TABLE 5-1: SPECIAL FUNCTION REGISTER MAP FOR PIC18(L)F2X/4XK22 DEVICES

Address	Name	Address	Name	Address	Name	Address	Name	Address	Name
FFFh	TOSU	FD7h	TMR0H	FAFh	SPBRG1	F87h	—(2)	F5Fh	CCPR3H
FFEh	TOSH	FD6h	TMR0L	FAEh	RCREG1	F86h	—(2)	F5Eh	CCPR3L
FFDh	TOSL	FD5h	T0CON	FADh	TXREG1	F85h	—(2)	F5Dh	CCP3CON
FFCh	STKPTR	FD4h	—(2)	FACh	TXSTA1	F84h	PORTE	F5Ch	PWM3CON
FFBh	PCLATU	FD3h	OSCCON	FABh	RCSTA1	F83h	PORTD(3)	F5Bh	ECCP3AS
FFAh	PCLATH	FD2h	OSCCON2	FAAh	EEADRH(4)	F82h	PORTC	F5Ah	PSTR3CON
FF9h	PCL	FD1h	WDTCON	FA9h	EEADR	F81h	PORTB	F59h	CCPR4H
FF8h	TBLPTRU	FD0h	RCON	FA8h	EEDATA	F80h	PORTA	F58h	CCPR4L
FF7h	TBLPTRH	FCFh	TMR1H	FA7h	EECON2(1)	F7Fh	IPR5	F57h	CCP4CON
FF6h	TBLPTRL	FCEh	TMR1L	FA6h	EECON1	F7Eh	PIR5	F56h	CCPR5H
FF5h	TABLAT	FCDh	T1CON	FA5h	IPR3	F7Dh	PIE5	F55h	CCPR5L
FF4h	PRODH	FCCh	T1GCON	FA4h	PIR3	F7Ch	IPR4	F54h	CCP5CON
FF3h	PRODL	FCBh	SSP1CON3	FA3h	PIE3	F7Bh	PIR4	F53h	TMR4
FF2h	INTCON	FCAh	SSP1MSK	FA2h	IPR2	F7Ah	PIE4	F52h	PR4
FF1h	INTCON2	FC9h	SSP1BUF	FA1h	PIR2	F79h	CM1CON0	F51h	T4CON
FF0h	INTCON3	FC8h	SSP1ADD	FA0h	PIE2	F78h	CM2CON0	F50h	TMR5H
FEFh	INDF0(1)	FC7h	SSP1STAT	F9Fh	IPR1	F77h	CM2CON1	F4Fh	TMR5L
FEEh	POSTINC0(1)	FC6h	SSP1CON1	F9Eh	PIR1	F76h	SPBRGH2	F4Eh	T5CON
FEDh	POSTDEC0(1)	FC5h	SSP1CON2	F9Dh	PIE1	F75h	SPBRG2	F4Dh	T5GCON
FECh	PREINC0(1)	FC4h	ADRESH	F9Ch	HLVDCON	F74h	RCREG2	F4Ch	TMR6
FEBh	PLUSW0(1)	FC3h	ADRESL	F9Bh	OSCTUNE	F73h	TXREG2	F4Bh	PR6
FEAh	FSR0H	FC2h	ADCON0	F9Ah	—(2)	F72h	TXSTA2	F4Ah	T6CON
FE9h	FSR0L	FC1h	ADCON1	F99h	—(2)	F71h	RCSTA2	F49h	CCPTMRS0
FE8h	WREG	FC0h	ADCON2	F98h	—(2)	F70h	BAUDCON2	F48h	CCPTMRS1
FE7h	INDF1(1)	FBFh	CCPR1H	F97h	—(2)	F6Fh	SSP2BUF	F47h	SRCON0
FE6h	POSTINC1(1)	FBEh	CCPR1L	F96h	TRISE	F6Eh	SSP2ADD	F46h	SRCON1
FE5h	POSTDEC1(1)	FBDh	CCP1CON	F95h	TRISD(3)	F6Dh	SSP2STAT	F45h	CTMUCONH
FE4h	PREINC1(1)	FBCh	TMR2	F94h	TRISC	F6Ch	SSP2CON1	F44h	CTMUCONL
FE3h	PLUSW1(1)	FBBh	PR2	F93h	TRISB	F6Bh	SSP2CON2	F43h	CTMUICON
FE2h	FSR1H	FBAh	T2CON	F92h	TRISA	F6Ah	SSP2MSK	F42h	VREFCON0
FE1h	FSR1L	FB9h	PSTR1CON	F91h	—(2)	F69h	SSP2CON3	F41h	VREFCON1
FE0h	BSR	FB8h	BAUDCON1	F90h	—(2)	F68h	CCPR2H	F40h	VREFCON2
FDFh	INDF2(1)	FB7h	PWM1CON	F8Fh	—(2)	F67h	CCPR2L	F3Fh	PMD0
FDEh	POSTINC2(1)	FB6h	ECCP1AS	F8Eh	—(2)	F66h	CCP2CON	F3Eh	PMD1
FDDh	POSTDEC2(1)	FB5h	—(2)	F8Dh	LATE(3)	F65h	PWM2CON	F3Dh	PMD2
FDCh	PREINC2(1)	FB4h	T3GCON	F8Ch	LATD(3)	F64h	ECCP2AS	F3Ch	ANSELE
FDBh	PLUSW2(1)	FB3h	TMR3H	F8Bh	LATC	F63h	PSTR2CON	F3Bh	ANSELD
FDAh	FSR2H	FB2h	TMR3L	F8Ah	LATB	F62h	IOCB	F3Ah	ANSELC
FD9h	FSR2L	FB1h	T3CON	F89h	LATA	F61h	WPUB	F39h	ANSELB
FD8h	STATUS	FB0h	SPBRGH1	F88h	—(2)	F60h	SLRCON	F38h	ANSELA

