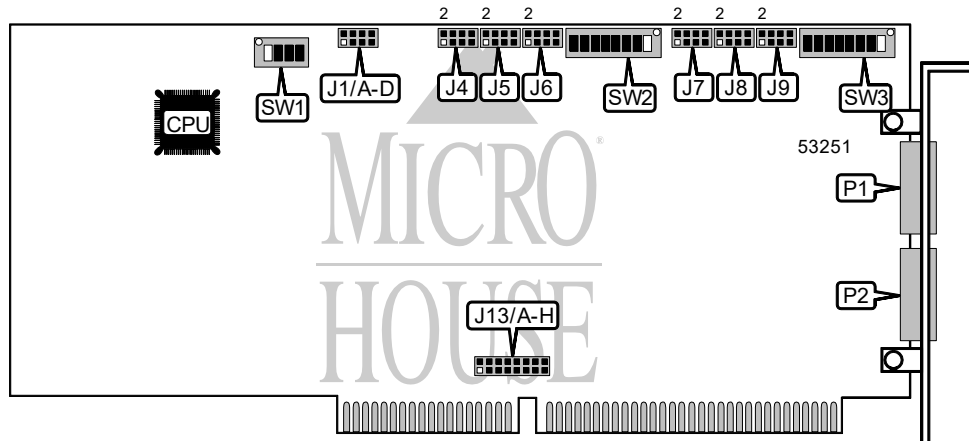


# EMULEX CORPORATION

## DCP286I-SBC

<b>Card Type</b>	Serial
<b>Processor</b>	80286
<b>Processor Speed</b>	Unidentified
<b>Chipset</b>	Unidentified
<b>Maximum Onboard Memory</b>	1MB DRAM
<b>I/O Options</b>	Serial ports (2)
<b>Data Bus</b>	16-bit ISA
<b>Card Size</b>	Full height, three-quarters length



CONNECTIONS			
Function	Label	Function	Label
RS-232, RS-422, or V.35 serial port 1 via unidentified connector	P1	RS-232, RS-422, or V.35 serial port 2 via unidentified connector	P2

USER CONFIGURABLE SETTINGS		
Setting	Label	Position
Board performs as DCP286i-SBC	J1/A	Closed
Board performs as DCP286-SBC	J1/A	Open
Host may read Control Register 4	J1/B	Closed
Host may not read Control Register 4	J1/B	Open
Shared RAM window size may be 16KB, 32KB, 64KB, or 1MB	J1/C	Closed
Shared RAM window size may be 16KB, 64KB, or 128KB	J1/C	Open
Board will use 1MB DRAM	J1/D	Closed
Board will use 512KB DRAM	J1/D	Open

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## DCP286I-SBC

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BASE I/O ADDRESS SELECTION				
Setting	SW1/1	SW1/2	SW1/3	SW1/4
13Ch	On	On	Off	On
17Ch	Off	On	Off	On
1BCh	On	Off	Off	On
1FCh	Off	Off	Off	On
23Ch	On	On	On	Off
27Ch	Off	On	On	Off
2BCh	On	Off	On	Off
2FCh	Off	Off	On	Off
33Ch	On	On	Off	Off
37Ch	Off	On	Off	Off
3BCh	On	Off	Off	Off
3FCh	Off	Off	Off	Off

INTERRUPT SELECTION								
Setting	J13/A	J13/B	J13/C	J13/D	J13/E	J13/F	J13/G	J13/H
2/9	Open	Open	Open	Open	Open	Open	Open	Closed
3	Open	Open	Open	Open	Open	Open	Closed	Open
4	Open	Open	Open	Open	Open	Closed	Open	Open
5	Open	Open	Open	Open	Closed	Open	Open	Open
10	Open	Open	Open	Closed	Open	Open	Open	Open
11	Open	Open	Closed	Open	Open	Open	Open	Open
12	Open	Closed	Open	Open	Open	Open	Open	Open
15	Closed	Open	Open	Open	Open	Open	Open	Open

SERIAL PORT 1 CONFIGURATION (RS-232/422)			
Setting	J7	J8	J9
DTE, non-terminated	Pins 1 & 2, 3 & 4, 5 & 6, 7 & 8 closed	Pins 1 & 2, 3 & 4, 5 & 6, 7 & 8 closed	Pins 1 & 2, 3 & 4, 5 & 6, 7 & 8 closed
DTE, terminated	Pins 1 & 2, 3 & 4, 5 & 6, 7 & 8 closed	Pins 1 & 2, 3 & 4, 5 & 6, 7 & 8 closed	Pins 1 & 2, 3 & 4, 5 & 6, 7 & 8 closed
DCE, non-terminated	Pins 1 & 2, 3 & 4, 5 & 6, 7 & 8 closed	Pins 1 & 2, 3 & 4, 5 & 6, 7 & 8 closed	Pins 1 & 2, 3 & 4, 5 & 6, 7 & 8 closed
DCE, terminated	Pins 1 & 2, 3 & 4, 5 & 6, 7 & 8 closed	Pins 1 & 2, 3 & 4, 5 & 6, 7 & 8 closed	Pins 1 & 2, 3 & 4, 5 & 6, 7 & 8 closed

