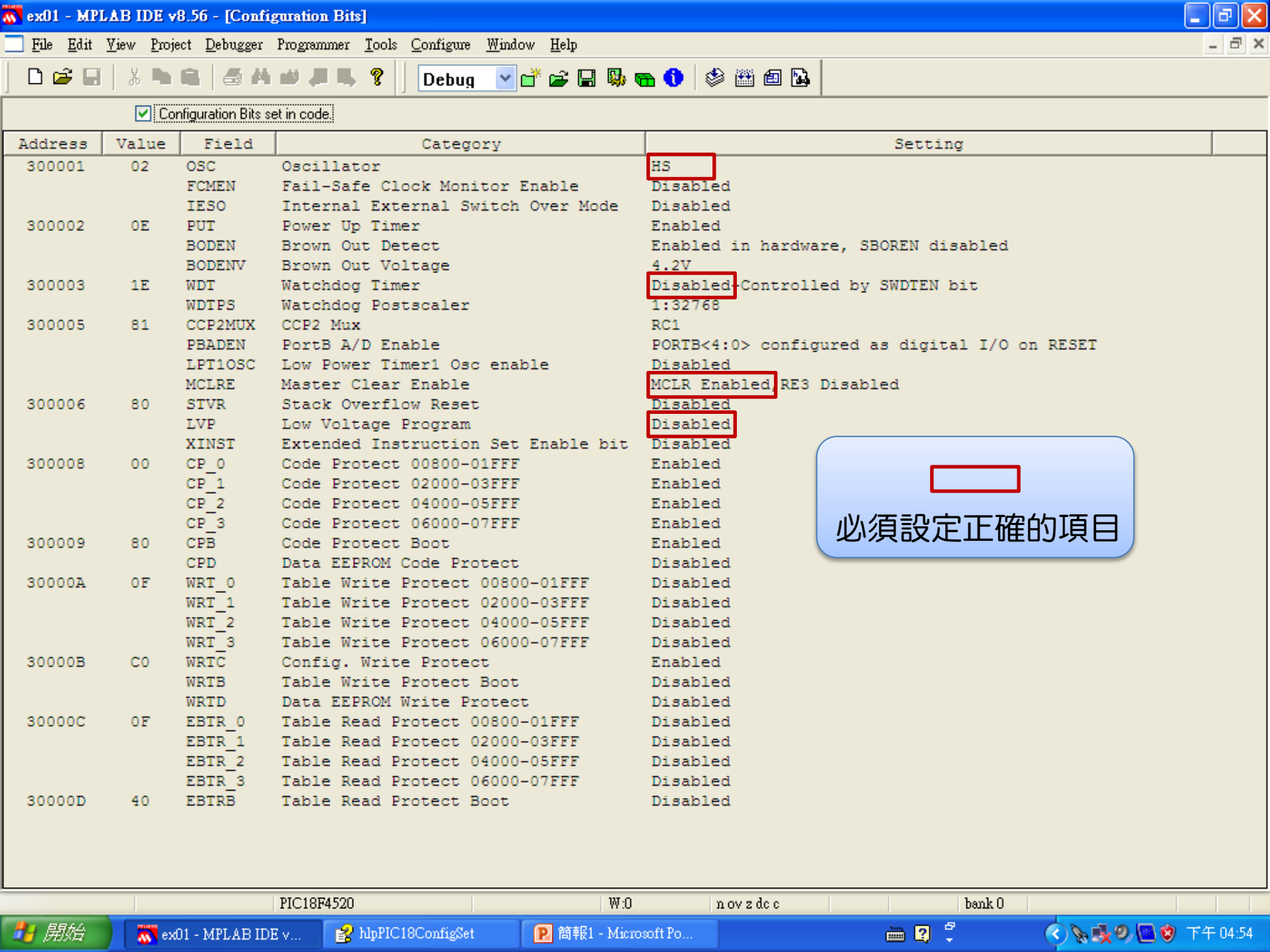
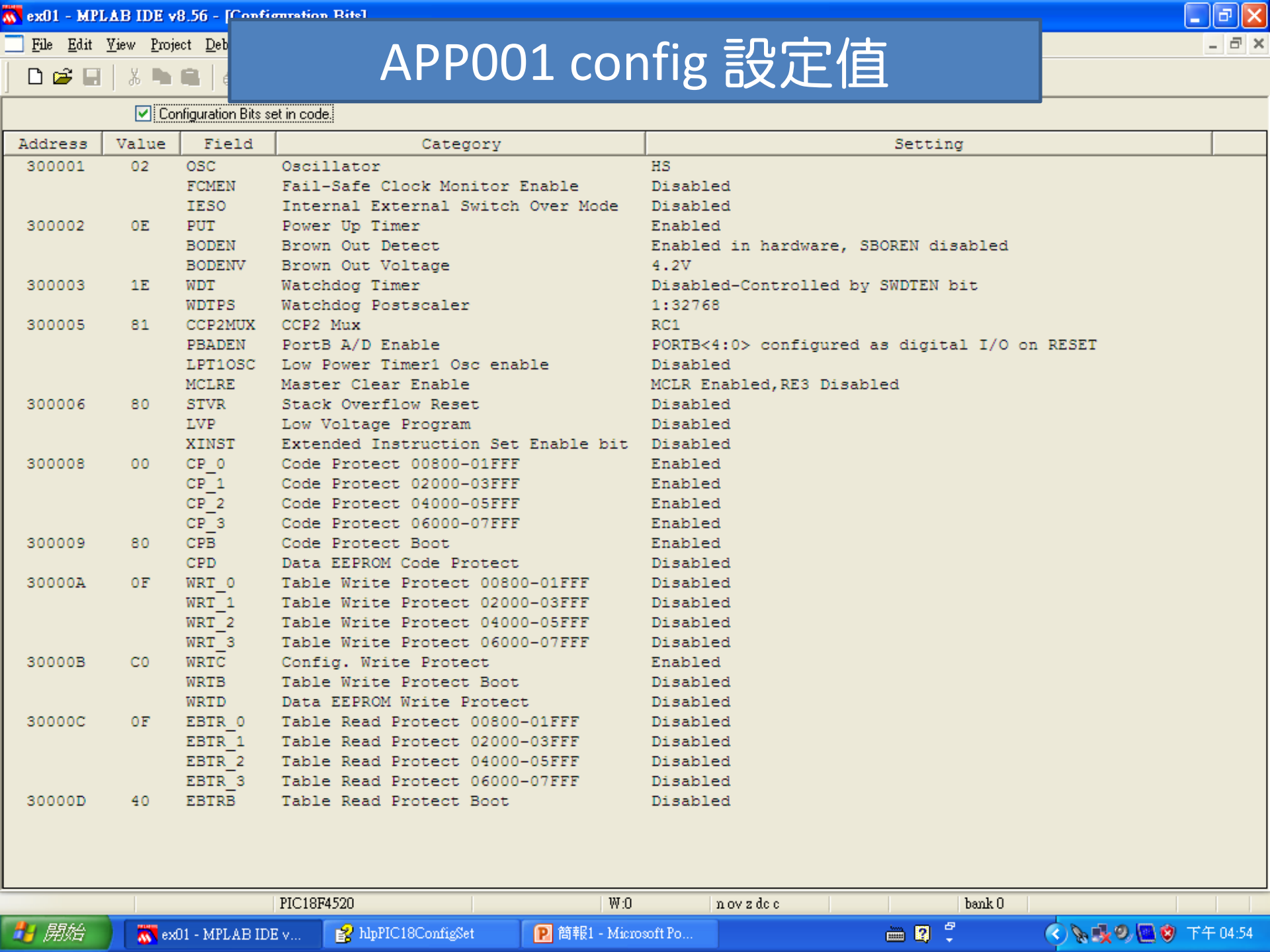
C18 config 設定

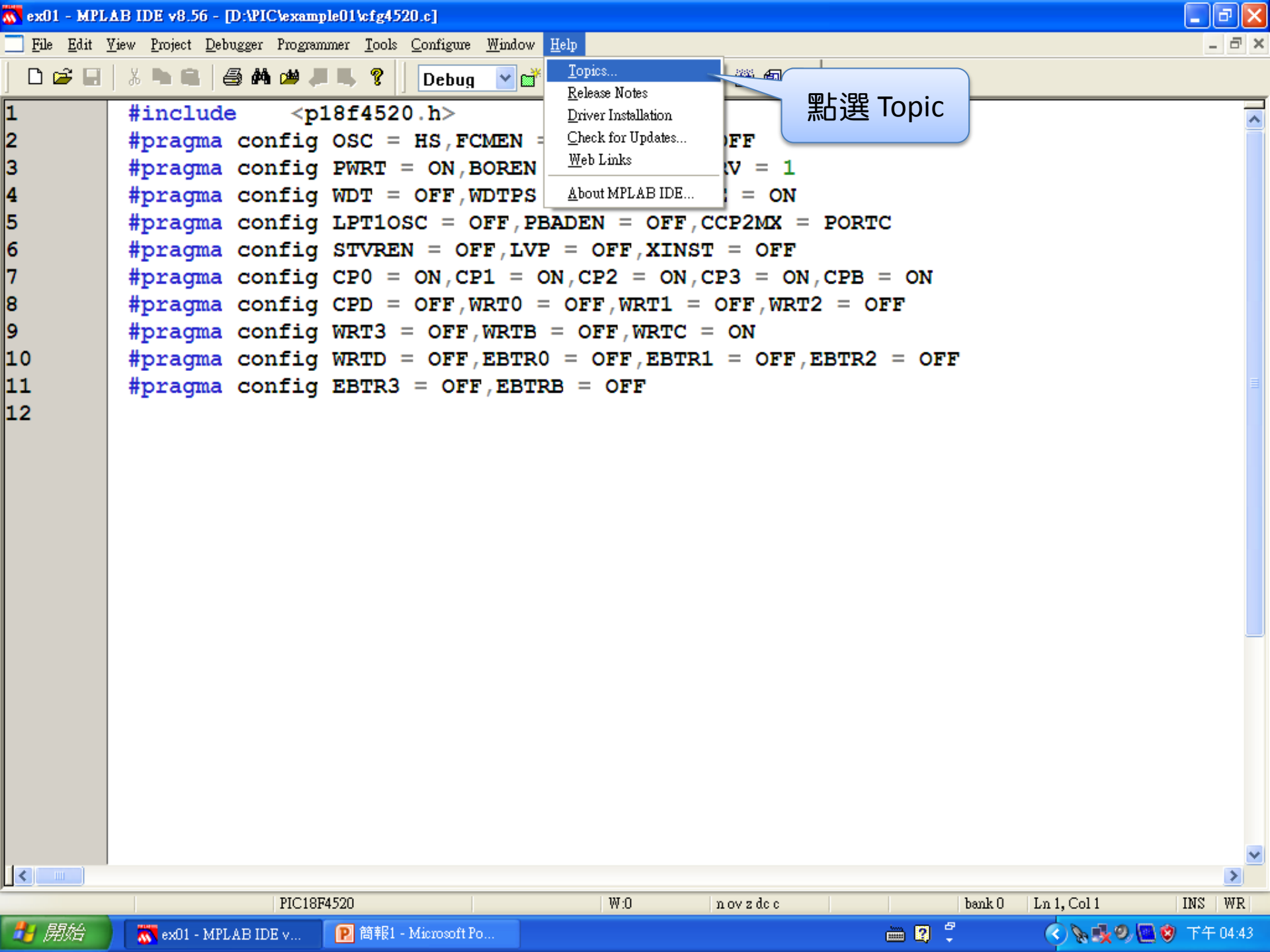

ex01 - MPLAB IDE v8.56 - [Configuration Bits]
File Edit View Project Debugger Programmer Tools Configure Window Help
Debug
Configuration Bits set in code
Address Value Field Category Setting
300001 02 OSC Oscillator HS
FCMEN Fail-Safe Clock Monitor Enable Disabled
IESO Internal External Switch Over Mode Disabled
300002 0E PUT Power Up Timer Enabled
BODEN Brown Out Detect Enabled in hardware, SBOREN disabled
BODENV Brown Out Voltage 4.2V
300003 1E WDT Watchdog Timer Disabled-Controlled by SWDTEN bit
WDTPS Watchdog Postscaler 1:32768
300005 81 CCP2MUX CCP2 Mux RC1
PBADEN PortB A/D Enable PORTB<4:0> configured as digital I/O on RESET
LPT1OSC Low Power Timer1 Osc enable Disabled
MCLRE Master Clear Enable MCLR Enabled, RE3 Disabled
300006 80 STVR Stack Overflow Reset Disabled
LVP Low Voltage Program Disabled
XINST Extended Instruction Set Enable bit Disabled
300008 00 CP_0 Code Protect 00800-01FFF Enabled
CP_1 Code Protect 02000-03FFF Enabled
CP_2 Code Protect 04000-05FFF Enabled
CP_3 Code Protect 06000-07FFF Enabled
300009 80 CPB Code Protect Boot Enabled
CPD Data EEPROM Code Protect Disabled
30000A 0F WRT_0 Table Write Protect 00800-01FFF Disabled
WRT_1 Table Write Protect 02000-03FFF Disabled
WRT_2 Table Write Protect 04000-05FFF Disabled
WRT_3 Table Write Protect 06000-07FFF Disabled
30000B C0 WRTC Config. Write Protect Enabled
WRTB Table Write Protect Boot Disabled
WRTD Data EEPROM Write Protect Disabled
30000C 0F EBTR_0 Table Read Protect 00800-01FFF Disabled
EBTR_1 Table Read Protect 02000-03FFF Disabled
EBTR_2 Table Read Protect 04000-05FFF Disabled
EBTR_3 Table Read Protect 06000-07FFF Disabled
30000D 40 EBTRB Table Read Protect Boot Disabled
必須設定正確的項目
PIC18F4520 W:0 n ov z dc c bank 0
開始 ex01 - MPLAB IDE v... hlpPIC18ConfigSet 簡報1 - Microsoft Po... 下午 04:54