Note 1: This is not a physical register.
2: Unimplemented registers are read as '0'.
3: PIC18(L)F4XK22 devices only.
4: PIC18(L)F26K22 and PIC18(L)F46K22 devices only.

TABLE 5-2: REGISTER FILE SUMMARY FOR PIC18(L)F2X/4XK22 DEVICES

Address	Name	Bit 7	Bit 6	Bit 5	Bit 4	Bit 3	Bit 2	Bit 1	Bit 0	Value on POR, BOR
FFFh	TOSU	—	—	—	Top-of-Stack, Upper Byte (TOS<20:16>)					---0 0000
FFEh	TOSH	Top-of-Stack, High Byte (TOS<15:8>)								0000 0000
FFDh	TOSL	Top-of-Stack, Low Byte (TOS<7:0>)								0000 0000
FFCh	STKPTR	STKFUL	STKUNF	—	STKPTR<4:0>					00-0 0000
FFBh	PCLATU	—	—	—	Holding Register for PC<20:16>					---0 0000
FFAh	PCLATH	Holding Register for PC<15:8>								0000 0000
FF9h	PCL	Holding Register for PC<7:0>								0000 0000
FF8h	TBLPTRU	—	—	Program Memory Table Pointer Upper Byte(TBLPTR<21:16>)						--00 0000
FF7h	TBLPTRH	Program Memory Table Pointer High Byte(TBLPTR<15:8>)								0000 0000
FF6h	TBLPTRL	Program Memory Table Pointer Low Byte(TBLPTR<7:0>)								0000 0000
FF5h	TABLAT	Program Memory Table Latch								0000 0000
FF4h	PRODH	Product Register, High Byte								xxxx xxxx
FF3h	PRODL	Product Register, Low Byte								xxxx xxxx
FF2h	INTCON	GIE/GIEH	PEIE/GIEL	TMR0IE	INT0IE	RBIE	TMR0IF	INT0IF	RBIF	0000 000x
FF1h	INTCON2	$\overline{\text{RBPU}}$	INTEDG0	INTEDG1	INTEDG2	—	TMR0IP	—	RBIP	1111 -1-1
FF0h	INTCON3	INT2IP	INT1IP	—	INT2IE	INT1IE	—	INT2IF	INT1IF	11-0 0-00
FEFh	INDF0	Uses contents of FSR0 to address data memory – value of FSR0 not changed (not a physical register)								---- ----
FEEh	POSTINC0	Uses contents of FSR0 to address data memory – value of FSR0 post-incremented (not a physical register)								---- ----
FEDh	POSTDEC0	Uses contents of FSR0 to address data memory – value of FSR0 post-decremented (not a physical register)								---- ----
FECh	PREINC0	Uses contents of FSR0 to address data memory – value of FSR0 pre-incremented (not a physical register)								---- ----
FEBh	PLUSW0	Uses contents of FSR0 to address data memory – value of FSR0 pre-incremented (not a physical register) – value of FSR0 offset by W								---- ----
FEAh	FSR0H	—	—	—	—	Indirect Data Memory Address Pointer 0, High Byte				---- 0000
FE9h	FSR0L	Indirect Data Memory Address Pointer 0, Low Byte								xxxx xxxx
FE8h	WREG	Working Register								xxxx xxxx
FE7h	INDF1	Uses contents of FSR1 to address data memory – value of FSR1 not changed (not a physical register)								---- ----
FE6h	POSTINC1	Uses contents of FSR1 to address data memory – value of FSR1 post-incremented (not a physical register)								---- ----
FE5h	POSTDEC1	Uses contents of FSR1 to address data memory – value of FSR1 post-decremented (not a physical register)								---- ----
FE4h	PREINC1	Uses contents of FSR1 to address data memory – value of FSR1 pre-incremented (not a physical register)								---- ----
FE3h	PLUSW1	Uses contents of FSR1 to address data memory – value of FSR1 pre-incremented (not a physical register) – value of FSR1 offset by W								---- ----
FE2h	FSR1H	—	—	—	—	Indirect Data Memory Address Pointer 1, High Byte				---- 0000
FE1h	FSR1L	Indirect Data Memory Address Pointer 1, Low Byte								xxxx xxxx
FE0h	BSR	—	—	—	—	Bank Select Register				---- 0000
FDFh	INDF2	Uses contents of FSR2 to address data memory – value of FSR2 not changed (not a physical register)								---- ----
FDEh	POSTINC2	Uses contents of FSR2 to address data memory – value of FSR2 post-incremented (not a physical register)								---- ----
FDDh	POSTDEC2	Uses contents of FSR2 to address data memory – value of FSR2 post-decremented (not a physical register)								---- ----
FDCh	PREINC2	Uses contents of FSR2 to address data memory – value of FSR2 pre-incremented (not a physical register)								---- ----
FDBh	PLUSW2	Uses contents of FSR2 to address data memory – value of FSR2 pre-incremented (not a physical register) – value of FSR2 offset by W								---- ----
FDAh	FSR2H	—	—	—	—	Indirect Data Memory Address Pointer 2, High Byte				---- 0000
FD9h	FSR2L	Indirect Data Memory Address Pointer 2, Low Byte								xxxx xxxx
FD8h	STATUS	—	—	—	N	OV	Z	DC	C	---x xxxx
FD7h	TMR0H	Timer0 Register, High Byte								0000 0000
FD6h	TMR0L	Timer0 Register, Low Byte								xxxx xxxx
FD5h	T0CON	TMR0ON	T08BIT	T0CS	T0SE	PSA	T0PS<2:0>			1111 1111
FD3h	OSCCON	IDLEN	IRCF<2:0>			OSTS	HFIOFS	SCS<1:0>		0011 q000
FD2h	OSCCON2	PLLRDY	SOSCRUN	—	MFIOSEL	SOSCGO	PRISD	MFIOFS	LFIOFS	00-0 01x0

Legend: x = unknown, u = unchanged, — = unimplemented, q = value depends on condition

Note 1: PIC18(L)F4XK22 devices only.

2: PIC18(L)F2XK22 devices only.

3: PIC18(L)F23/24K22 and PIC18(L)F43/44K22 devices only.

4: PIC18(L)F26K22 and PIC18(L)F46K22 devices only.

