

PIC16F882/883/884/886/887

FIGURE 2-6: PIC16F886/PIC16F887 SPECIAL FUNCTION REGISTERS

File		File		File		File			
Address		Address		Address		Address			
Indirect addr. ⁽¹⁾	00h	Indirect addr. ⁽¹⁾	80h	Indirect addr. ⁽¹⁾	100h	Indirect addr. ⁽¹⁾	180h		
TMR0	01h	OPTION_REG	81h	TMR0	101h	OPTION_REG	181h		
PCL	02h	PCL	82h	PCL	102h	PCL	182h		
STATUS	03h	STATUS	83h	STATUS	103h	STATUS	183h		
FSR	04h	FSR	84h	FSR	104h	FSR	184h		
PORTA	05h	TRISA	85h	WDTCON	105h	SRCON	185h		
PORTB	06h	TRISB	86h	PORTB	106h	TRISB	186h		
PORTC	07h	TRISC	87h	CM1CON0	107h	BAUDCTL	187h		
PORTD ⁽²⁾	08h	TRISD ⁽²⁾	88h	CM2CON0	108h	ANSEL	188h		
PORTE	09h	TRISE	89h	CM2CON1	109h	ANSELH	189h		
PCLATH	0Ah	PCLATH	8Ah	PCLATH	10Ah	PCLATH	18Ah		
INTCON	0Bh	INTCON	8Bh	INTCON	10Bh	INTCON	18Bh		
PIR1	0Ch	PIE1	8Ch	EEDAT	10Ch	EECON1	18Ch		
PIR2	0Dh	PIE2	8Dh	EEADR	10Dh	EECON2 ⁽¹⁾	18Dh		
TMR1L	0Eh	PCON	8Eh	EEDATH	10Eh	Reserved	18Eh		
TMR1H	0Fh	OSCCON	8Fh	EEADRH	10Fh	Reserved	18Fh		
T1CON	10h	OSCTUNE	90h	General Purpose Registers	110h	General Purpose Registers	190h		
TMR2	11h	SSPCON2	91h		111h		191h		
T2CON	12h	PR2	92h		112h		192h		
SSPBUF	13h	SSPADDD	93h		113h		193h		
SSPCON	14h	SSPSTAT	94h		114h		194h		
CCPR1L	15h	WPUB	95h		115h		195h		
CCPR1H	16h	IOCB	96h		116h		196h		
CCP1CON	17h	VRCON	97h		117h		197h		
RCSTA	18h	TXSTA	98h		118h		198h		
TXREG	19h	SPBRG	99h		119h		199h		
RCREG	1Ah	SPBRGH	9Ah		11Ah		19Ah		
CCPR2L	1Bh	PWM1CON	9Bh		11Bh		19Bh		
CCPR2H	1Ch	ECCPAS	9Ch		11Ch		19Ch		
CCP2CON	1Dh	PSTRCON	9Dh		11Dh		19Dh		
ADRESH	1Eh	ADRESL	9Eh		11Eh		19Eh		
ADCON0	1Fh	ADCON1	9Fh		11Fh		19Fh		
General Purpose Registers	20h	General Purpose Registers	A0h	General Purpose Registers	120h	General Purpose Registers	1A0h		
	3Fh		EFh		16Fh		1EFh		
	40h								
	6Fh								
	70h		F0h		170h		1F0h		
7Fh	accesses 70h-7Fh	FFh	accesses 70h-7Fh	17Fh	accesses 70h-7Fh	1FFh			
Bank 0		Bank 1		Bank 2		Bank 3			

Unimplemented data memory locations, read as '0'.

Note 1: Not a physical register.

2: PIC16F887 only.