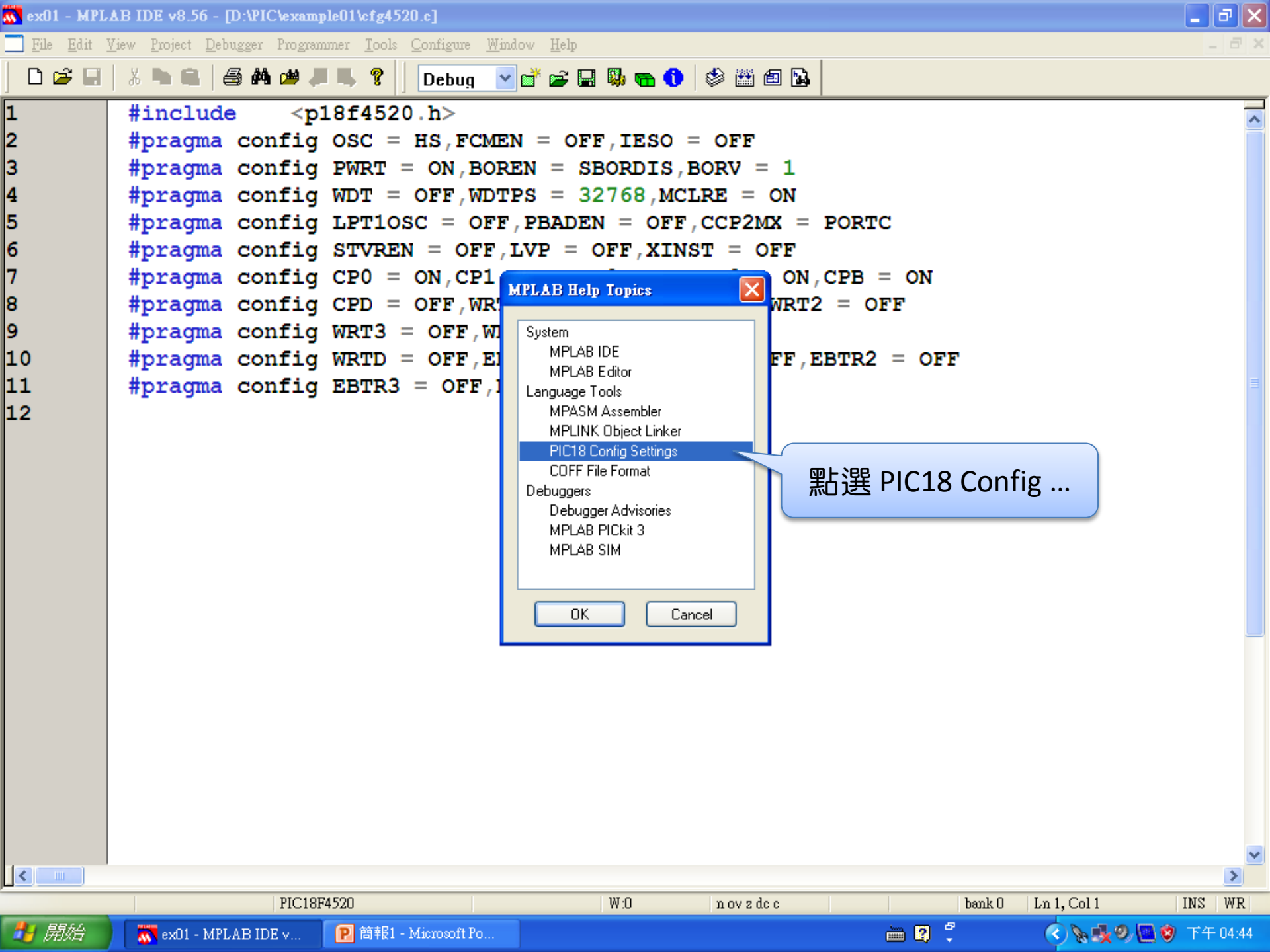
APP001 config 設定值

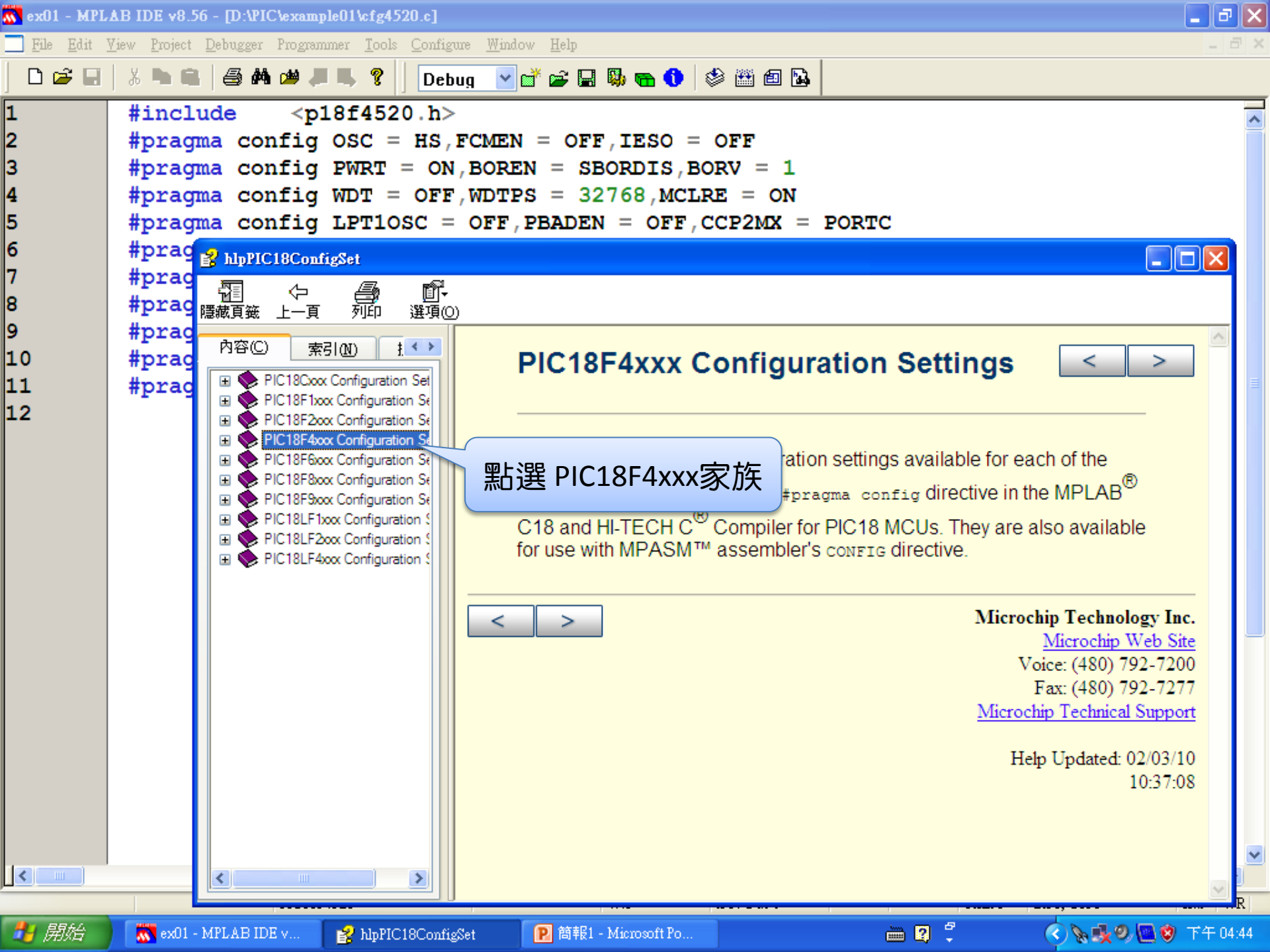


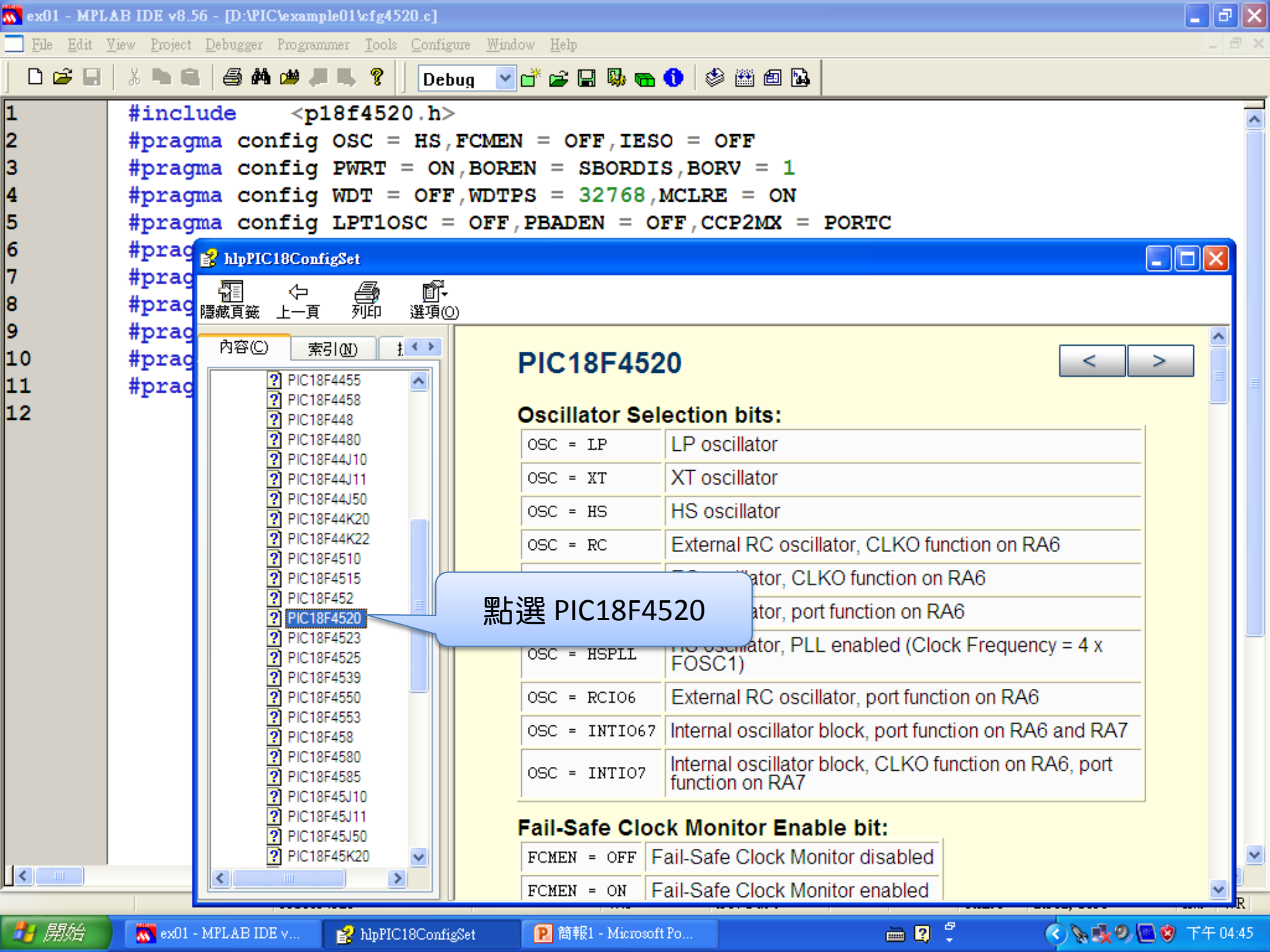
Address	Value	Field	Category	Setting
300001	02	OSC	Oscillator	HS
		FCMEN	Fail-Safe Clock Monitor Enable	Disabled
		IESO	Internal External Switch Over Mode	Disabled
300002	0E	PUT	Power Up Timer	Enabled
		BODEN	Brown Out Detect	Enabled in hardware, SBOREN disabled
		BODENV	Brown Out Voltage	4.2V
300003	1E	WDT	Watchdog Timer	Disabled-Controlled by SWDTEN bit
		WDTPS	Watchdog Postscaler	1:32768
300005	81	CCP2MUX	CCP2 Mux	RC1
		PBADEN	PortB A/D Enable	PORTB<4:0> configured as digital I/O on RESET
		LPT1OSC	Low Power Timer1 Osc enable	Disabled
		MCLRE	Master Clear Enable	MCLR Enabled,RE3 Disabled
300006	80	STVR	Stack Overflow Reset	Disabled
		LVP	Low Voltage Program	Disabled
		XINST	Extended Instruction Set Enable bit	Disabled
300008	00	CP_0	Code Protect 00800-01FFF	Enabled
		CP_1	Code Protect 02000-03FFF	Enabled
		CP_2	Code Protect 04000-05FFF	Enabled
		CP_3	Code Protect 06000-07FFF	Enabled
300009	80	CPB	Code Protect Boot	Enabled
		CPD	Data EEPROM Code Protect	Disabled
30000A	0F	WRT_0	Table Write Protect 00800-01FFF	Disabled
		WRT_1	Table Write Protect 02000-03FFF	Disabled
		WRT_2	Table Write Protect 04000-05FFF	Disabled
		WRT_3	Table Write Protect 06000-07FFF	Disabled
30000B	C0	WRTC	Config. Write Protect	Enabled
		WRTB	Table Write Protect Boot	Disabled
		WRTD	Data EEPROM Write Protect	Disabled
30000C	0F	EBTR_0	Table Read Protect 00800-01FFF	Disabled
		EBTR_1	Table Read Protect 02000-03FFF	Disabled
		EBTR_2	Table Read Protect 04000-05FFF	Disabled
		EBTR_3	Table Read Protect 06000-07FFF	Disabled
30000D	40	EBTRB	Table Read Protect Boot	Disabled