TABLE 5-2: REGISTER FILE SUMMARY FOR PIC18(L)F2X/4XK22 DEVICES (CONTINUED)

Address	Name	Bit 7	Bit 6	Bit 5	Bit 4	Bit 3	Bit 2	Bit 1	Bit 0	Value on POR, BOR
FD1h	WDTCON	—	—	—	—	—	—	—	SWDTEN	---- ---0
FD0h	RCON	IPEN	SBOREN	—	$\overline{RI}$	$\overline{TO}$	$\overline{PD}$	$\overline{POR}$	$\overline{BOR}$	01-1 1100
FCFh	TMR1H	Holding Register for the Most Significant Byte of the 16-bit TMR1 Register								xxxx xxxx
FCEh	TMR1L	Least Significant Byte of the 16-bit TMR1 Register								xxxx xxxx
FCDh	T1CON	TMR1CS<1:0>		T1CKPS<1:0>		T1SOSCEN	$\overline{T1SYNC}$	T1RD16	TMR1ON	0000 0000
FCCh	T1GCON	TMR1GE	T1GPOL	T1GTM	T1GSPM	T1GGO/$\overline{DONE}$	T1GVAL	T1GSS<1:0>		0000 xx00
FCBh	SSP1CON3	ACKTIM	PCIE	SCIE	BOEN	SDAHT	SBCDE	AHEN	DHEN	0000 0000
FCAh	SSP1MSK	SSP1 MASK Register bits								1111 1111
FC9h	SSP1BUF	SSP1 Receive Buffer/Transmit Register								xxxx xxxx
FC8h	SSP1ADD	SSP1 Address Register in I^2C Slave Mode. SSP1 Baud Rate Reload Register in I^2C Master Mode								0000 0000
FC7h	SSP1STAT	SMP	CKE	D/$\overline{A}$	P	S	R/$\overline{W}$	UA	BF	0000 0000
FC6h	SSP1CON1	WCOL	SSPOV	SSPEN	CKP	SSPM<3:0>				0000 0000
FC5h	SSP1CON2	GCEN	ACKSTAT	ACKDT	ACKEN	RCEN	PEN	RSEN	SEN	0000 0000
FC4h	ADRESH	A/D Result, High Byte								xxxx xxxx
FC3h	ADRESL	A/D Result, Low Byte								xxxx xxxx
FC2h	ADCON0	—	CHS<4:0>					GO/$\overline{DONE}$	ADON	--00 0000
FC1h	ADCON1	TRIGSEL	—	—	—	PVCFG<1:0>		NVCFG<1:0>		0--- 0000
FC0h	ADCON2	ADFM	—	ACQT<2:0>			ADCS<2:0>			0-00 0000
FBFh	CCPR1H	Capture/Compare/PWM Register 1, High Byte								xxxx xxxx
FBEh	CCPR1L	Capture/Compare/PWM Register 1, Low Byte								xxxx xxxx
FBDh	CCP1CON	P1M<1:0>		DC1B<1:0>		CCP1M<3:0>				0000 0000
FBCh	TMR2	Timer2 Register								0000 0000
FBBh	PR2	Timer2 Period Register								1111 1111
FBAh	T2CON	—	T2OUTPS<3:0>				TMR2ON	T2CKPS<1:0>		-000 0000
FB9h	PSTR1CON	—	—	—	STR1SYNC	STR1D	STR1C	STR1B	STR1A	---0 0001
FB8h	BAUDCON1	ABDOVF	RCIDL	DTRXP	CKTXP	BRG16	—	WUE	ABDEN	0100 0-00
FB7h	PWM1CON	P1RSEN	P1DC<6:0>							0000 0000
FB6h	ECCP1AS	CCP1ASE	CCP1AS<2:0>			PSS1AC<1:0>		PSS1BD<1:0>		0000 0000
FB4h	T3GCON	TMR3GE	T3GPOL	T3GTM	T3GSPM	T3GGO/$\overline{DONE}$	T3GVAL	T3GSS<1:0>		0000 0x00
FB3h	TMR3H	Holding Register for the Most Significant Byte of the 16-bit TMR3 Register								xxxx xxxx
FB2h	TMR3L	Least Significant Byte of the 16-bit TMR3 Register								xxxx xxxx
FB1h	T3CON	TMR3CS<1:0>		T3CKPS<1:0>		T3SOSCEN	$\overline{T3SYNC}$	T3RD16	TMR3ON	0000 0000
FB0h	SPBRGH1	EUSART1 Baud Rate Generator, High Byte								0000 0000
FAFh	SPBRG1	EUSART1 Baud Rate Generator, Low Byte								0000 0000
FAEh	RCREG1	EUSART1 Receive Register								0000 0000
FADh	TXREG1	EUSART1 Transmit Register								0000 0000
FACh	TXSTA1	CSRC	TX9	TXEN	SYNC	SENDB	BRGH	TRMT	TX9D	0000 0010
FABh	RCSTA1	SPEN	RX9	SREN	CREN	ADDEN	FERR	OERR	RX9D	0000 000x
FAAh	EEADRH(5)	—	—	—	—	—	—	EEADR<9:8>		---- --00
FA9h	EEADR	EEADR<7:0>								0000 0000
FA8h	EEDATA	EEPROM Data Register								0000 0000
FA7h	EECON2	EEPROM Control Register 2 (not a physical register)								---- --00
FA6h	EECON1	EEPGD	CFGS	—	FREE	WRERR	WREN	WR	RD	xx-0 x000
FA5h	IPR3	SSP2IP	BCL2IP	RC2IP	TX2IP	CTMUIP	TMR5GIP	TMR3GIP	TMR1GIP	0000 0000
FA4h	PIR3	SSP2IF	BCL2IF	RC2IF	TX2IF	CTMUIF	TMR5GIF	TMR3GIF	TMR1GIF	0000 0000
FA3h	PIE3	SSP2IE	BCL2IE	RC2IE	TX2IE	CTMUIE	TMR5GIE	TMR3GIE	TMR1GIE	0000 0000

