```
SWITCH SETTINGS
+-----------+
¦1¦2¦3¦4¦5¦6¦     SW1: 1 = ON, 0 = OFF
+-----------+
 ¦ ¦ ¦ ¦ +------  Parallel Port Address
 ¦ ¦ ¦ ¦ 0 1      LPT1 - 3BCH: Used only if no Monochrome/Printer Adapter
 ¦ ¦ ¦ ¦ 1 0      LPT2 - 378H: Is LPT2 if Monochrome/Printer is present
 ¦ ¦ ¦ ¦ 1 1      LPT3 - 278H
 ¦ ¦ ¦ ¦ 0 0      Disabled
 ¦ ¦ ¦ ¦
 ¦ ¦ +------  Second Serial Port Address
 ¦ ¦ 0 1      COM1 - 3F8H & Jumper E11-E13 for IRQ4
 ¦ ¦ 1 0      COM2 - 2F8H & Jumper E13-E15 for IRQ3*
 ¦ ¦ 1 1      COM3 - 3E8H
 ¦ ¦ 0 0      Second Serial Port Disabled
 ¦ ¦
 +-----  First Serial Port Address
 0 1      COM1 - 3F8H & Jumper E39-E41 for IRQ4*
 1 0      COM2 - 2F8H & Jumper E41-E43 for IRQ3
 1 1      COM3 - 3E8H
 0 0      First Serial Port Disabled
```

JUMPER SETTINGS

Device	Description	Configuration
Parallel Port	Interrupt Level IRQ7	E35-E37* *Factory settings
	Interrupt Level IRQ5	E37-E38
Parallel Port	Unidirectional Port Control	E8-E10*
	Bidirectional Port Control	E7-E8
	Bidirectional/Internal Ctrl	E4-E6*
	Bidirectional/External Ctrl	E5-E6
Parallel Port	Centronics Interface	E1-E3*
	Dataproducts Interface	E1-E2
Serial Port 1	RS-232 Interface	E25-E26*
	TTL Interface	E26-E28
	Ring Indicator connected	E29-E30*
	+5V on pin 9	E27-E29
Serial Port 2	RS-232 Interface	E20-E22*
	TTL Interface	E18-E20
	Ring Indicator connected	E21-E23*
	+5V omn pin 9	E19-E21
Slot Selection	PC-XT short slot	E31-E32
	Other installations	E31-E33*

ADDING 2ND SERIAL PORT TO THE PS PORT

Add National Semiconductor or equivalent NS16450 (U2), SN75154N (U1), and MC1488N
(U5). Configure the port accordingly.

EXTERNAL EQUIPMENT CONNECTIONS

```
J1              DB25 Female Parallel Printer Port Connector
J2              DB9 Male Serial Port 1 Connector
J3              10-Pin Berg header for optional Serial Port 2 cliffhanger cable
```

```
10-Pin BERG HEADER PINOUTS                   DB9 MALE CONNECTOR PINOUTS

1    CD        6    CTS           1    CD        6    DSR
2    DSR       7    DTR           2    RXD       7    RTS
3    RXD       8    RI            3    TXD       8    CTS
4    RTS       9    SGRND         4    DTR       9    RI
5    TXD                         5    SGRND
```