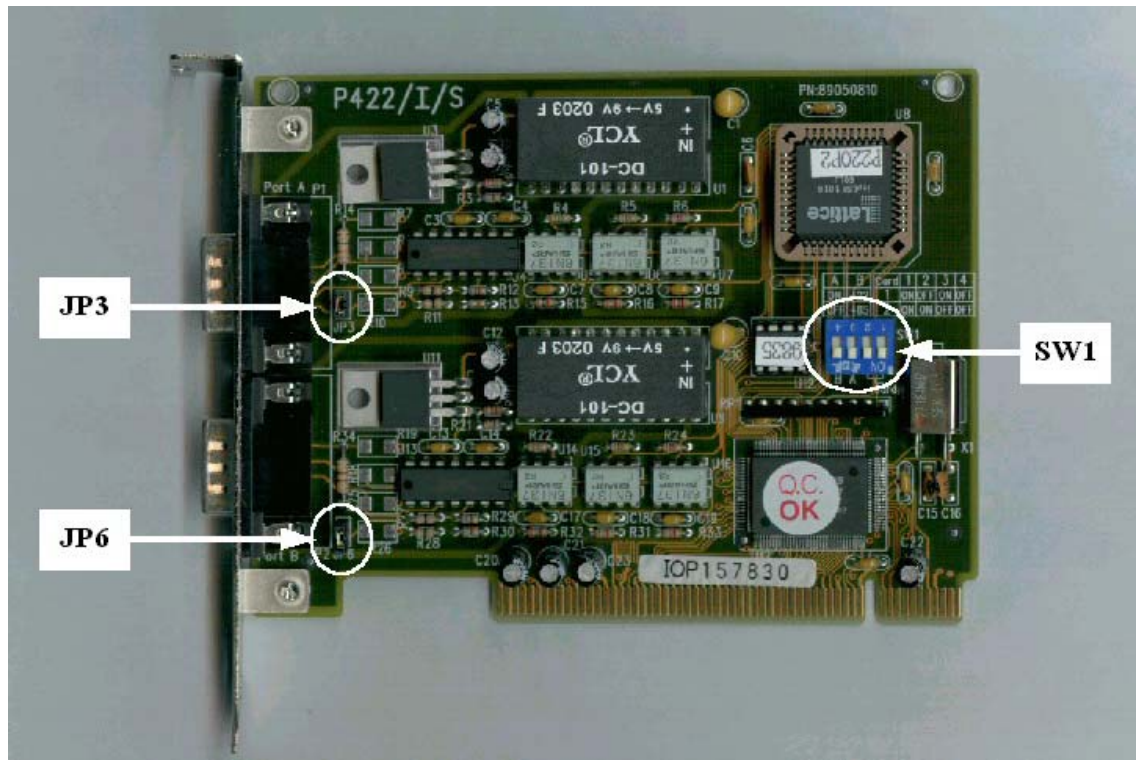


## P422I card usage



### 1. DIP SWITCH in SW1:

this is 4 bit DIP switch. bit1 & 2 is used to set card number. default condition is in ON position to set in 1'st card mode. bit3 & 4 is used to set port interface type. bit3 is used for port A. bit4 is used for port B. default condition is in ON position for RS422 interface. When we set in OFF position (the other side of ON), port interface is RS485 mode.

### 2. Jumper in JP3 & JP6:

this is jumper to insert(remove) 120ohm terminator resistor in RS422/485 interface. JP3 is used for port A. JP6 is used for port B. When jumper is shorted, the terminator resistor inserted. When jumper is opened, the terminator resistor removed from interface. Default condition is no terminator resistor (jumper open).

### 3. usage in RS485 interface mode:

When user need to use port type RS485 interface, we need to set DIP switch in SW1 to OFF position. Then we need to short pin2 & pin3 in DB9 connector as DATA+ signal and short pin4 & pin6 as DATA- signal for RS485 connection. User can also use our TB485 convertor for DB9 connector to 3 terminal block for DATA+ , DATA- , GND connection.

### 4. Pin definition for DB9 connector:

Please check Appendix A-4 table for more information.