Legend: x = unknown, u = unchanged, — = unimplemented, q = value depends on condition

Note 1: PIC18(L)F4XK22 devices only.
2: PIC18(L)F2XK22 devices only.
3: PIC18(L)F23/24K22 and PIC18(L)F43/44K22 devices only.
4: PIC18(L)F26K22 and PIC18(L)F46K22 devices only.

TABLE 5-2: REGISTER FILE SUMMARY FOR PIC18(L)F2X/4XK22 DEVICES (CONTINUED)

Address	Name	Bit 7	Bit 6	Bit 5	Bit 4	Bit 3	Bit 2	Bit 1	Bit 0	Value on POR, BOR
FA2h	IPR2	OSCFIP	C1IP	C2IP	EEIP	BCL1IP	HLVDIP	TMR3IP	CCP2IP	1111 1111
FA1h	PIR2	OSCFIF	C1IF	C2IF	EEIF	BCL1IF	HLVDIF	TMR3IF	CCP2IF	0000 0000
FA0h	PIE2	OSCFIE	C1IE	C2IE	EEIE	BCL1IE	HLVDIE	TMR3IE	CCP2IE	0000 0000
F9Fh	IPR1	—	ADIP	RC1IP	TX1IP	SSP1IP	CCP1IP	TMR2IP	TMR1IP	-111 1111
F9Eh	PIR1	—	ADIF	RC1IF	TX1IF	SSP1IF	CCP1IF	TMR2IF	TMR1IF	-000 0000
F9Dh	PIE1	—	ADIE	RC1IE	TX1IE	SSP1IE	CCP1IE	TMR2IE	TMR1IE	-000 0000
F9Ch	HLVDCON	VDIRMAG	BGVST	IRVST	HLVDEN	HLVDL<3:0>				0000 0000
F9Bh	OSCTUNE	INTSRC	PLLEN	TUN<5:0>						00xx xxxx
F96h	TRISE	WPUE3	—	—	—	—	TRISE2(1)	TRISE1(1)	TRISE0(1)	1--- -111
F95h	TRISD(1)	TRISD7	TRISD6	TRISD5	TRISD4	TRISD3	TRISD2	TRISD1	TRISD0	1111 1111
F94h	TRISC	TRISC7	TRISC6	TRISC5	TRISC4	TRISC3	TRISC2	TRISC1	TRISC0	1111 1111
F93h	TRISB	TRISB7	TRISB6	TRISB5	TRISB4	TRISB3	TRISB2	TRISB1	TRISB0	1111 1111
F92h	TRISA	TRISA7	TRISA6	TRISA5	TRISA4	TRISA3	TRISA2	TRISA1	TRISA0	1111 1111
F8Dh	LATE(1)	—	—	—	—	—	LATE2	LATE1	LATE0	---- -xxx
F8Ch	LATD(1)	LATD7	LATD6	LATD5	LATD4	LATD3	LATD2	LATD1	LATD0	xxxx xxxx
F8Bh	LATC	LATC7	LATC6	LATC5	LATC4	LATC3	LATC2	LATC1	LATC0	xxxx xxxx
F8Ah	LATB	LATB7	LATB6	LATB5	LATB4	LATB3	LATB2	LATB1	LATB0	xxxx xxxx
F89h	LATA	LATA7	LATA6	LATA5	LATA4	LATA3	LATA2	LATA1	LATA0	xxxx xxxx
F84h	PORTE(2)	—	—	—	—	RE3	—	—	—	---- x---
