REGISTER 12-1: CONFIGURATION WORD (ADDRESS 2007h)(1)

CP1	CP0	DEBUG	_	WRT	CPD	LVP	BODEN	CP1	CP0	PWRTE	WDTE	F0SC1	F0SC0
bit13													bit0
bit 13-1 bit 5-4	2,	CP1:CP0: FLASH Program Memory Code Protection bits ⁽²⁾ 11 = Code protection off 10 = 1F00h to 1FFFh code protected (PIC16F877, 876) 10 = 0F00h to 0FFFh code protected (PIC16F874, 873) 01 = 1000h to 1FFFh code protected (PIC16F877, 876) 01 = 0800h to 0FFFh code protected (PIC16F874, 873) 00 = 0000h to 1FFFh code protected (PIC16F877, 876) 00 = 0000h to 0FFFh code protected (PIC16F874, 873)											
bit 11		DEBUG: In-Circuit Debugger Mode 1 = In-Circuit Debugger disabled, RB6 and RB7 are general purpose I/O pins 0 = In-Circuit Debugger enabled, RB6 and RB7 are dedicated to the debugger.											
bit 10		Unimplemented: Read as '1'											
bit 9		WRT: FLASH Program Memory Write Enable 1 = Unprotected program memory may be written to by EECON control 0 = Unprotected program memory may not be written to by EECON control											
bit 8		CPD: Data EE Memory Code Protection 1 = Code protection off 0 = Data EEPROM memory code protected											
bit 7		LVP : Low Voltage In-Circuit Serial Programming Enable bit 1 = RB3/PGM pin has PGM function, low voltage programming enabled 0 = RB3 is digital I/O, HV on MCLR must be used for programming											
bit 6		BODEN: Brown-out Reset Enable bit ⁽³⁾ 1 = BOR enabled 0 = BOR disabled											
bit 3		PWRTE: Power-up Timer Enable bit ⁽³⁾ 1 = PWRT disabled 0 = PWRT enabled											
bit 2		WDTE: Watchdog Timer Enable bit 1 = WDT enabled 0 = WDT disabled											
bit 1-0		FOSC1:F 11 = RC 0 10 = HS 0 01 = XT 0 00 = LP 0	oscillator oscillator oscillator		Selectio	n bits							

- **Note** 1: The erased (unprogrammed) value of the configuration word is 3FFFh.
 - 2: All of the CP1:CP0 pairs have to be given the same value to enable the code protection scheme listed.
 - 3: Enabling Brown-out Reset automatically enables Power-up Timer (PWRT), regardless of the value of bit PWRTE. Ensure the Power-up Timer is enabled any time Brown-out Reset is enabled.