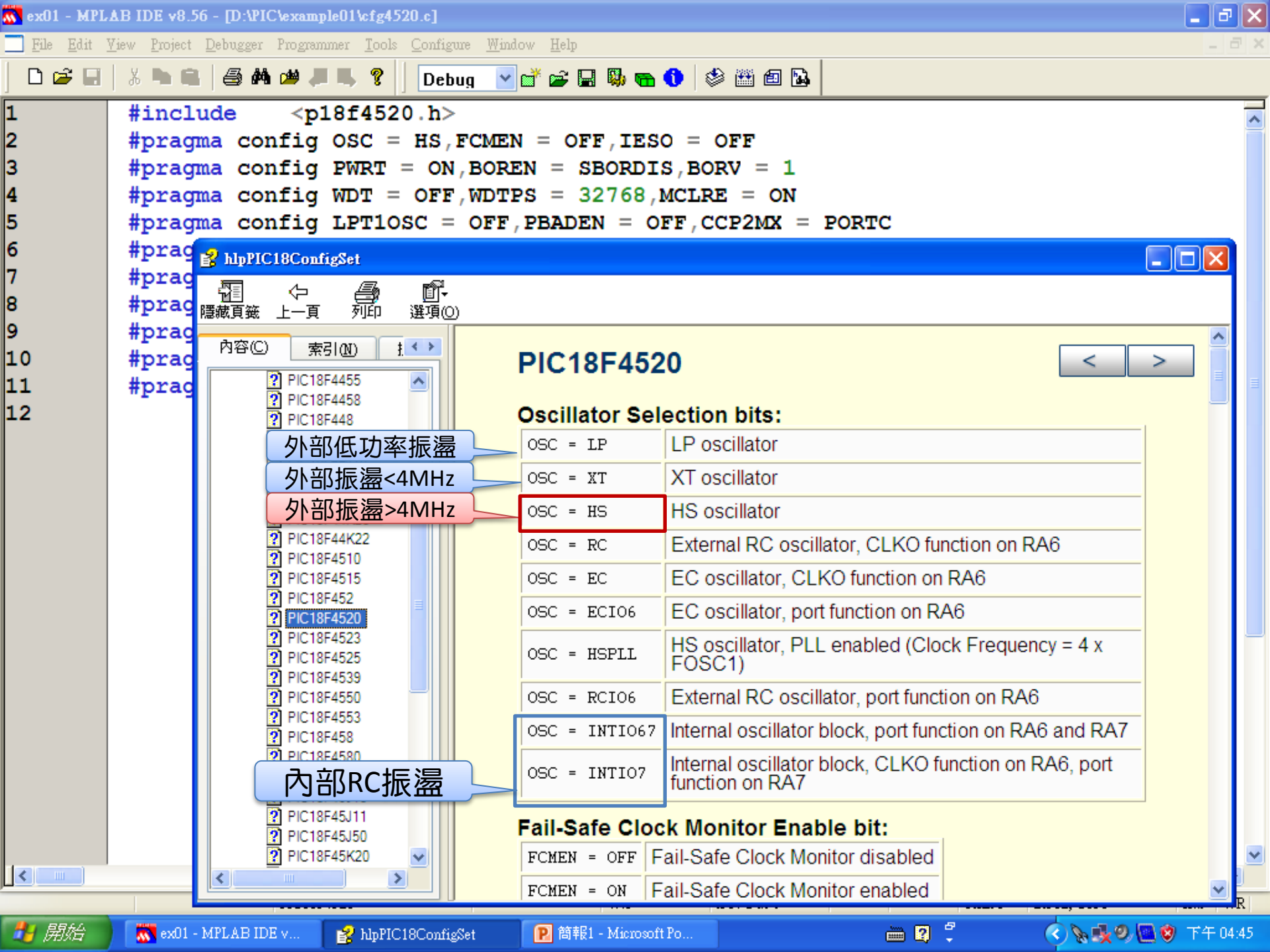

ex01 - MPLAB IDE v8.56 - [D:\PIC\example01\cfg4520.c]
File Edit View Project Debugger Programmer Tools Configure Window Help
Debug
1 #include <p18f4520.h>
2 #pragma config OSC = HS,FCMEN = OFF,IESO = OFF
3 #pragma config PWRT = ON,BOREN = SBORDIS,BORV = 1
4 #pragma config WDT = OFF,WDTPS = 32768,MCLRE = ON
5 #pragma config LPT1OSC = OFF,PBADEN = OFF,CCP2MX = PORTC
6 #pragma config STVREN = OFF,LVP = OFF,XINST = OFF
7 #pragma config CP0 = ON,CP1 = ON,CP2 = ON,CP3 = ON,CPB = ON
8 #pragma config CPD = OFF,WRT0 = OFF,WRT1 = OFF,WRT2 = OFF
9 #pragma config WRT3 = OFF,WRTB = OFF,WRTC = ON
10 #pragma config WRTD = OFF,EBTR0 = OFF,EBTR1 = OFF,EBTR2 = OFF
11 #pragma config EBTR3 = OFF,EBTRB = OFF
12
cfg4520.c
PIC18F4520 W:0 n ov z dc c bank 0 Ln 1, Col 1 INS WR
開始
ex01 - MPLAB IDE v...
簡報1 - Microsoft Po...
下午 04:42

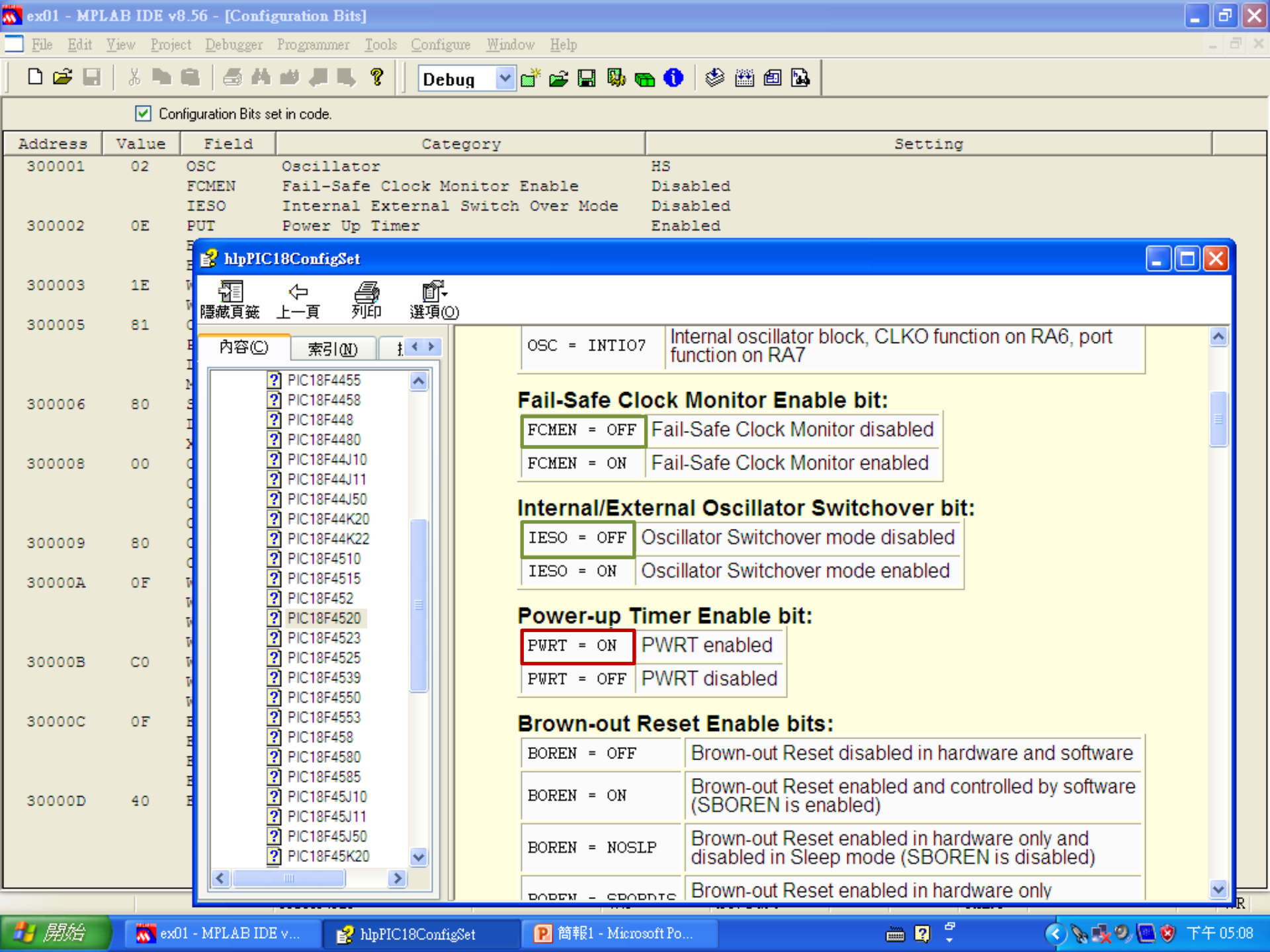

ex01 - MPLAB IDE v8.56 - [D:\PIC\example01\cfg4520.c]
File Edit View Project Debugger Programmer Tools Configure Window Help
Topics...
Release Notes
Driver Installation
Check for Updates...
Web Links
About MPLAB IDE...
點選 Topic
Debug
1 #include <p18f4520.h>
2 #pragma config OSC = HS,FCMEN =
3 #pragma config PWRT = ON,BOREN
4 #pragma config WDT = OFF,WDTPS
5 #pragma config LPT1OSC = OFF,PBADEN = OFF,CCP2MX = PORTC
6 #pragma config STVREN = OFF,LVP = OFF,XINST = OFF
7 #pragma config CP0 = ON,CP1 = ON,CP2 = ON,CP3 = ON,CPB = ON
8 #pragma config CPD = OFF,WRT0 = OFF,WRT1 = OFF,WRT2 = OFF
9 #pragma config WRT3 = OFF,WRTB = OFF,WRTC = ON
10 #pragma config WRTD = OFF,EBTR0 = OFF,EBTR1 = OFF,EBTR2 = OFF
11 #pragma config EBTR3 = OFF,EBTRB = OFF
12
PIC18F4520 W:0 n ov z dc c bank 0 Ln 1, Col 1 INS WR
開始
ex01 - MPLAB IDE v...
簡報1 - Microsoft Po...
下午 04:43


ex01 - MPLAB IDE v8.56 - [D:\PIC\example01\cfg4520.c]
File Edit View Project Debugger Programmer Tools Configure Window Help
Debug
1 #include <p18f4520.h>
2 #pragma config OSC = HS,FCMEN = OFF,IESO = OFF
3 #pragma config PWRT = ON,BOREN = SBORDIS,BORV = 1
4 #pragma config WDT = OFF,WDTPS = 32768,MCLRE = ON
5 #pragma config LPT1OSC = OFF,PBADEN = OFF,CCP2MX = PORTC
6 #pragma config STVREN = OFF,LVP = OFF,XINST = OFF
7 #pragma config CP0 = ON,CP1
ON,CPB = ON
8 #pragma config CPD = OFF,WR
WRT2 = OFF
9 #pragma config WRT3 = OFF,W
10 #pragma config WRTD = OFF,E
FF,EBTR2 = OFF
11 #pragma config EBTR3 = OFF,
12
MPLAB Help Topics
System
MPLAB IDE
MPLAB Editor
Language Tools
MPASM Assembler
MPLINK Object Linker
PIC18 Config Settings
COFF File Format
Debuggers
Debugger Advisories
MPLAB PICkit 3
MPLAB SIM
OK
Cancel
點選 PIC18 Config …
PIC18F4520
W:0
n ov z dc c
bank 0
Ln 1, Col 1
INS
WR
開始
ex01 - MPLAB IDE v...
簡報1 - Microsoft Po...
下午 04:44