	PORTE(1)	—	—	—	—	RE3	RE2	RE1	RE0	---- x000
F83h	PORTD(1)	RD7	RD6	RD5	RD4	RD3	RD2	RD1	RD0	0000 0000
F82h	PORTC	RC7	RC6	RC5	RC4	RC3	RC2	RC1	RC0	0000 00xx
F81h	PORTB	RB7	RB6	RB5	RB4	RB3	RB2	RB1	RB0	xxx0 0000
F80h	PORTA	RA7	RA6	RA5	RA4	RA3	RA2	RA1	RA0	xx0x 0000
F7Fh	IPR5	—	—	—	—	—	TMR6IP	TMR5IP	TMR4IP	---- -111
F7Eh	PIR5	—	—	—	—	—	TMR6IF	TMR5IF	TMR4IF	---- -111
F7Dh	PIE5	—	—	—	—	—	TMR6IE	TMR5IE	TMR4IE	---- -000
F7Ch	IPR4	—	—	—	—	—	CCP5IP	CCP4IP	CCP3IP	---- -000
F7Bh	PIR4	—	—	—	—	—	CCP5IF	CCP4IF	CCP3IF	---- -000
F7Ah	PIE4	—	—	—	—	—	CCP5IE	CCP4IE	CCP3IE	---- -000
F79h	CM1CON0	C1ON	C1OUT	C1OE	C1POL	C1SP	C1R	C1CH<1:0>		0000 1000
F78h	CM2CON0	C2ON	C2OUT	C2OE	C2POL	C2SP	C2R	C2CH<1:0>		0000 1000
F77h	CM2CON1	MC1OUT	MC2OUT	C1RSEL	C2RSEL	C1HYS	C2HYS	C1SYNC	C2SYNC	0000 0000
F76h	SPBRGH2	EUSART2 Baud Rate Generator, High Byte								0000 0000
F75h	SPBRG2	EUSART2 Baud Rate Generator, Low Byte								0000 0000
F74h	RCREG2	EUSART2 Receive Register								0000 0000
F73h	TXREG2	EUSART2 Transmit Register								0000 0000
F72h	TXSTA2	CSRC	TX9	TXEN	SYNC	SENDB	BRGH	TRMT	TX9D	0000 0010
F71h	RCSTA2	SPEN	RX9	SREN	CREN	ADDEN	FERR	OERR	RX9D	0000 000x
F70h	BAUDCON2	ABDOVF	RCIDL	DTRXP	CKTXP	BRG16	—	WUE	ABDEN	01x0 0-00
F6Fh	SSP2BUF	SSP2 Receive Buffer/Transmit Register								xxxx xxxx
F6Eh	SSP2ADD	SSP2 Address Register in I^2C Slave Mode. SSP2 Baud Rate Reload Register in I^2C Master Mode								0000 0000
F6Dh	SSP2STAT	SMP	CKE	D/$\overline{A}$	P	S	R/$\overline{W}$	UA	BF	0000 0000
F6Ch	SSP2CON1	WCOL	SSPOV	SSPEN	CKP	SSPM<3:0>				0000 0000
F6Bh	SSP2CON2	GCEN	ACKSTAT	ACKDT	ACKEN	RCEN	PEN	RSEN	SEN	0000 0000
F6Ah	SSP2MSK	SSP1 MASK Register bits								1111 1111
F69h	SSP2CON3	ACKTIM	PCIE	SCIE	BOEN	SDAHT	SBCDE	AHEN	DHEN	0000 0000

