

TABLE 8-3 RESET CONDITION FOR PROGRAM COUNTER AND THE STATUS REGISTER

Condition	Program Counter	STATUS Register
Power-on Reset	000h	0001 1xxx
MCLR Reset during normal operation	000h	000u uuuu
MCLR Reset during SLEEP	000h	0001 0uuu
WDT Reset (during normal operation)	000h	0000 1uuu
WDT Wake-up	PC + 1	uuu0 0uuu
Interrupt wake-up from SLEEP	PC + 1 ⁽¹⁾	uuu1 0uuu

Legend: u = unchanged, x = unknown.

Note 1: When the wake-up is due to an interrupt and the GIE bit is set, the PC is loaded with the interrupt vector (0004h).

TABLE 8-4 RESET CONDITIONS FOR ALL REGISTERS

Register	Address	Power-on Reset	MCLR Reset during: – normal operation – SLEEP WDT Reset during normal operation	Wake-up from SLEEP: – through interrupt – through WDT Time-out
W	—	xxxx xxxx	uuuu uuuu	uuuu uuuu
INDF	00h	---- ----	---- ----	---- ----
TMR0	01h	xxxx xxxx	uuuu uuuu	uuuu uuuu
PCL	02h	0000h	0000h	PC + 1 ⁽²⁾
STATUS	03h	0001 1xxx	000q quuu ⁽³⁾	uuuq quuu ⁽³⁾
FSR	04h	xxxx xxxx	uuuu uuuu	uuuu uuuu
PORTA	05h	---x xxxx	---u uuuu	---u uuuu
PORTB	06h	xxxx xxxx	uuuu uuuu	uuuu uuuu
EEDATA	08h	xxxx xxxx	uuuu uuuu	uuuu uuuu
EEADR	09h	xxxx xxxx	uuuu uuuu	uuuu uuuu
PCLATH	0Ah	---0 0000	---0 0000	---u uuuu
INTCON	0Bh	0000 000x	0000 000u	uuuu uuuu ⁽¹⁾
INDF	80h	---- ----	---- ----	---- ----
OPTION_REG	81h	1111 1111	1111 1111	uuuu uuuu
PCL	82h	0000h	0000h	PC + 1
STATUS	83h	0001 1xxx	000q quuu ⁽³⁾	uuuq quuu ⁽³⁾
FSR	84h	xxxx xxxx	uuuu uuuu	uuuu uuuu
TRISA	85h	---1 1111	---1 1111	---u uuuu
TRISB	86h	1111 1111	1111 1111	uuuu uuuu
EECON1	88h	---0 x000	---0 q000	---0 uuuu
EECON2	89h	---- ----	---- ----	---- ----
PCLATH	8Ah	---0 0000	---0 0000	---u uuuu
INTCON	8Bh	0000 000x	0000 000u	uuuu uuuu ⁽¹⁾

Legend: u = unchanged, x = unknown, - = unimplemented bit read as '0',
q = value depends on condition.

Note 1: One or more bits in INTCON will be affected (to cause wake-up).

2: When the wake-up is due to an interrupt and the GIE bit is set, the PC is loaded with the interrupt vector (0004h).

3: Table 8-3 lists the reset value for each specific condition.