ex01 - MPLAB IDE v8.56 - [D:\PIC\example01\cfg4520.c]
File Edit View Project Debugger Programmer Tools Configure Window Help
Debug
#include <p18f4520.h>
#pragma config OSC = HS,FCMEN = OFF,IESO = OFF
#pragma config PWRT = ON,BOREN = SBORDIS,BORV = 1
#pragma config WDT = OFF,WDTPS = 32768,MCLRE = ON
#pragma config LPT1OSC = OFF,PBADEN = OFF,CCP2MX = PORTC
hlpPIC18ConfigSet
隱藏頁籤
上一頁
列印
選項(O)
內容(C)
索引(N)
PIC18Cxxx Configuration Set
PIC18F1xxx Configuration Se
PIC18F2xxx Configuration Se
PIC18F4xxx Configuration Se
PIC18F6xxx Configuration Se
PIC18F8xxx Configuration Se
PIC18F9xxx Configuration Se
PIC18LF1xxx Configuration S
PIC18LF2xxx Configuration S
PIC18LF4xxx Configuration S
點選 PIC18F4xxx家族
PIC18F4xxx Configuration Settings
ration settings available for each of the
#pragma config directive in the MPLAB®
C18 and HI-TECH C® Compiler for PIC18 MCUs. They are also available
for use with MPASM™ assembler's CONFIG directive.
Microchip Technology Inc.
Microchip Web Site
Voice: (480) 792-7200
Fax: (480) 792-7277
Microchip Technical Support
Help Updated: 02/03/10
10:37:08
開始
ex01 - MPLAB IDE v...
hlpPIC18ConfigSet
簡報1 - Microsoft Po...
下午 04:44


ex01 - MPLAB IDE v8.56 - [D:\PIC\example01\cfg4520.c]
File Edit View Project Debugger Programmer Tools Configure Window Help
Debug
1 #include <p18f4520.h>
2 #pragma config OSC = HS,FCMEN = OFF,IESO = OFF
3 #pragma config PWRT = ON,BOREN = SBORDIS,BORV = 1
4 #pragma config WDT = OFF,WDTPS = 32768,MCLRE = ON
5 #pragma config LPT1OSC = OFF,PBADEN = OFF,CCP2MX = PORTC
hlpPIC18ConfigSet
隱藏頁籤 上一頁 列印 選項(O)
內容(C) 索引(N)
PIC18F4455
PIC18F4458
PIC18F448
PIC18F4480
PIC18F44J10
PIC18F44J11
PIC18F44J50
PIC18F44K20
PIC18F44K22
PIC18F4510
PIC18F4515
PIC18F452
PIC18F4520
PIC18F4523
PIC18F4525
PIC18F4539
PIC18F4550
PIC18F4553
PIC18F458
PIC18F4580
PIC18F4585
PIC18F45J10
PIC18F45J11
PIC18F45J50
PIC18F45K20
點選 PIC18F4520
PIC18F4520
Oscillator Selection bits:
OSC = LP LP oscillator
OSC = XT XT oscillator
OSC = HS HS oscillator
OSC = RC External RC oscillator, CLKO function on RA6
OSC = HSPLL HS oscillator, PLL enabled (Clock Frequency = 4 x FOSC1)
OSC = RCIO6 External RC oscillator, port function on RA6
OSC = INTIO67 Internal oscillator block, port function on RA6 and RA7
OSC = INTIO7 Internal oscillator block, CLKO function on RA6, port function on RA7
Fail-Safe Clock Monitor Enable bit:
FCMEN = OFF Fail-Safe Clock Monitor disabled
FCMEN = ON Fail-Safe Clock Monitor enabled
開始
ex01 - MPLAB IDE v...
hlpPIC18ConfigSet
簡報1 - Microsoft Po...
下午 04:45


ex01 - MPLAB IDE v8.56 - [D:\PIC\example01\cfg4520.c]
File Edit View Project Debugger Programmer Tools Configure Window Help
Debug
1 #include <p18f4520.h>
2 #pragma config OSC = HS,FCMEN = OFF,IESO = OFF
3 #pragma config PWRT = ON,BOREN = SBORDIS,BORV = 1
4 #pragma config WDT = OFF,WDTPS = 32768,MCLRE = ON
5 #pragma config LPT1OSC = OFF,PBADEN = OFF,CCP2MX = PORTC
hlpPIC18ConfigSet
隱藏頁籤 上一頁 列印 選項(O)
內容(C) 索引(N)
PIC18F4455
PIC18F4458
PIC18F448
PIC18F44K22
PIC18F4510
PIC18F4515
PIC18F452
PIC18F4520
PIC18F4523
PIC18F4525
PIC18F4539
PIC18F4550
PIC18F4553
PIC18F458
PIC18F45J11
PIC18F45J50
PIC18F45K20
外部低功率振盪
外部振盪<4MHz
外部振盪>4MHz
內部RC振盪
PIC18F4520
Oscillator Selection bits:
OSC = LP LP oscillator
OSC = XT XT oscillator
OSC = HS HS oscillator
OSC = RC External RC oscillator, CLKO function on RA6
OSC = EC EC oscillator, CLKO function on RA6
OSC = ECIO6 EC oscillator, port function on RA6
OSC = HSPLL HS oscillator, PLL enabled (Clock Frequency = 4 x FOSC1)
OSC = RCIO6 External RC oscillator, port function on RA6
OSC = INTIO67 Internal oscillator block, port function on RA6 and RA7
OSC = INTIO7 Internal oscillator block, CLKO function on RA6, port function on RA7
Fail-Safe Clock Monitor Enable bit:
FCMEN = OFF Fail-Safe Clock Monitor disabled
FCMEN = ON Fail-Safe Clock Monitor enabled
開始
ex01 - MPLAB IDE v...
hlpPIC18ConfigSet
簡報1 - Microsoft Po...
下午 04:45


