2.1 I/O BASE ADDRESS

The I/O addresses of serial port A and B can be hardware selected from four possible addresses. They are:

COM1   3F8–3FF Hex
COM2   2F8–2FF Hex
COM3   3E8–3EF Hex
COM4   2E8–2EF Hex

The DIP switch, SW2, (or jumpers, JP11 to JP18) is used to select serial port A and B among COM1, COM2, COM3, COM4 or disable as follows:

A> For Serial Port A

I/O Address	SW2-1 (JP11)	SW2-2 (JP12)	SW2-3 (JP13)	SW2-4 (JP14)
COM1	ON (Short)	—	—	—
COM2	—	—	ON (Short)	—
COM3	—	ON (Short)	—	—
COM4	—	—	—	ON (Short)
Disable	—	—	—	—

B> For Serial Port B

I/O Address	SW2-5 (JP15)	SW2-6 (JP16)	SW2-7 (JP17)	SW2-8 (JP18)
COM1	ON (Short)	—	—	—
COM2	—	—	ON (Short)	—
COM3	—	ON (Short)	—	—
COM4	—	—	—	ON (Short)
Disable	—	—	—	—

Note: To avoid the conflicts, it is important that the user can't assign the same I/O address to serial port A and B simultaneously.

"—" is OFF in switches or open in jumpers

2.2 IRQ LEVEL

There are four IRQ levels available to be assigned to the serial port A (CN1) and B (CN2) by the DIP switch, SW1 (or jumpers JP3 to JP10). The settings are as follows:

A> For Serial Port A

Interrupt Request Line	SW1-3 (JP3)	SW1-4 (JP4)	SW1-5 (JP5)	SW1-6 (JP6)
IRQ3	—	ON (Short)	—	—
IRQ4	—	—	ON (Short)	—
IRQ5	—	—	—	ON (Short)
IRQ9*	ON (Short)	—	—	—

B> For Serial Port B

Interrupt Request Line	SW1-7 (JP7)	SW1-8 (JP8)	SW1-9 (JP9)	SW1-10 (JP10)
IRQ3	—	ON (Short)	—	—
IRQ4	—	—	ON (Short)	—
IRQ5	—	—	—	ON (Short)
IRQ9*	ON (Short)	—	—	—

* IRQ9 is for the 80286/80386 based system. It's IRQ2 in the 8088 system.

Note: To avoid the conflicts, it is important that the user can't assign the same IRQ level to serial port A and B simultaneously.

SECTION 3 PARALLEL PRINTER PORT

The KW-524G provides the user with a fully bidirectional parallel data port through a 25-pin D type connector (CN3) that support the parallel Centronics type printer. The parallel printer port can be connected with the 25-pin D connector from an industry-standard parallel printer cable.

3.1 I/O BASE ADDRESS AND IRQ LEVEL

The I/O base address of printer port (CN3) can be selected from two possible addresses (378H or 278H) by DIP switch, SW1, (or jumpers JP1 & JP2), but the IRQ level is fixed at IRQ7 without choice. The way of selection is listed as follows:

I/O Address	SW1-1 (JP1)	SW1-2 (JP2)
378H	ON (Short)	—
278H	—	ON (Short)
Disable	—	—