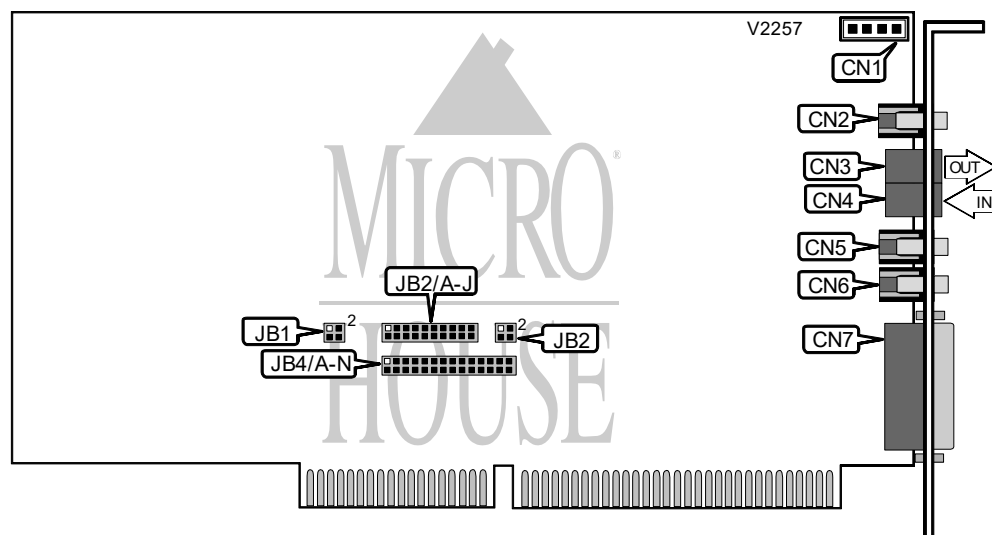


PROMETHEUS PRODUCTS, INC.

CYBERSTERO PC144IVA, CYBERSTERO PC144IVSPA

Card Type	Fax, Modem (asynchronous), Sound card
Chip Set	Unidentified
I/O Options	Audio line in, Audio line out, CD-ROM interface, Microphone, MIDI/game port, Speakerphone
Maximum Modem Rate	14.4Kbps
Maximum Fax Rate	14.4Kbps
Data Bus	16-bit ISA
Fax Class	Class II
Data Modulation Protocol	Bell 103/212A
Fax Modulation Protocol	ITU-T V.22, V.22bis, V.32, V.32bis
Error Correction/Compression	ITU-T V.27ter, V.29
	MNP5, V.42, V.42bis



CONNECTIONS			
Function	Label	Function	Label
CD-ROM connector	CN1	Microphone	CN5
Audio line out	CN2	Audio line in	CN6
Phone line out	CN3	MIDI/game port	CN7
Phone line in	CN4		

DMA CHANNEL SELECTION				
Channel	JB4/I	JB4/J	JB4/K	JB4/L
0	Off	On	On	Off
1	On	Off	Off	On
3	On	Off	On	Off
None	Off	On	Off	On

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I/O ADDRESS SELECTION				
Setting	JB4/A	JB4/B	JB4/C	JB4/D
220	Off	On	Off	On
230	Off	On	On	Off
240	On	Off	Off	On
250	On	Off	On	Off

INTERRUPT SELECTION				
IRQ	JB4/E	JB4/F	JB4/G	JB4/H
IRQ5	Off	On	On	Off
IRQ7	On	Off	Off	On
IRQ9	Off	On	Off	On
IRQ10	On	Off	On	Off

JOYSTICK CONTROL		
Setting	JB4/M	JB4/N
Enabled	On	Off
Disabled	Off	On

MODEM CONTROL		
Setting	JB1/Pins 1 & 2	JB1/Pins 3 & 4
Enabled	Closed	Open
Disabled	Open	Closed

SERIAL PORT ADDRESS SELECTION				
Setting	JB2/G	JB2/H	JB2/I	JB2/J
COM1 (3F8h)	Off	On	Off	On
COM2 (2F8h)	Off	On	On	Off
COM3 (3E8h)	On	Off	Off	On
COM4 (2E8h)	On	Off	On	Off