SERIAL PORT 1 CONFIGURATION (RS-232/422, CON'T)								
Setting	SW3/1	SW3/2	SW3/3	SW3/4	SW3/5	SW3/6	SW3/7	SW3/8
DTE, non-terminated	Off	Off	Off	Off	Off	Off	Off	On
DTE, terminated	Off	On	On	On	Off	Off	Off	On
DCE, non-terminated	On	Off	Off	Off	Off	Off	Off	Off
DCE, terminated	On	On	Off	Off	Off	Off	Off	Off

Note: Termination is for RS-422 mode only.

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# EMULEX CORPORATION

## DCP286I-SBC

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SERIAL PORT 1 CONFIGURATION (V.35)			
Setting	J7	J8	J9
DTE	Pins 1 & 2, 3 & 4, 5 & 6, 7 & 8 closed	Pins 1 & 2, 3 & 4, 5 & 6, 7 & 8 closed	Pins 1 & 3, 2 & 4, 5 & 7, 6 & 8 closed
DCE	Pins 1 & 3, 2 & 4, 5 & 7, 6 & 8 closed	Pins 1 & 3, 2 & 4, 5 & 7, 6 & 8 closed	Pins 1 & 3, 2 & 4, 5 & 7, 6 & 8 closed

SERIAL PORT 1 CONFIGURATION (V.35, CON'T)								
Setting	SW3/1	SW3/2	SW3/3	SW3/4	SW3/5	SW3/6	SW3/7	SW3/8
DTE	Off	On	On	On	On	On	On	On
DCE	On	On	Off	Off	On	Off	Off	Off

SERIAL PORT 2 CONFIGURATION (RS-232/422)			
Setting	J4	J5	J6
DTE, non-terminated	Pins 1 & 2, 3 & 4, 5 & 6, 7 & 8 closed	Pins 1 & 2, 3 & 4, 5 & 6, 7 & 8 closed	Pins 1 & 2, 3 & 4, 5 & 6, 7 & 8 closed
DTE, terminated	Pins 1 & 2, 3 & 4, 5 & 6, 7 & 8 closed	Pins 1 & 2, 3 & 4, 5 & 6, 7 & 8 closed	Pins 1 & 2, 3 & 4, 5 & 6, 7 & 8 closed
DCE, non-terminated	Pins 1 & 2, 3 & 4, 5 & 6, 7 & 8 closed	Pins 1 & 2, 3 & 4, 5 & 6, 7 & 8 closed	Pins 1 & 2, 3 & 4, 5 & 6, 7 & 8 closed
DCE, terminated	Pins 1 & 2, 3 & 4, 5 & 6, 7 & 8 closed	Pins 1 & 2, 3 & 4, 5 & 6, 7 & 8 closed	Pins 1 & 2, 3 & 4, 5 & 6, 7 & 8 closed

SERIAL PORT 2 CONFIGURATION (RS-232/422, CON'T)								
Setting	SW2/1	SW2/2	SW2/3	SW2/4	SW2/5	SW2/6	SW2/7	SW2/8
DTE, non-terminated	Off	Off	Off	Off	Off	Off	Off	On
DTE, terminated	Off	On	On	On	Off	Off	Off	On
DCE, non-terminated	On	Off	Off	Off	Off	Off	Off	Off
DCE, terminated	On	On	Off	Off	Off	Off	Off	Off

Note: Termination is for RS-422 mode only.

SERIAL PORT 2 CONFIGURATION (V.35)			
Setting	J4	J5	J6
DTE	Pins 1 & 2, 3 & 4, 5 & 6, 7 & 8 closed	Pins 1 & 2, 3 & 4, 5 & 6, 7 & 8 closed	Pins 1 & 3, 2 & 4, 5 & 7, 6 & 8 closed
DCE	Pins 1 & 3, 2 & 4, 5 & 7, 6 & 8 closed	Pins 1 & 3, 2 & 4, 5 & 7, 6 & 8 closed	Pins 1 & 3, 2 & 4, 5 & 7, 6 & 8 closed

SERIAL PORT 2 CONFIGURATION (V.35, CON'T)								
Setting	SW2/1	SW2/2	SW2/3	SW2/4	SW2/5	SW2/6	SW2/7	SW2/8
DTE	Off	On	On	On	On	On	On	On
DCE	On	On	Off	Off	On	Off	Off	Off

MISCELLANEOUS TECHNICAL NOTES	
The method for selecting the serial port type (RS-232, RS-422, or V.35) is unidentified.	