ex01 - MPLAB IDE v8.56 - [Configuration Bits]
File Edit View Project Debugger Programmer Tools Configure Window Help
Debug
Configuration Bits set in code.
Address Value Field Category Setting
300001 02 OSC Oscillator HS
FCMEN Fail-Safe Clock Monitor Enable Disabled
IESO Internal External Switch Over Mode Disabled
300002 0E PUT Power Up Timer Enabled
300003 1E
300005 81
300006 80
300008 00
300009 80
30000A 0F
30000B C0
30000C 0F
30000D 40
hlpPIC18ConfigSet
隱藏頁籤 上一頁 列印 選項(O)
內容(C) 索引(N)
PIC18F4455
PIC18F4458
PIC18F448
PIC18F4480
PIC18F44J10
PIC18F44J11
PIC18F44J50
PIC18F44K20
PIC18F44K22
PIC18F4510
PIC18F4515
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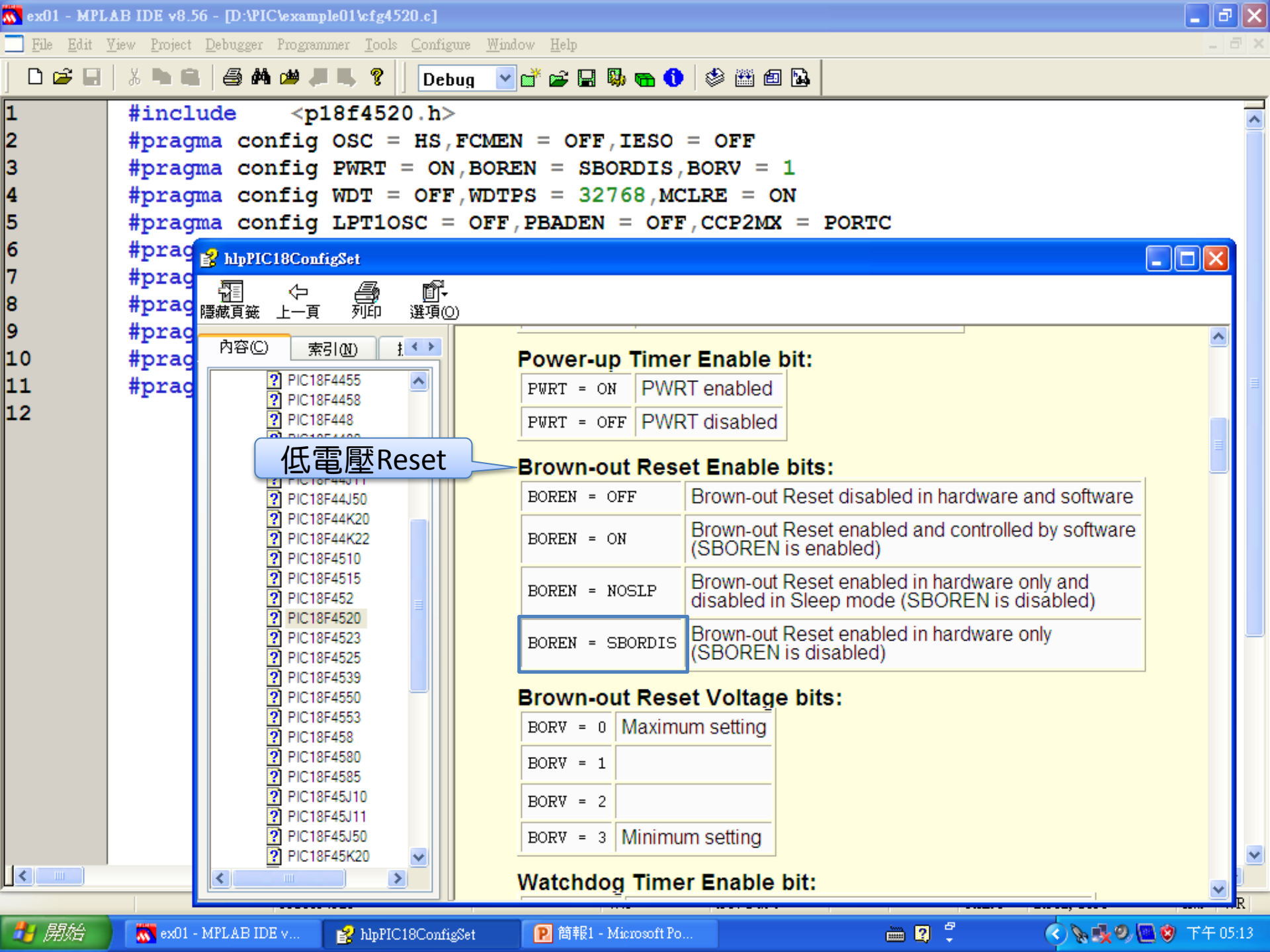
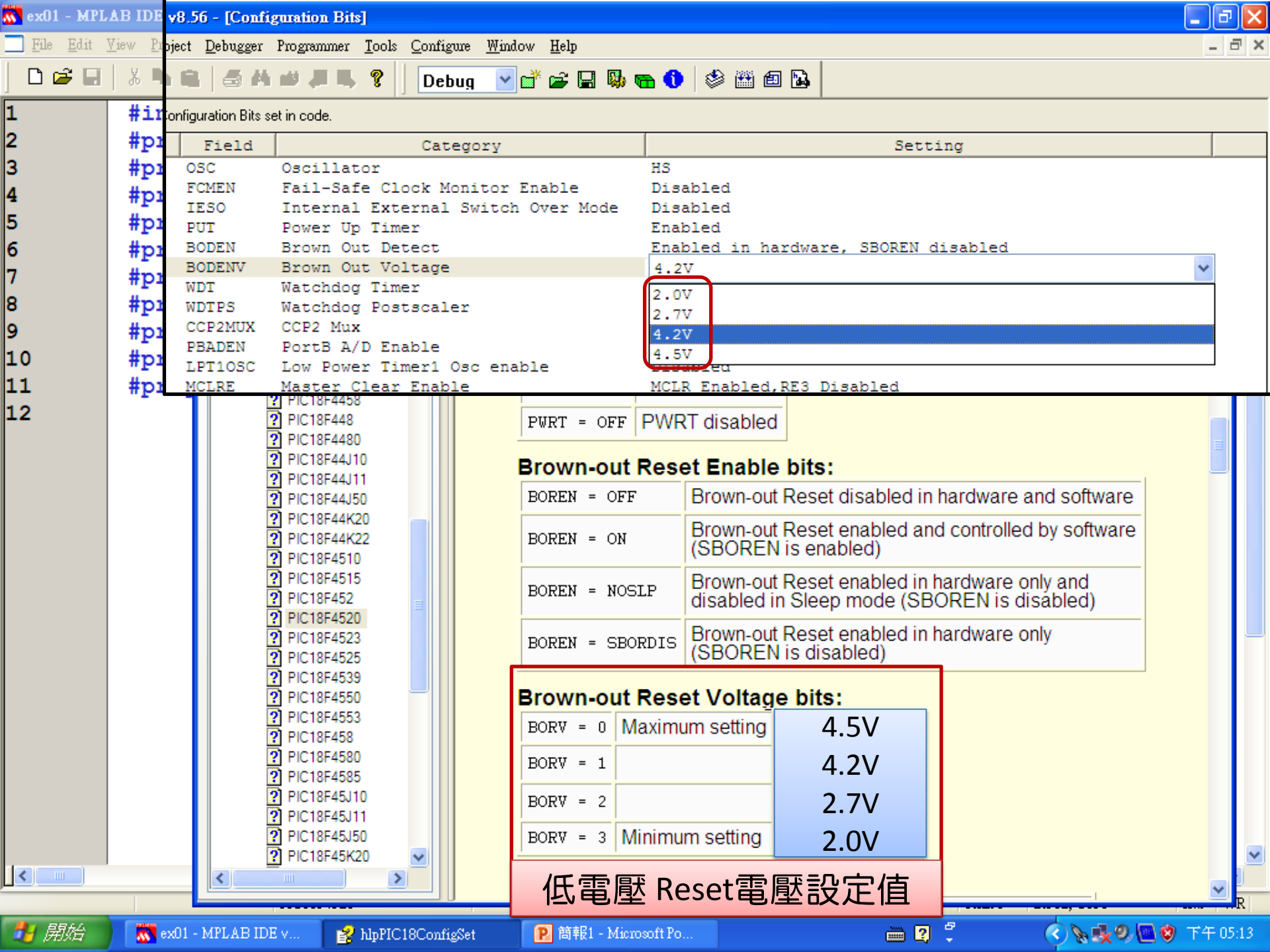
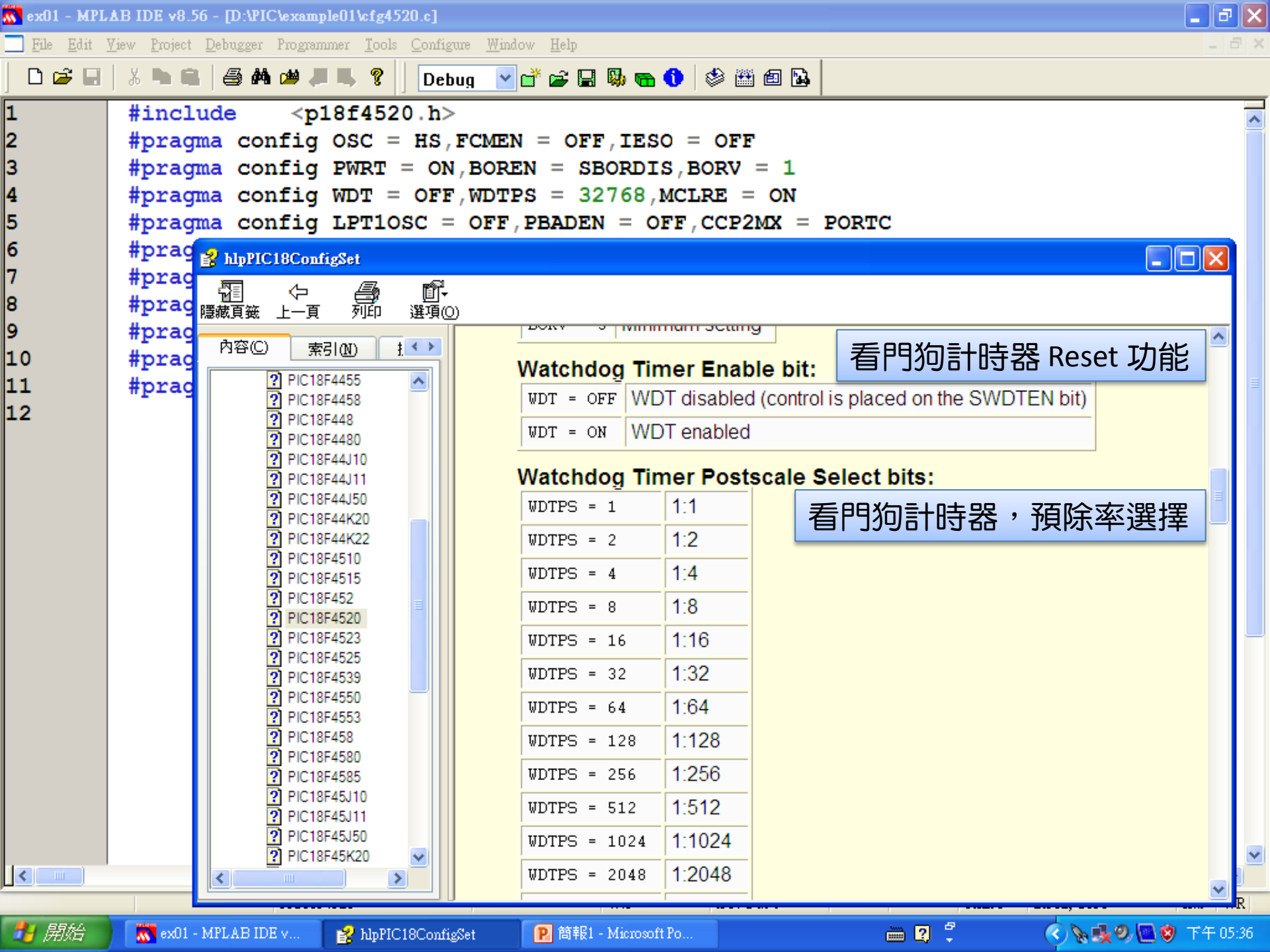
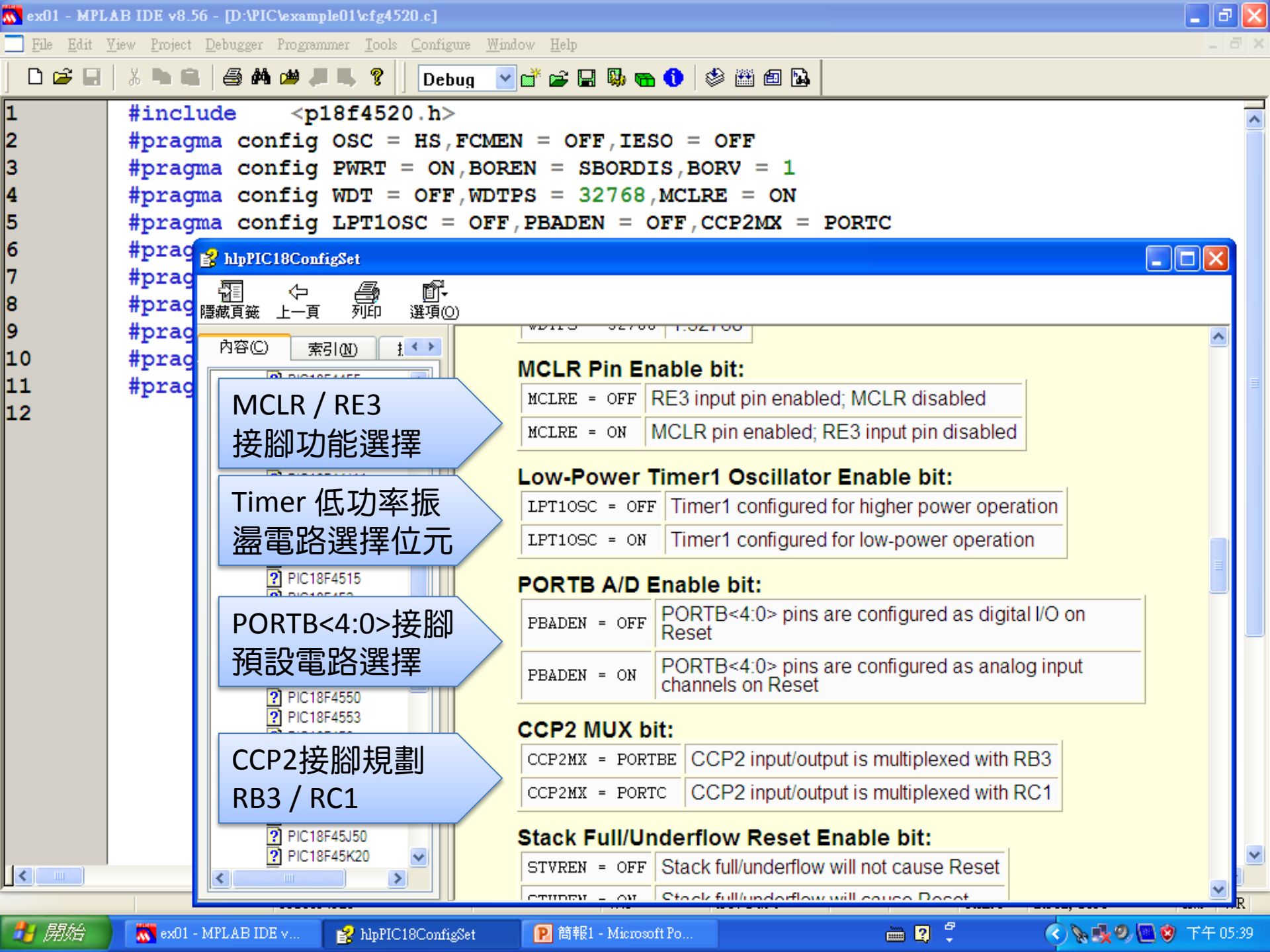
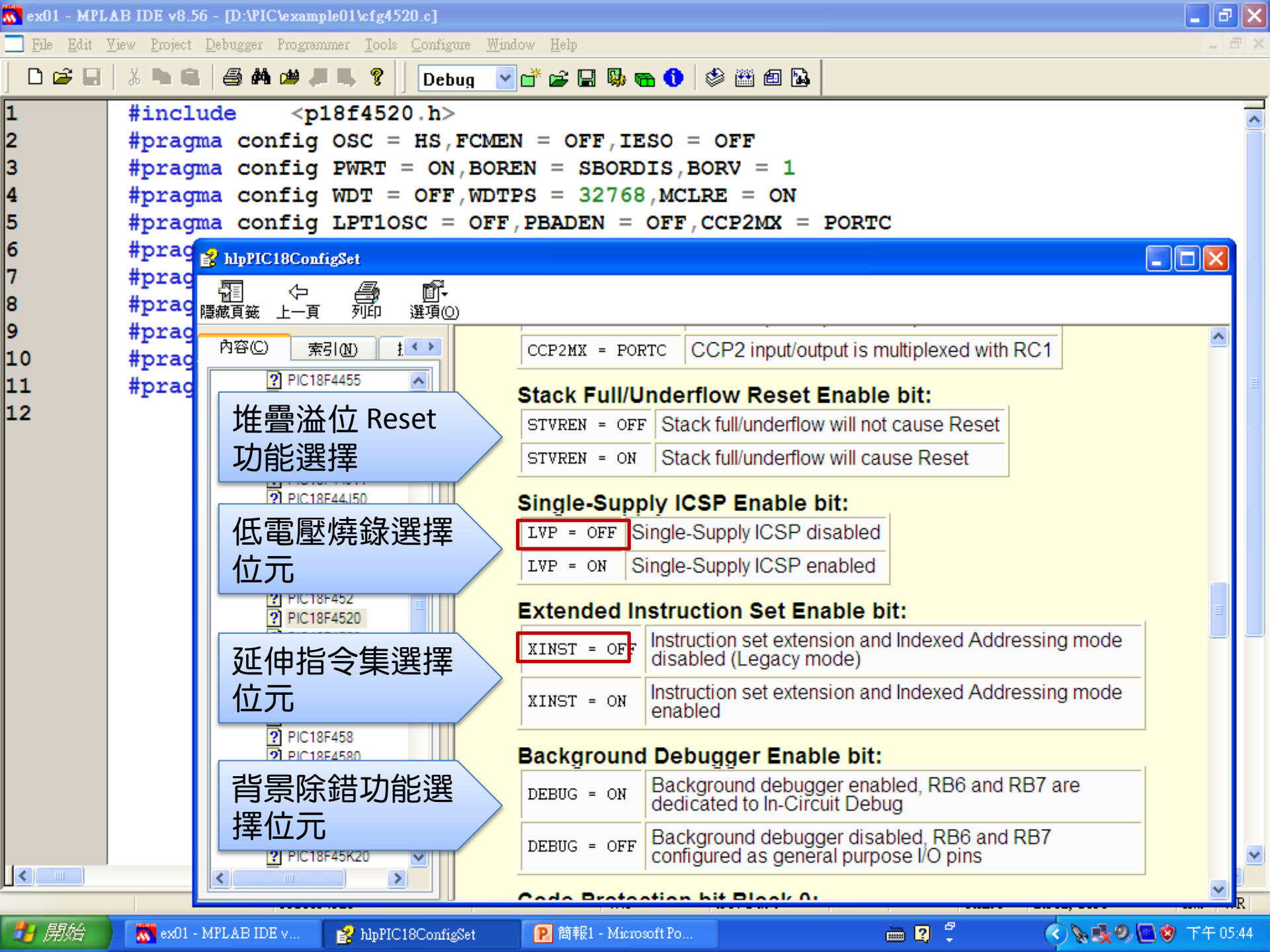
PIC18F4523
PIC18F4525
PIC18F4539
PIC18F4550
PIC18F4553
PIC18F458
PIC18F4580
PIC18F4585
PIC18F45J10
PIC18F45J11
PIC18F45J50
PIC18F45K20
OSC = INTIO7 Internal oscillator block, CLKO function on RA6, port function on RA7
Fail-Safe Clock Monitor Enable bit:
FCMEN = OFF Fail-Safe Clock Monitor disabled
FCMEN = ON Fail-Safe Clock Monitor enabled
Internal/External Oscillator Switchover bit:
IESO = OFF Oscillator Switchover mode disabled
IESO = ON Oscillator Switchover mode enabled
Power-up Timer Enable bit:
PWRT = ON PWRT enabled
PWRT = OFF PWRT disabled
Brown-out Reset Enable bits:
BOREN = OFF Brown-out Reset disabled in hardware and software
BOREN = ON Brown-out Reset enabled and controlled by software (SBOREN is enabled)
BOREN = NOSLP Brown-out Reset enabled in hardware only and disabled in Sleep mode (SBOREN is disabled)
BOREN = SBORDIS Brown-out Reset enabled in hardware only
開始
ex01 - MPLAB IDE v...
hlpPIC18ConfigSet
簡報1 - Microsoft Po...
下午 05:08