Legend: x = unknown, u = unchanged, — = unimplemented, q = value depends on condition

Note 1: PIC18(L)F4XK22 devices only.
2: PIC18(L)F2XK22 devices only.
3: PIC18(L)F23/24K22 and PIC18(L)F43/44K22 devices only.
4: PIC18(L)F26K22 and PIC18(L)F46K22 devices only.

TABLE 5-2: REGISTER FILE SUMMARY FOR PIC18(L)F2X/4XK22 DEVICES (CONTINUED)

Address	Name	Bit 7	Bit 6	Bit 5	Bit 4	Bit 3	Bit 2	Bit 1	Bit 0	Value on POR, BOR
F68h	CCPR2H	Capture/Compare/PWM Register 2, High Byte								xxxx xxxx
F67h	CCPR2L	Capture/Compare/PWM Register 2, Low Byte								xxxx xxxx
F66h	CCP2CON	P2M<1:0>		DC2B<1:0>		CCP2M<3:0>				0000 0000
F65h	PWM2CON	P2RSEN	P2DC<6:0>							0000 0000
F64h	ECCP2AS	CCP2ASE	CCP2AS<2:0>			PSS2AC<1:0>		PSS2BD<1:0>		0000 0000
F63h	PSTR2CON	—	—	—	STR2SYNC	STR2D	STR2C	STR2B	STR2A	---0 0001
F62h	IOCB	IOCB7	IOCB6	IOCB5	IOCB4	—	—	—	—	1111 ----
F61h	WPUB	WPUB7	WPUB6	WPUB5	WPUB4	WPUB3	WPUB2	WPUB1	WPUB0	1111 1111
F60h	SLRCON(2)	—	—	—	—	—	SLRC	SLRB	SLRA	---- -111
	SLRCON(1)	—	—	—	SLRE	SLRD	SLRC	SLRB	SLRA	---1 1111
F5Fh	CCPR3H	Capture/Compare/PWM Register 3, High Byte								xxxx xxxx
F5Eh	CCPR3L	Capture/Compare/PWM Register 3, Low Byte								xxxx xxxx
F5Dh	CCP3CON	P3M<1:0>		DC3B<1:0>		CCP3M<3:0>				0000 0000
F5Ch	PWM3CON	P3RSEN	P3DC<6:0>							0000 0000
F5Bh	ECCP3AS	CCP3ASE	CCP3AS<2:0>			PSS3AC<1:0>		PSS3BD<1:0>		0000 0000
F5Ah	PSTR3CON	—	—	—	STR3SYNC	STR3D	STR3C	STR3B	STR3A	---0 0001
F59h	CCPR4H	Capture/Compare/PWM Register 4, High Byte								xxxx xxxx
F58h	CCPR4L	Capture/Compare/PWM Register 4, Low Byte								xxxx xxxx
F57h	CCP4CON	—	—	DC4B<1:0>		CCP4M<3:0>				--00 0000
F56h	CCPR5H	Capture/Compare/PWM Register 5, High Byte								xxxx xxxx
F55h	CCPR5L	Capture/Compare/PWM Register 5, Low Byte								xxxx xxxx
