COMTROL CORPORATION
HOSTESS CLUSTER

Category	Serial controller
Chipset Controller	NEC
I/O Options Supported	Serial ports (16)
Maximum Onboard Memory	2MB
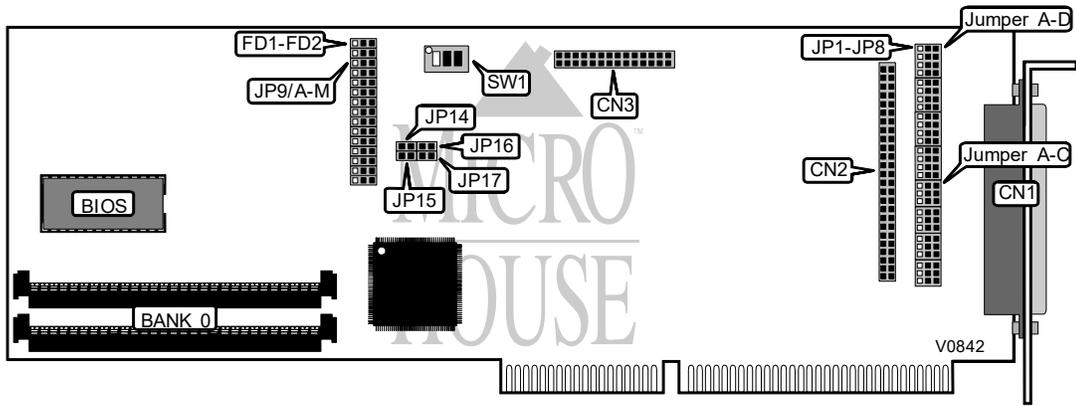
CONNECTIONS			
Purpose	Location	Purpose	Location
100-pin serial interface connector	CN1	8-port upgrade card connector	CN3
8-port upgrade card connector	CN2		

RS-232/RS-422 SELECT - JP1-JP8				
Setting	Jumper A	Jumper B	Jumper C	Jumper D
RS-232	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 1 & 2 closed
RS-422	Pins 2 & 3 closed	Pins 2 & 3 closed	Pins 2 & 3 closed	Pins 2 & 3 closed
Note: JP1-JP8 correspond to serial ports 1 - 8, respectively. Jumper D does not exist on JP5-JP8.				

PORT 1 FULL/HALF DUPLEX SELECT	
Setting	FD1
Half-duplex mode	Pins 1 & 2 closed
Full-duplex mode (DMA1)	Pins 2 & 3 closed

PORT 2 FULL/HALF DUPLEX SELECT	
Setting	FD2
Half-duplex mode	Pins 1 & 2 closed
Full-duplex mode (DMA2)	Pins 2 & 3 closed

PORTS 1 & 2 RS-232 SYNCHRONOUS/ASYNCHRONOUS SELECT - JP9		
Setting	Jumper A - Jumper E	Jumper F - Jumper M
Asynchronous	Pins 1 & 2 closed	Pins 1 & 2 closed
Synchronous	Pins 2 & 3 closed	Pins 1 & 2 closed

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PORT 1 DATA TERMINAL READY (DTR) OPTIONS		
Setting	JP14	JP15
í Normal RS-232	Closed	Open
Synchronous RS-232	Open	Closed

PORT 2 DATA TERMINAL READY (DTR) OPTIONS		
Setting	JP16	JP17
í Normal RS-232	Closed	Open
Synchronous RS-232	Open	Closed

I/O ADDRESS			
etting	S √1/1	S √1/2	S √1/3
í 218h	Off	Off	Off
21Ch	On	Off	Off
238h	Off	On	Off
23Ch	On	On	Off

DRAM CONFIGURATION	
Memory Size	Bank 0
í 128KB	(2) 64K x 9
2MB	(2) 1M x 9