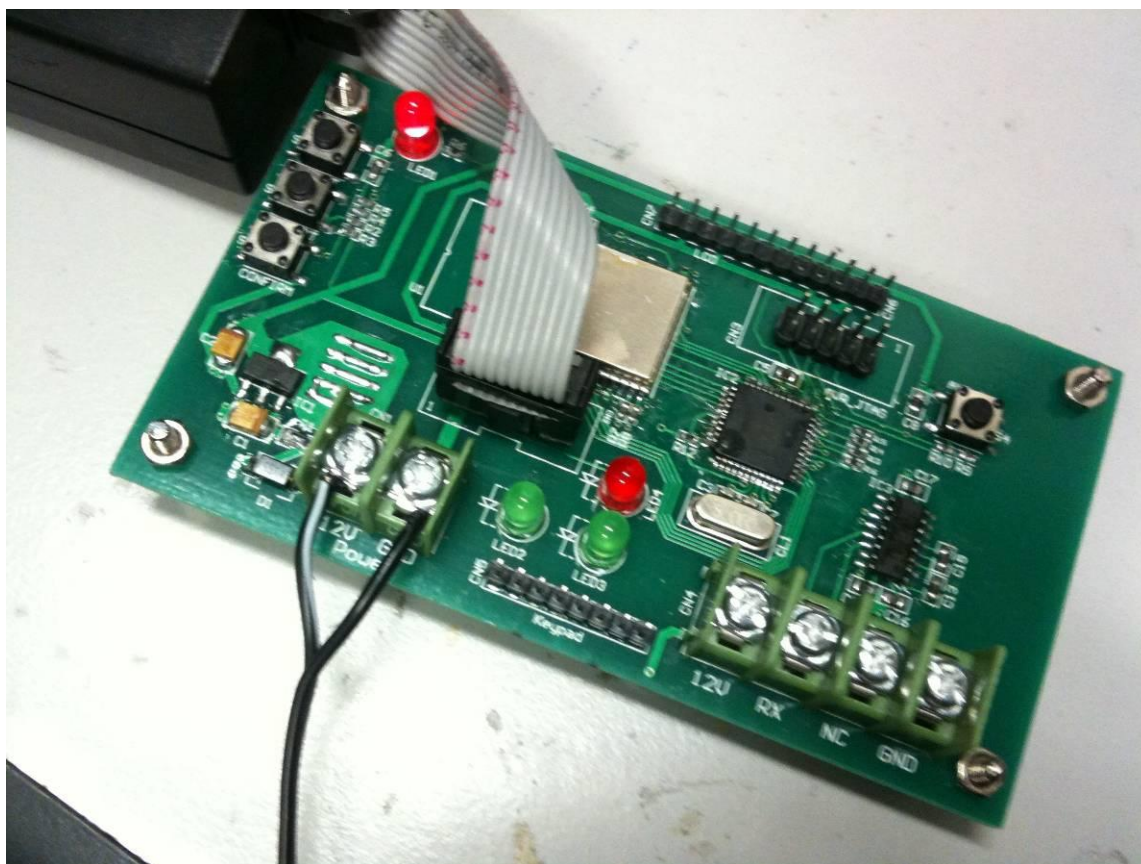
2) 驅動程序的安裝（如需）



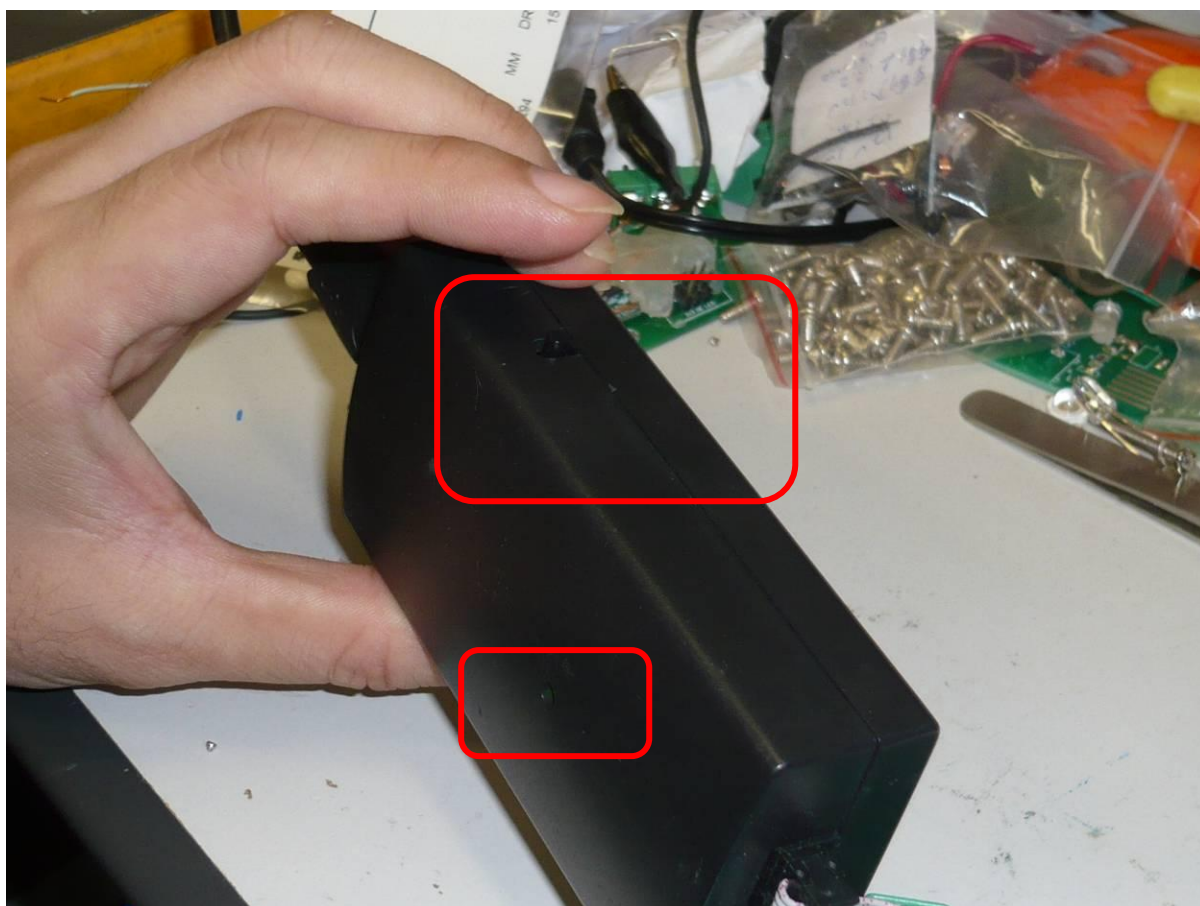
3) 將編程設備連接到 PC 的 USB 端口



4) 將編程設備連接到 PCB 板