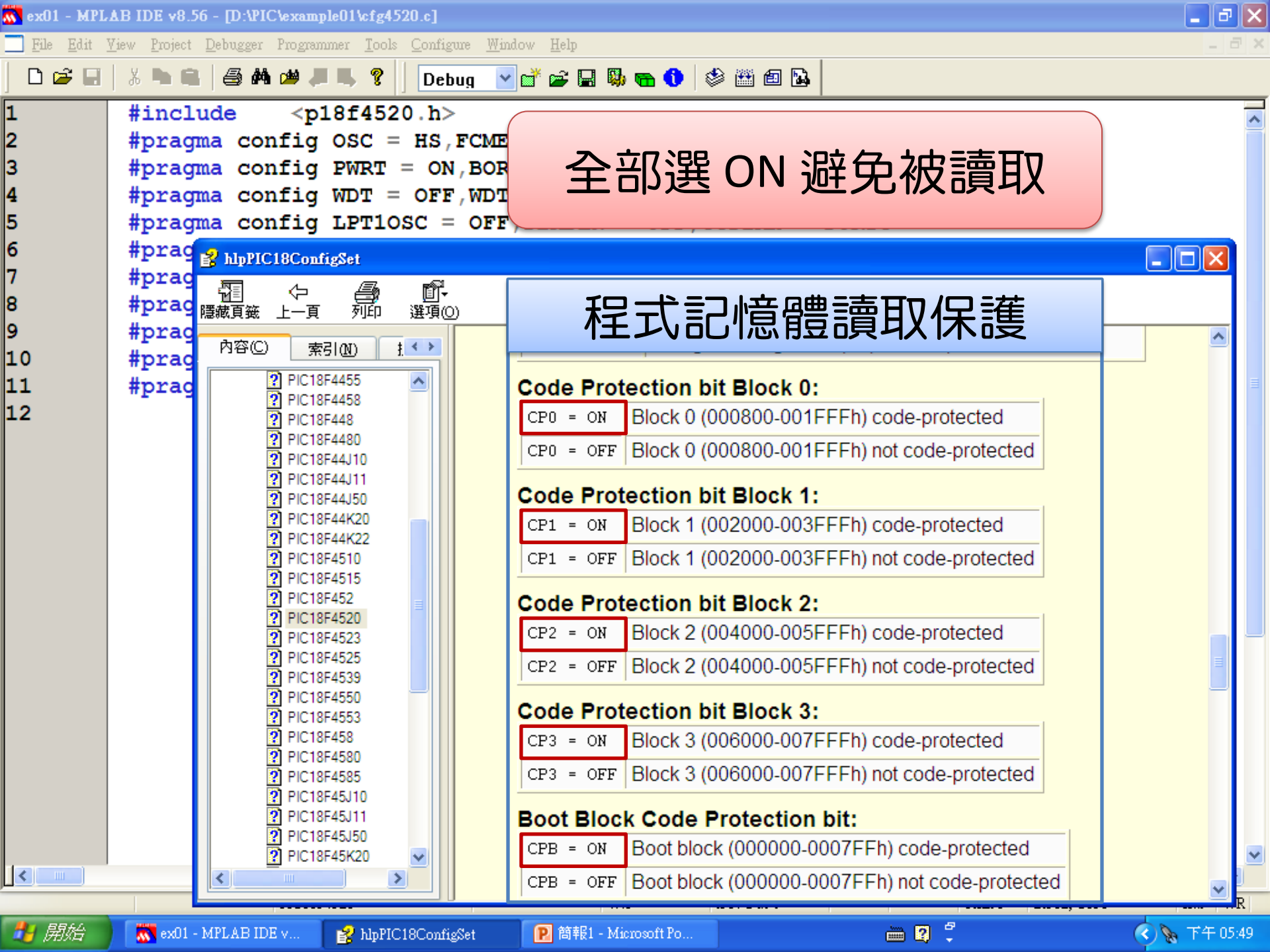

ex01 - MPLAB IDE v8.56 - [D:\PIC\example01\cfg4520.c]
File Edit View Project Debugger Programmer Tools Configure Window Help
Debug
1 #include <p18f4520.h>
2 #pragma config OSC = HS,FCMEN = OFF,IESO = OFF
3 #pragma config PWRT = ON,BOREN = SBORDIS,BORV = 1
4 #pragma config WDT = OFF,WDTPS = 32768,MCLRE = ON
5 #pragma config LPT1OSC = OFF,PBADEN = OFF,CCP2MX = PORTC
hlpPIC18ConfigSet
隱藏頁籤 上一頁 列印 選項(O)
內容(C) 索引(N)
PIC18F4455
PIC18F4458
PIC18F448
PIC18F44J50
PIC18F44K20
PIC18F44K22
PIC18F4510
PIC18F4515
PIC18F452
PIC18F4520
PIC18F4523
PIC18F4525
PIC18F4539
PIC18F4550
PIC18F4553
PIC18F458
PIC18F4580
PIC18F4585
PIC18F45J10
PIC18F45J11
PIC18F45J50
PIC18F45K20
低電壓Reset
Power-up Timer Enable bit:
PWRT = ON PWRT enabled
PWRT = OFF PWRT disabled
Brown-out Reset Enable bits:
BOREN = OFF Brown-out Reset disabled in hardware and software
BOREN = ON Brown-out Reset enabled and controlled by software (SBOREN is enabled)
BOREN = NOSLP Brown-out Reset enabled in hardware only and disabled in Sleep mode (SBOREN is disabled)
BOREN = SBORDIS Brown-out Reset enabled in hardware only (SBOREN is disabled)
Brown-out Reset Voltage bits:
BORV = 0 Maximum setting
BORV = 1
BORV = 2
BORV = 3 Minimum setting
Watchdog Timer Enable bit:
開始
ex01 - MPLAB IDE v...
hlpPIC18ConfigSet
簡報1 - Microsoft Po...
下午 05:13

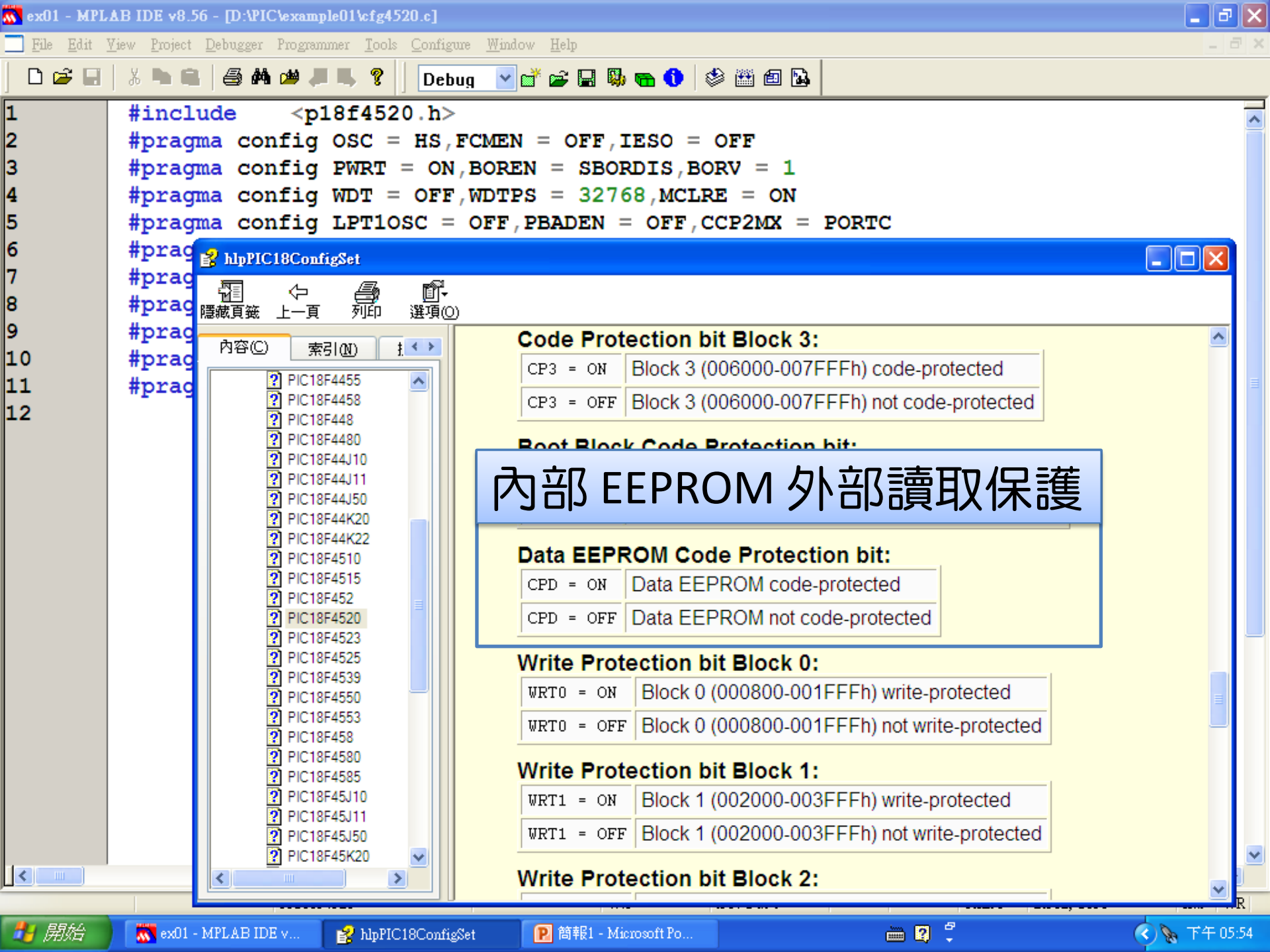

ex01 - MPLAB IDE v8.56 - [Configuration Bits]
File Edit View Project Debugger Programmer Tools Configure Window Help
Debug
Configuration Bits set in code.
Field | Category | Setting
OSC | Oscillator | HS
FCMEN | Fail-Safe Clock Monitor Enable | Disabled
IESO | Internal External Switch Over Mode | Disabled
PUT | Power Up Timer | Enabled
BODEN | Brown Out Detect | Enabled in hardware, SBOREN disabled
BODENV | Brown Out Voltage | 4.2V
WDT | Watchdog Timer
WDTPS | Watchdog Postscaler
CCP2MUX | CCP2 Mux
PBADEN | PortB A/D Enable
LPT1OSC | Low Power Timer1 Osc enable
MCLRE | Master Clear Enable | MCLR Enabled,RE3 Disabled
2.0V
2.7V
4.2V
4.5V
PIC18F4458
PIC18F448
PIC18F4480
PIC18F44J10
PIC18F44J11
PIC18F44J50
PIC18F44K20
PIC18F44K22
PIC18F4510
PIC18F4515
PIC18F452
PIC18F4520
PIC18F4523
PIC18F4525
PIC18F4539
PIC18F4550
PIC18F4553
PIC18F458
PIC18F4580
PIC18F4585
PIC18F45J10
PIC18F45J11
PIC18F45J50
PIC18F45K20
PWRT = OFF | PWRT disabled
Brown-out Reset Enable bits:
BOREN = OFF | Brown-out Reset disabled in hardware and software
BOREN = ON | Brown-out Reset enabled and controlled by software (SBOREN is enabled)
BOREN = NOSLP | Brown-out Reset enabled in hardware only and disabled in Sleep mode (SBOREN is disabled)
BOREN = SBORDIS | Brown-out Reset enabled in hardware only (SBOREN is disabled)
Brown-out Reset Voltage bits:
BORV = 0 | Maximum setting | 4.5V
BORV = 1 | 4.2V
BORV = 2 | 2.7V
BORV = 3 | Minimum setting | 2.0V
低電壓 Reset電壓設定值
開始
ex01 - MPLAB IDE v...
hlpPIC18ConfigSet
簡報1 - Microsoft Po...
下午 05:13