F54h	CCP5CON	—	—	DC5B<1:0>		CCP5M<3:0>				--00 0000
F53h	TMR4	Timer4 Register								0000 0000
F52h	PR4	Timer4 Period Register								1111 1111
F51h	T4CON	—	T4OUTPS<3:0>				TMR4ON	T4CKPS<1:0>		-000 0000
F50h	TMR5H	Holding Register for the Most Significant Byte of the 16-bit TMR5 Register								0000 0000
F4Fh	TMR5L	Least Significant Byte of the 16-bit TMR5 Register								0000 0000
F4Eh	T5CON	TMR5CS<1:0>		T5CKPS<1:0>		T5SOSCEN	$\overline{\text{T5SYNC}}$	T5RD16	TMR5ON	0000 0000
F4Dh	T5GCON	TMR5GE	T5GPOL	T5GTM	T5GSPM	T5GGO/$\overline{\text{DONE}}$	T5GVAL	T5GSS<1:0>		0000 0x00
F4Ch	TMR6	Timer6 Register								0000 0000
F4Bh	PR6	Timer6 Period Register								1111 1111
F4Ah	T6CON	—	T6OUTPS<3:0>				TMR6ON	T6CKPS<1:0>		-000 0000
F49h	CCPTMRS0	C3TSEL<1:0>		—	C2TSEL<1:0>		—	C1TSEL<1:0>		00-0 0-00
F48h	CCPTMRS1	—	—	—	—	C5TSEL<1:0>		C4TSEL<1:0>		---- 0000
F47h	SRCON0	SRLEN	SRCLK<2:0>			SRQEN	SRNQEN	SRPS	SRPR	0000 0000
F46h	SRCON1	SRSPE	SRSCKE	SRSC2E	SRSC1E	SRRPE	SRRCKE	SRRC2E	SRRC1E	0000 0000
F45h	CTMUCONH	CTMUEN	—	CTMUSIDL	TGEN	EDGEN	EDGSEQEN	IDISSEN	CTTRIG	0000 0000
F44h	CTMUCONL	EDG2POL	EDG2SEL<1:0>		EDG1POL	EDG1SEL<1:0>		EDG2STAT	EDG1STAT	0000 0000
F43h	CTMUICON	ITRIM<5:0>						IRNG<1:0>		0000 0000
F42h	VREFCON0	FVREN	FVRST	FVRS<1:0>		—	—	—	—	0001 ----
F41h	VREFCON1	DACEN	DACLPS	DACOE	—	DACPSS<1:0>		—	DACNSS	000- 00-0
F40h	VREFCON2	—	—	—	DACR<4:0>					---0 0000
F3Fh	PMD0	UART2MD	UART1MD	TMR6MD	TMR5MD	TMR4MD	TMR3MD	TMR2MD	TMR1MD	0000 0000
F3Eh	PMD1	MSSP2MD	MSSP1MD	—	CCP5MD	CCP4MD	CCP3MD	CCP2MD	CCP1MD	00-0 0000
F3Dh	PMD2	—	—	—	—	CTMUMD	CMP2MD	CMP1MD	ADCMD	---- 0000
F3Ch	ANSELE(1)	—	—	—	—	—	ANSE2	ANSE1	ANSE0	---- -111
F3Bh	ANSELD(1)	ANSD7	ANSD6	ANSD5	ANSD4	ANSD3	ANSD2	ANSD1	ANSD0	1111 1111

