

32KHz RC Oscillator Calibration Register - RCKCAL

RCKCAL - 32MHz RC Calibration Registers		
RCKCAL: 0x67		Default: factory settings
Bits	RCKCAL [7: 0]	
R / W	R / W	
Bit Definitions		
[7: 0]	RCKCAL The calibration values is written RCKCAL Register completed 32KHz RC Oscillator Calibration	

Clock Source Register Management - PMCR

PMCR - Clock Source register management							
PMCR: 0xF2				Defaults: 0x03			
Bits	PMCE	CLKFS / CLKSS	WCLKS	OSCKEN	OSCMEN	RCKEN	RCMEN
R / W	R / W	R / W	R / W	R / W	R / W	R / W	R / W
Bit Definitions							
[0]	RCMEN internal	32MHz RC Oscillator Enable Control, 1 Enable, 0 Ban					
[1]	RCKEN internal	32KHz RC Oscillator Enable Control, 1 Enable, 0 Ban					
[2]	OSCMEN External	high frequency crystal oscillator enable control, 1 Enable, 0 Ban					
[3]	OSCKEN External	enable control low frequency oscillator, 1 Enable, 0 Ban					
[4]	WCLKS	WDT Clock source selection, 0 - Select the internal 32MHz HFRC Oscillator 16 Divide 1 - internal 32KHz LFRC Oscillator					
[5]	CLKSS	Master clock source selection control to select the clock source type, the reference clock source selection portion					
[6]	CLKFS	Master clock source frequency controlled clock frequency selection type, a reference clock source selection portion					
[7]	PMCE	PMCR Change enable control register bits. Change PMCR Position before the other, this bit must first be set, and then set the value of the other bits in the four cycles.					

Master clock prescaler register - CLKPR

CLKPR - Master clock prescaler register							
CLKPR: 0x61				Defaults: 0x03			
Bits	WCE	CKOEN1	CKOEN0	-	PS3	PS2	PS1 PS0
R / W	R / W	R / W	R / W	-	R / W	R / W	R / W R / W
Bit Definitions							
[3: 0]	CLKPS	Clock select bit prescaler					
		PS3	PS2	PS1	PS0	Frequency division parameter	
		0	0	0	0	1	
		0	0	0	1	2	
		0	0	1	0	4	
		0	0	1	1	8(default allocation)	