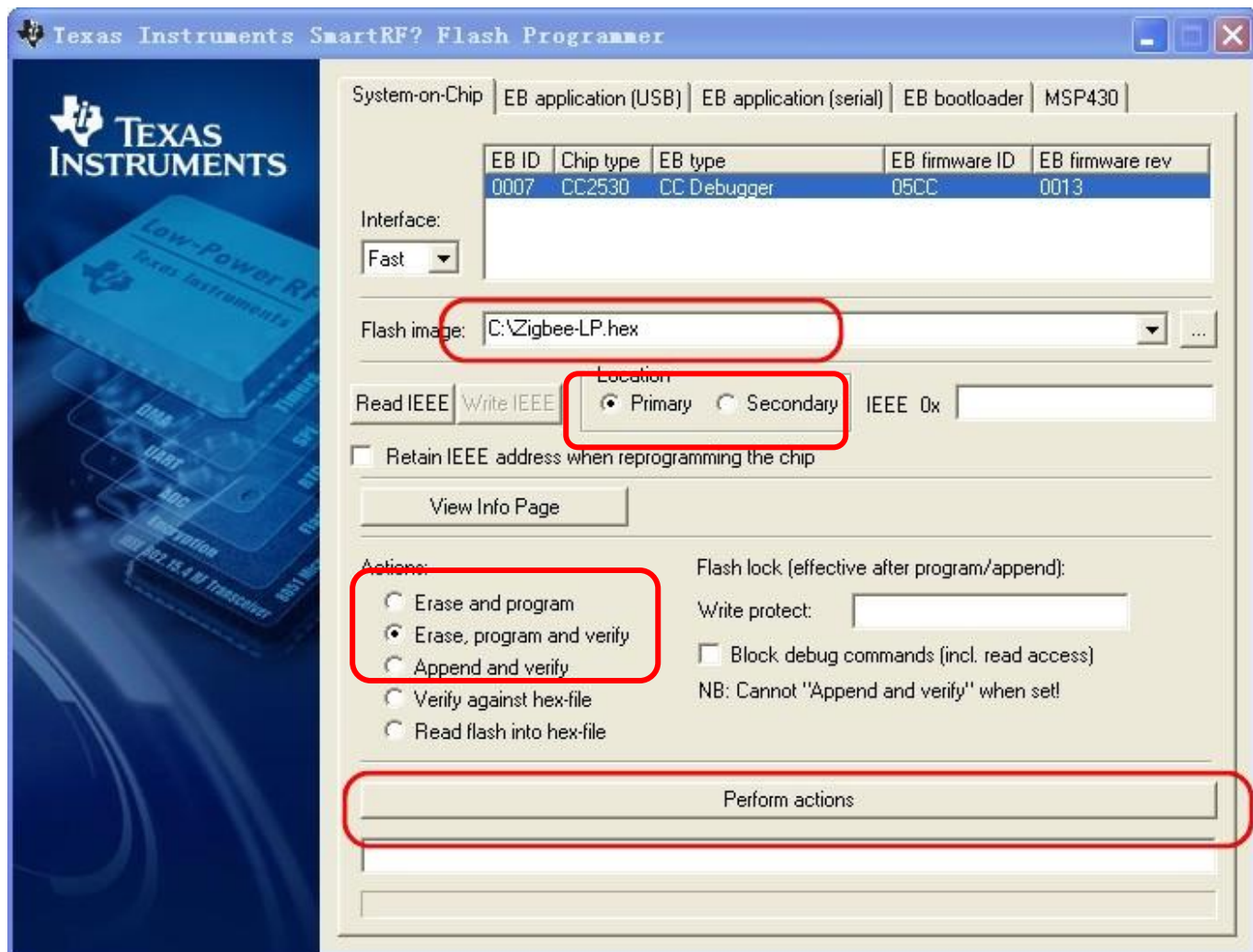
5) 按一下按鈕; 開啟後 Led 燈轉綠色

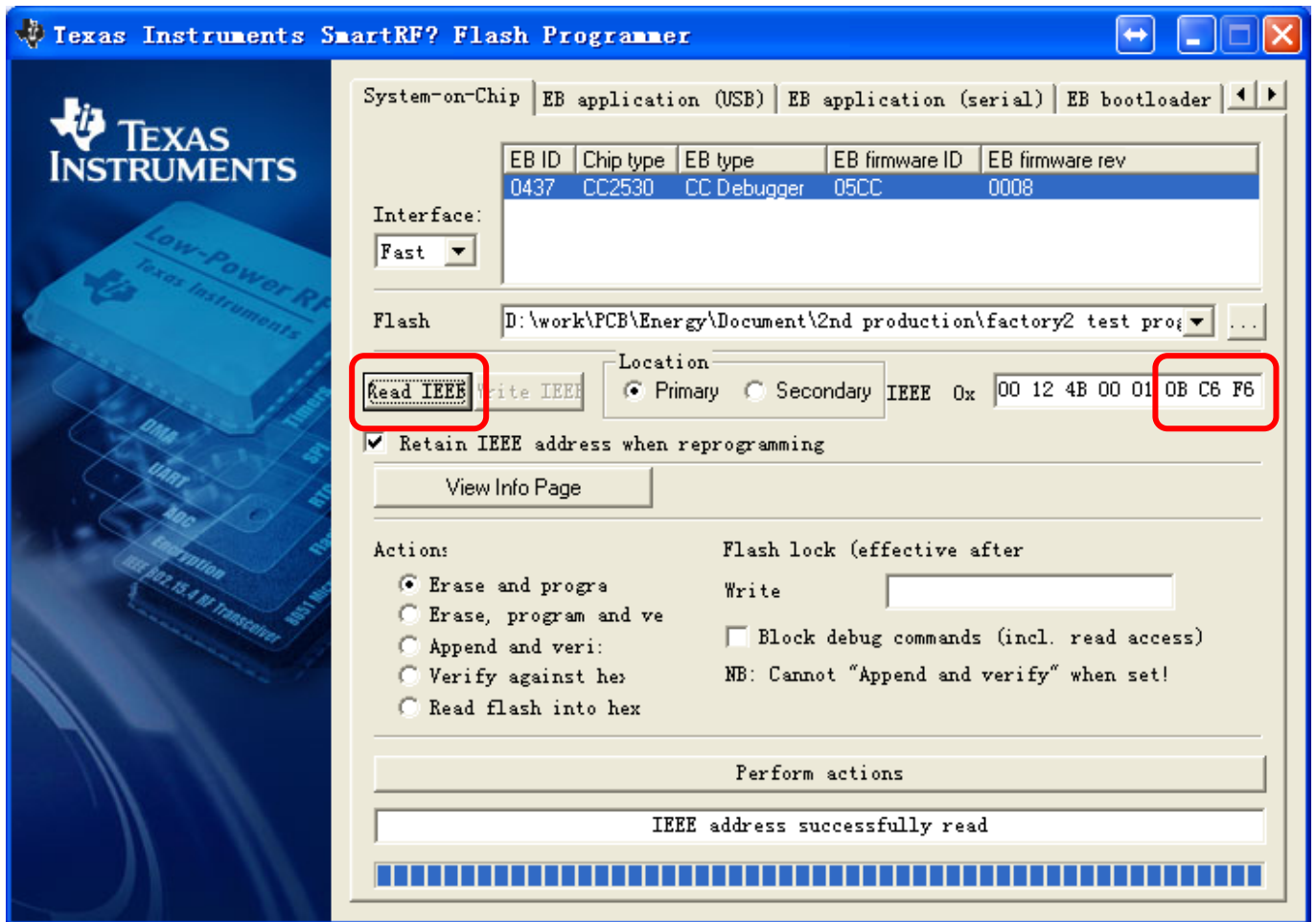


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7) 選擇 “Zigbee-LP.hex” (低功耗板)



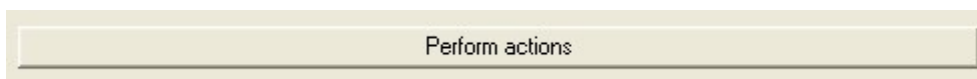


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