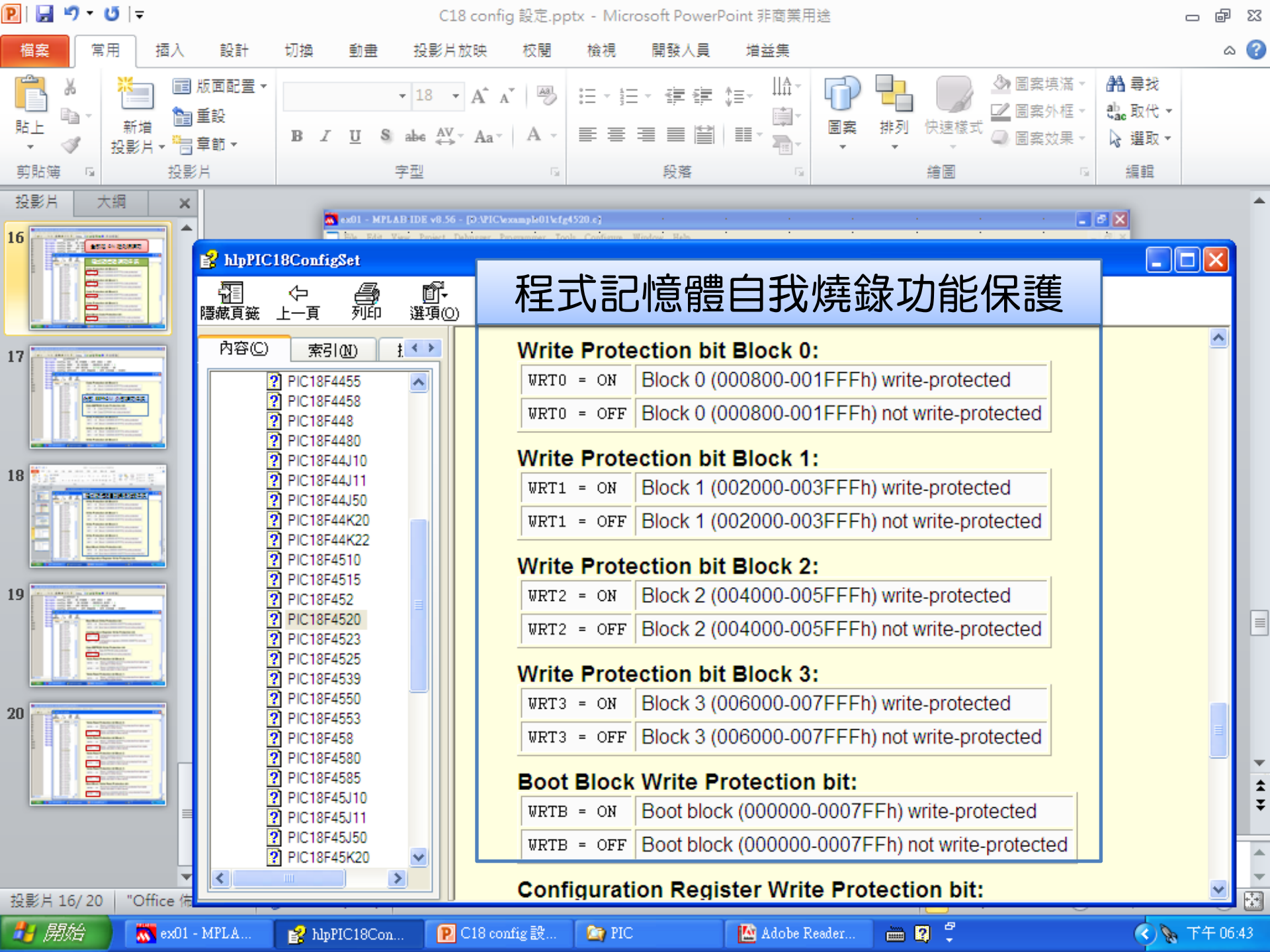

ex01 - MPLAB IDE v8.56 - [D:\PIC\example01\cfg4520.c]
File Edit View Project Debugger Programmer Tools Configure Window Help
Debug
1 #include <p18f4520.h>
2 #pragma config OSC = HS,FCMEN = OFF,IESO = OFF
3 #pragma config PWRT = ON,BOREN = SBORDIS,BORV = 1
4 #pragma config WDT = OFF,WDTPS = 32768,MCLRE = ON
5 #pragma config LPT1OSC = OFF,PBADEN = OFF,CCP2MX = PORTC
hlpPIC18ConfigSet
隱藏頁籤 上一頁 列印 選項(O)
內容(C) 索引(N)
PIC18F4455
PIC18F4458
PIC18F448
PIC18F4480
PIC18F44J10
PIC18F44J11
PIC18F44J50
PIC18F44K20
PIC18F44K22
PIC18F4510
PIC18F4515
PIC18F452
PIC18F4520
PIC18F4523
PIC18F4525
PIC18F4539
PIC18F4550
PIC18F4553
PIC18F458
PIC18F4580
PIC18F4585
PIC18F45J10
PIC18F45J11
PIC18F45J50
PIC18F45K20
看門狗計時器 Reset 功能
Watchdog Timer Enable bit:
WDT = OFF WDT disabled (control is placed on the SWDTEN bit)
WDT = ON WDT enabled
Watchdog Timer Postscale Select bits:
看門狗計時器，預除率選擇
WDTPS = 1 1:1
WDTPS = 2 1:2
WDTPS = 4 1:4
WDTPS = 8 1:8
WDTPS = 16 1:16
WDTPS = 32 1:32
WDTPS = 64 1:64
WDTPS = 128 1:128
WDTPS = 256 1:256
WDTPS = 512 1:512
WDTPS = 1024 1:1024
WDTPS = 2048 1:2048
開始
ex01 - MPLAB IDE v...
hlpPIC18ConfigSet
簡報1 - Microsoft Po...
下午 05:36

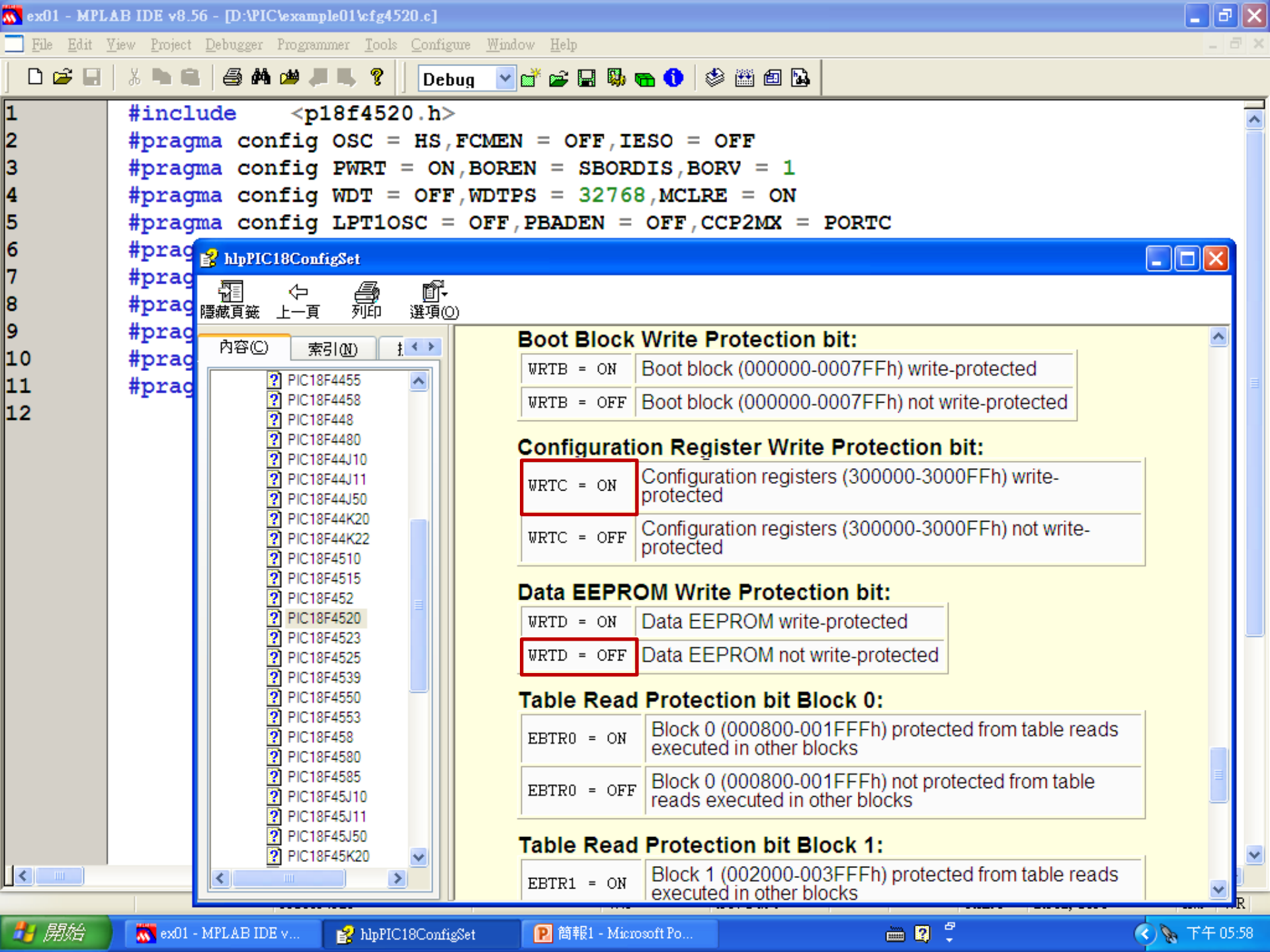

ex01 - MPLAB IDE v8.56 - [D:\PIC\example01\cfg4520.c]
File Edit View Project Debugger Programmer Tools Configure Window Help
Debug
1 #include <p18f4520.h>
2 #pragma config OSC = HS,FCMEN = OFF,IESO = OFF
3 #pragma config PWRT = ON,BOREN = SBORDIS,BORV = 1
4 #pragma config WDT = OFF,WDTPS = 32768,MCLRE = ON
5 #pragma config LPT1OSC = OFF,PBADEN = OFF,CCP2MX = PORTC
6 #prag
7 #prag
8 #prag
9 #prag
10 #prag
11 #prag
12
hlpPIC18ConfigSet
隱藏頁籤 上一頁 列印 選項(O)
內容(C) 索引(N)
PIC18F4515
PIC18F4550
PIC18F4553
PIC18F45J50
PIC18F45K20
MCLR / RE3
接腳功能選擇
Timer 低功率振
盪電路選擇位元
PORTB<4:0>接腳
預設電路選擇
CCP2接腳規劃
RB3 / RC1
MCLR Pin Enable bit:
MCLRE = OFF RE3 input pin enabled; MCLR disabled
MCLRE = ON MCLR pin enabled; RE3 input pin disabled
Low-Power Timer1 Oscillator Enable bit:
LPT1OSC = OFF Timer1 configured for higher power operation
LPT1OSC = ON Timer1 configured for low-power operation
PORTB A/D Enable bit:
PBADEN = OFF PORTB<4:0> pins are configured as digital I/O on Reset
PBADEN = ON PORTB<4:0> pins are configured as analog input channels on Reset
CCP2 MUX bit:
CCP2MX = PORTBE CCP2 input/output is multiplexed with RB3
CCP2MX = PORTC CCP2 input/output is multiplexed with RC1
Stack Full/Underflow Reset Enable bit:
STVREN = OFF Stack full/underflow will not cause Reset
開始
ex01 - MPLAB IDE v...
hlpPIC18ConfigSet
簡報1 - Microsoft Po...
下午 05:39

