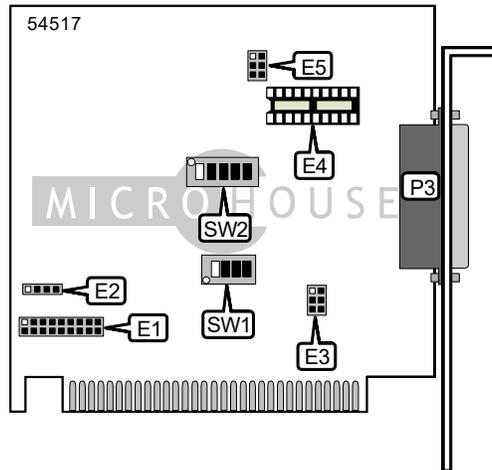


# SEALEVEL SYSTEMS, INC. ULTRA-485

Card Type	Serial card
Chip Set	Unidentified
Maximum Onboard Memory	Unidentified
I/O Options	Serial port
Hard Drives supported	None
Floppy drives supported	None
Data Bus	8-bit ISA
Card Size	Full-length, full-height



CONNECTIONS	
Function	Label
Serial Port	P3

BASE I/O ADDRESS SELECTION PORT 1				
Setting	SW1/1	SW1/2	SW1/3	SW1/4
Disabled	On	On	On	On
238h	Off	On	On	Off
280h	Off	Off	On	On
288h	Off	Off	On	Off
290h	Off	Off	Off	On
298h	Off	Off	Off	Off
2E8h	On	Off	On	On
2F8h	On	On	Off	On
300h	Off	On	Off	On
308h	Off	On	Off	Off
3E8h	On	On	Off	Off
3F8h	On	On	On	Off
3220h	On	Off	On	Off
3228h	On	Off	Off	On
4220h	On	Off	Off	Off
4228h	Off	On	On	On

Continued on next page . . .

SERIAL PORT 1 INTERRUPT SELECTION									
IRQ	E1/A	E1/B	E1/C	E1/D	E1/E	E1/F	E1/G	E1/H	E1/I
2	Closed	Open							
3	Open	Closed	Open						
4	Open	Open	Closed	Open	Open	Open	Open	Open	Open
5	Open	Open	Open	Closed	Open	Open	Open	Open	Open
7	Open	Open	Open	Open	Closed	Open	Open	Open	Open
10	Open	Open	Open	Open	Open	Closed	Open	Open	Open
11	Open	Open	Open	Open	Open	Open	Closed	Open	Open
12	Open	Closed	Open						
15	Open	Closed							

SERIAL INTERRUPT MODE SELECTION	
IRQ	E2
Normal	Pins 1 & 2 closed
Shared Interrupt mode	Pins 2 & 3 closed
None (1K ohm pull-down resistor)	Pins 3 & 4 closed

Note: When using two adapters and having them share an IRQ, one must be set in the shared mode and one must be set to include the 1K ohm pull-down resistor.

SERIAL PORT RECEIVE MODE SELECTION		
Function	Label	Position
RS-485 driver automatically enabled/disabled for receiver circuit	E3	Pins 1 & 2 closed
Request to send receiver circuit enabled (RS-485)	E3	Pins 3 & 4 closed
RS-422 enabled for receiver circuit	E3	Pins 5 & 6 closed

SERIAL PORT TRANSMITT MODE SELECTION		
Function	Label	Position
RS-485 driver automatically enabled/disabled for transmitter circuit	E5	Pins 1 & 2 closed
Request to send transmitter enabled (RS-485)	E5	Pins 3 & 4 closed
RS-422 enabled for transmitter circuit	E5	Pins 5 & 6 closed

CONNECTOR PIN ASSIGNMENTS	
MODE	E4
EIA-530	Pins 1-10 closed
SIO-485	Pins 11-20 closed

**LINE TERMINATION**

Mode	Label	Position
120 ohm termination enabled	SW2/1	On
120 ohm termination disabled	SW2/1	Off
1K ohm pull-down resistor enabled	SW2/2	On
1K ohm pull-down resistor disabled	SW2/2	Off
1K ohm pull-up resistor enabled	SW2/3	On
1K ohm pull-up resistor disabled	SW2/3	Off
Connect TX+ to RX+ for 2 wire operation (RS-485)	SW2/4	On
Connect TX- to RX- for 2 wire operation (RS-485)	SW2/5	On