Legend: x = unknown, u = unchanged, — = unimplemented, q = value depends on condition

Note 1: PIC18(L)F4XK22 devices only.

2: PIC18(L)F2XK22 devices only.

3: PIC18(L)F23/24K22 and PIC18(L)F43/44K22 devices only.

4: PIC18(L)F26K22 and PIC18(L)F46K22 devices only.

TABLE 5-2: REGISTER FILE SUMMARY FOR PIC18(L)F2X/4XK22 DEVICES (CONTINUED)

Address	Name	Bit 7	Bit 6	Bit 5	Bit 4	Bit 3	Bit 2	Bit 1	Bit 0	Value on POR, BOR
F3Ah	ANSELC	ANSC7	ANSC6	ANSC5	ANSC4	ANSC3	ANSC2	—	—	1111 11--
F39h	ANSELB	—	—	ANSB5	ANSB4	ANSB3	ANSB2	ANSB1	ANSB0	--11 1111
F38h	ANSELA	—	—	ANSA5	—	ANSA3	ANSA2	ANSA1	ANSA0	--1- 1111

Legend: x = unknown, u = unchanged, — = unimplemented, q = value depends on condition

Note 1: PIC18(L)F4XK22 devices only.

2: PIC18(L)F2XK22 devices only.

3: PIC18(L)F23/24K22 and PIC18(L)F43/44K22 devices only.

4: PIC18(L)F26K22 and PIC18(L)F46K22 devices only.