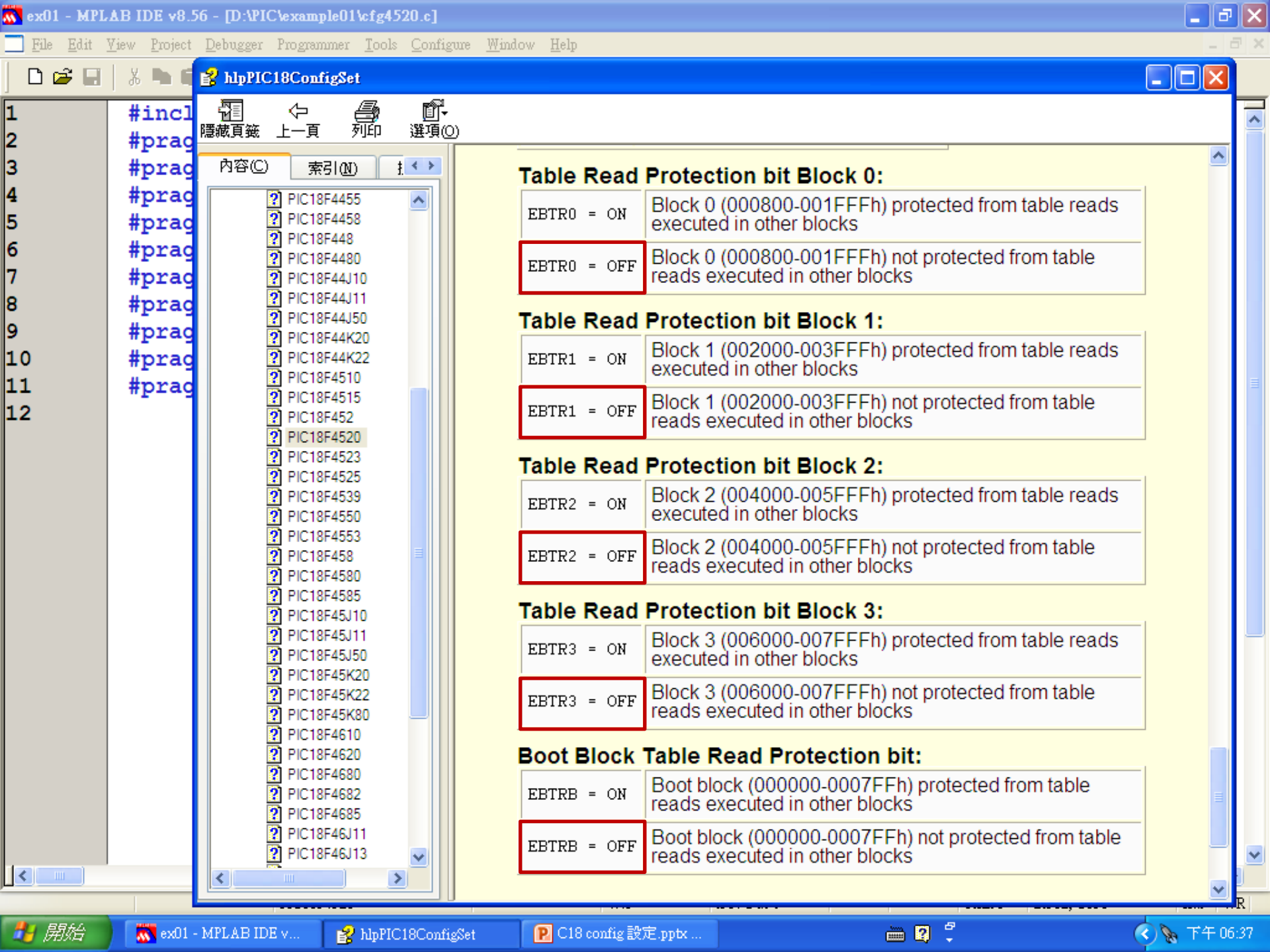

ex01 - MPLAB IDE v8.56 - [D:\PIC\example01\cfg4520.c]
File Edit View Project Debugger Programmer Tools Configure Window Help
Debug
1 #include <p18f4520.h>
2 #pragma config OSC = HS,FCMEN = OFF,IESO = OFF
3 #pragma config PWRT = ON,BOREN = SBORDIS,BORV = 1
4 #pragma config WDT = OFF,WDTPS = 32768,MCLRE = ON
5 #pragma config LPT1OSC = OFF,PBADEN = OFF,CCP2MX = PORTC
6
7
8
9
10
11
12
hlpPIC18ConfigSet
隱藏頁籤 上一頁 列印 選項(O)
內容(C) 索引(N)
PIC18F4455
PIC18F44J50
PIC18F452
PIC18F4520
PIC18F458
PIC18F45K20
堆疊溢位 Reset 功能選擇
低電壓燒錄選擇位元
延伸指令集選擇位元
背景除錯功能選擇位元
CCP2MX = PORTC
CCP2 input/output is multiplexed with RC1
Stack Full/Underflow Reset Enable bit:
STVREN = OFF
Stack full/underflow will not cause Reset
STVREN = ON
Stack full/underflow will cause Reset
Single-Supply ICSP Enable bit:
LVP = OFF
Single-Supply ICSP disabled
LVP = ON
Single-Supply ICSP enabled
Extended Instruction Set Enable bit:
XINST = OFF
Instruction set extension and Indexed Addressing mode disabled (Legacy mode)
XINST = ON
Instruction set extension and Indexed Addressing mode enabled
Background Debugger Enable bit:
DEBUG = ON
Background debugger enabled, RB6 and RB7 are dedicated to In-Circuit Debug
DEBUG = OFF
Background debugger disabled, RB6 and RB7 configured as general purpose I/O pins
開始
ex01 - MPLAB IDE v...
hlpPIC18ConfigSet
簡報1 - Microsoft Po...
下午 05:44


ex01 - MPLAB IDE v8.56 - [D:\PIC\example01\cfg4520.c]
File Edit View Project Debugger Programmer Tools Configure Window Help
Debug
#include <p18f4520.h>
#pragma config OSC = HS,FCME
#pragma config PWRT = ON,BOR
#pragma config WDT = OFF,WDT
#pragma config LPT1OSC = OFF
全部選 ON 避免被讀取
hlpPIC18ConfigSet
隱藏頁籤 上一頁 列印 選項(O)
內容(C) 索引(N)
PIC18F4455
PIC18F4458
PIC18F448
PIC18F4480
PIC18F44J10
PIC18F44J11
PIC18F44J50
PIC18F44K20
PIC18F44K22
PIC18F4510
PIC18F4515
PIC18F452
PIC18F4520
PIC18F4523
PIC18F4525
PIC18F4539
PIC18F4550
PIC18F4553
PIC18F458
PIC18F4580
PIC18F4585
PIC18F45J10
PIC18F45J11
PIC18F45J50
PIC18F45K20
程式記憶體讀取保護
Code Protection bit Block 0:
CP0 = ON Block 0 (000800-001FFFh) code-protected
CP0 = OFF Block 0 (000800-001FFFh) not code-protected
Code Protection bit Block 1:
CP1 = ON Block 1 (002000-003FFFh) code-protected
CP1 = OFF Block 1 (002000-003FFFh) not code-protected
Code Protection bit Block 2:
CP2 = ON Block 2 (004000-005FFFh) code-protected
CP2 = OFF Block 2 (004000-005FFFh) not code-protected
Code Protection bit Block 3:
CP3 = ON Block 3 (006000-007FFFh) code-protected
CP3 = OFF Block 3 (006000-007FFFh) not code-protected
Boot Block Code Protection bit:
CPB = ON Boot block (000000-0007FFh) code-protected
CPB = OFF Boot block (000000-0007FFh) not code-protected
開始
ex01 - MPLAB IDE v...
hlpPIC18ConfigSet
簡報1 - Microsoft Po...
下午 05:49


ex01 - MPLAB IDE v8.56 - [D:\PIC\example01\cfg4520.c]
File Edit View Project Debugger Programmer Tools Configure Window Help
Debug
1 #include <p18f4520.h>
2 #pragma config OSC = HS,FCMEN = OFF,IESO = OFF
3 #pragma config PWRT = ON,BOREN = SBORDIS,BORV = 1
4 #pragma config WDT = OFF,WDTPS = 32768,MCLRE = ON
5 #pragma config LPT1OSC = OFF,PBADEN = OFF,CCP2MX = PORTC
hlpPIC18ConfigSet
隱藏頁籤 上一頁 列印 選項(O)
內容(C) 索引(N)
PIC18F4455
PIC18F4458
PIC18F448
PIC18F4480
PIC18F44J10
PIC18F44J11
PIC18F44J50
PIC18F44K20
PIC18F44K22
PIC18F4510
PIC18F4515
PIC18F452
PIC18F4520
PIC18F4523
PIC18F4525
PIC18F4539
PIC18F4550
PIC18F4553
PIC18F458
PIC18F4580
PIC18F4585
PIC18F45J10
PIC18F45J11
PIC18F45J50
PIC18F45K20
Code Protection bit Block 3:
CP3 = ON Block 3 (006000-007FFFh) code-protected
CP3 = OFF Block 3 (006000-007FFFh) not code-protected
內部 EEPROM 外部讀取保護
Data EEPROM Code Protection bit:
CPD = ON Data EEPROM code-protected
CPD = OFF Data EEPROM not code-protected
Write Protection bit Block 0:
WRT0 = ON Block 0 (000800-001FFFh) write-protected
WRT0 = OFF Block 0 (000800-001FFFh) not write-protected
Write Protection bit Block 1:
WRT1 = ON Block 1 (002000-003FFFh) write-protected
WRT1 = OFF Block 1 (002000-003FFFh) not write-protected
Write Protection bit Block 2:
開始
ex01 - MPLAB IDE v...
hlpPIC18ConfigSet
簡報1 - Microsoft Po...
下午 05:54


C18 config 設定.pptx - Microsoft PowerPoint 非商業用途
hlpPIC18ConfigSet
隱藏頁籤
上一頁
列印
選項(O)
內容(C)
索引(N)
PIC18F4455
PIC18F4458
PIC18F448
PIC18F4480
PIC18F44J10
PIC18F44J11
PIC18F44J50
PIC18F44K20
PIC18F44K22
PIC18F4510
PIC18F4515
PIC18F452
PIC18F4520
PIC18F4523
PIC18F4525
PIC18F4539
PIC18F4550
PIC18F4553
PIC18F458
PIC18F4580
PIC18F4585
PIC18F45J10
PIC18F45J11
PIC18F45J50
PIC18F45K20
程式記憶體自我燒錄功能保護
Write Protection bit Block 0:
WRT0 = ON
Block 0 (000800-001FFFh) write-protected
WRT0 = OFF
Block 0 (000800-001FFFh) not write-protected
Write Protection bit Block 1:
WRT1 = ON
Block 1 (002000-003FFFh) write-protected
WRT1 = OFF
Block 1 (002000-003FFFh) not write-protected
Write Protection bit Block 2:
WRT2 = ON
Block 2 (004000-005FFFh) write-protected
WRT2 = OFF
Block 2 (004000-005FFFh) not write-protected
Write Protection bit Block 3:
WRT3 = ON
Block 3 (006000-007FFFh) write-protected
WRT3 = OFF
Block 3 (006000-007FFFh) not write-protected
Boot Block Write Protection bit:
WRTB = ON
Boot block (000000-0007FFh) write-protected
WRTB = OFF
Boot block (000000-0007FFh) not write-protected
Configuration Register Write Protection bit:
投影片 16/ 20
開始
ex01 - MPLA...
hlpPIC18Con...
C18 config 設...
PIC
Adobe Reader...
下午 06:43


ex01 - MPLAB IDE v8.56 - [D:\PIC\example01\cfg4520.c]
File Edit View Project Debugger Programmer Tools Configure Window Help
Debug
1 #include <p18f4520.h>
2 #pragma config OSC = HS,FCMEN = OFF,IESO = OFF
3 #pragma config PWRT = ON,BOREN = SBORDIS,BORV = 1
4 #pragma config WDT = OFF,WDTPS = 32768,MCLRE = ON
5 #pragma config LPT1OSC = OFF,PBADEN = OFF,CCP2MX = PORTC
hlpPIC18ConfigSet
隱藏頁籤 上一頁 列印 選項(O)
內容(C) 索引(N)
PIC18F4455
PIC18F4458
PIC18F448
PIC18F4480
PIC18F44J10
PIC18F44J11
PIC18F44J50
PIC18F44K20
PIC18F44K22
PIC18F4510
PIC18F4515
PIC18F452
PIC18F4520
PIC18F4523
PIC18F4525
PIC18F4539
PIC18F4550
PIC18F4553
PIC18F458
PIC18F4580
PIC18F4585
PIC18F45J10
PIC18F45J11
PIC18F45J50
PIC18F45K20
Boot Block Write Protection bit:
WRTB = ON Boot block (000000-0007FFh) write-protected
WRTB = OFF Boot block (000000-0007FFh) not write-protected
Configuration Register Write Protection bit:
WRTC = ON Configuration registers (300000-3000FFh) write-protected
WRTC = OFF Configuration registers (300000-3000FFh) not write-protected
Data EEPROM Write Protection bit:
WRTD = ON Data EEPROM write-protected
WRTD = OFF Data EEPROM not write-protected
Table Read Protection bit Block 0:
EBTR0 = ON Block 0 (000800-001FFFh) protected from table reads executed in other blocks
EBTR0 = OFF Block 0 (000800-001FFFh) not protected from table reads executed in other blocks
Table Read Protection bit Block 1:
EBTR1 = ON Block 1 (002000-003FFFh) protected from table reads executed in other blocks
開始
ex01 - MPLAB IDE v...
hlpPIC18ConfigSet
簡報1 - Microsoft Po...
下午 05:58


ex01 - MPLAB IDE v8.56 - [D:\PIC\example01\cfg4520.c]
File Edit View Project Debugger Programmer Tools Configure Window Help
hlpPIC18ConfigSet
隱藏頁籤 上一頁 列印 選項(O)
內容(C) 索引(N)
PIC18F4455
PIC18F4458
PIC18F448
PIC18F4480
PIC18F44J10
PIC18F44J11
PIC18F44J50
PIC18F44K20
PIC18F44K22
PIC18F4510
PIC18F4515
PIC18F452
PIC18F4520
PIC18F4523
PIC18F4525
PIC18F4539
PIC18F4550
PIC18F4553
PIC18F458
PIC18F4580
PIC18F4585
PIC18F45J10
PIC18F45J11
PIC18F45J50
PIC18F45K20
PIC18F45K22
PIC18F45K80
PIC18F4610
PIC18F4620
PIC18F4680
PIC18F4682
PIC18F4685
PIC18F46J11
PIC18F46J13
Table Read Protection bit Block 0:
EBTR0 = ON
Block 0 (000800-001FFFh) protected from table reads executed in other blocks
EBTR0 = OFF
Block 0 (000800-001FFFh) not protected from table reads executed in other blocks
Table Read Protection bit Block 1:
EBTR1 = ON
Block 1 (002000-003FFFh) protected from table reads executed in other blocks
EBTR1 = OFF
Block 1 (002000-003FFFh) not protected from table reads executed in other blocks
Table Read Protection bit Block 2:
EBTR2 = ON
Block 2 (004000-005FFFh) protected from table reads executed in other blocks
EBTR2 = OFF
Block 2 (004000-005FFFh) not protected from table reads executed in other blocks
Table Read Protection bit Block 3:
EBTR3 = ON
Block 3 (006000-007FFFh) protected from table reads executed in other blocks
EBTR3 = OFF
Block 3 (006000-007FFFh) not protected from table reads executed in other blocks
Boot Block Table Read Protection bit:
EBTRB = ON
Boot block (000000-0007FFh) protected from table reads executed in other blocks
EBTRB = OFF
Boot block (000000-0007FFh) not protected from table reads executed in other blocks
開始
ex01 - MPLAB IDE v...
hlpPIC18ConfigSet
C18 config 設定.pptx ...
下午 06:37