SERIAL PORT 1 INTERRUPT SELECTION						
IRQ	JB2/A	JB2/B	JB2/C	JB2/D	JB2/E	JB2/F
IRQ3	On	Off	Off	Off	Off	Off
IRQ4	Off	On	Off	Off	Off	Off
IRQ5	Off	Off	On	Off	Off	Off
IRQ7	Off	Off	Off	On	Off	Off
IRQ10	Off	Off	Off	Off	On	Off
IRQ11	Off	Off	Off	Off	Off	On

SOUND CARD CONTROL		
Setting	JB3/Pins 1 & 2	JB3/Pins 3 & 4
Enabled	Closed	Open
Disabled	Open	Closed

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Proprietary AT Command Set

AUTO-RELIABLE TIME BUFFER CONFIGURATION	
Type:	Configuration
Format:	AT [cmds] \Cn [cmds]
Description:	Controls the handling of incoming data during auto-reliable time period
Command	Function
\C0	Data is discarded
\C1	Data is buffered
\C2	Data is discarded; modem returns to normal mode on receiving auto-reliable fallback character.

AUTO-RETRAIN - AUTO-FALLBACK/FALL-FORWARD	
Type:	Configuration
Format:	AT [cmds] %En [cmds]
Description:	Controls auto-retrain mode and fallback/fall-forward
Command	Function
%E0	Auto-retrain disabled
%E1	Auto-retrain enabled

BREAK TYPE	
Type:	Configuration
Format:	AT [cmds] \Kn [cmds]
Description:	Configures action of break signal
Command	Function
\K0	Online command mode enabled, send no break to remote modem
\K1	Break sent to remote modem and buffered cleared
\K2	Online command mode enabled, send no break to remote modem
\K3	Send break to remote modem immediately
\K4	Online command mode enabled, send no break to remote modem
\K5	Send break with transmitted data

BUFFER SIZE - LOWER LIMIT	
Type:	Register
Format:	AT [cmds] S49=n [cmds]
Default:	10
Range:	0-255
Unit:	1 byte
Description:	Controls the low-end size of the buffer during error-control mode

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BUFFER SIZE - UPPER LIMIT	
Type:	Register
Format:	AT [cmds] S50= <i>n</i> [cmds]
Default:	200
Range:	2-255
Unit:	1 byte
Description:	Controls the high-end size of the buffer during error-control mode

COMPRESSION	
Type:	Configuration
Format:	AT [cmds] %C <i>n</i> [cmds]
Description:	Selects data compression
Command	Function
%C0	Data compression disabled
%C1	MNP5 enabled

CONNECT MODE	
Type:	Configuration
Format:	AT [cmds] \N <i>n</i> [cmds]
Description:	Controls the type of connection the modem will operate in
Command	Function
\N0	Normal mode enabled
\N1	Direct mode enabled
\N2	MNP reliable mode enabled
\N3	Auto-reliable mode enabled
\N4	V.42 reliable mode enabled
\N5	V.42 auto-reliable mode enabled
\N6	Reliable mode enabled

DIAL	
Type:	Immediate
Format:	AT [cmds] D<#> [cmds]
Description:	Dials telephone number according to any modifiers included in the string
Note:	Any combination of modifiers can be used to produce the desired dial functions in sequence.
Modifier	Function
L	Re-dial last number
P	Pulse dialing enabled
Sn	Dial stored telephone number <i>n</i>
T	Tone dialing enabled
W	Dialing resumed following dial tone detection for amount of time specified in S7 register
,	Dialing paused for amount of time specified in S8 register
!	Modem commanded to go off-hook for .5 second before returning on-hook
@	Wait for quiet answer for amount of time specified in S7 register
;	Modem returned to command state after dialing

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DICTIONARY SIZE	
Type:	Configuration
Format:	AT [cmds] %Dn [cmds]
Description:	Select dictionary size
Command	Function
%D0	Select 1/2K bytes
%D1	Select 1K bytes
%D2	Select 2K bytes

EXTENDED RESULT CODES	
Type:	Configuration
Format:	AT [cmds] \Vn [cmds]
Description:	Selects extended result codes
Command	Function
\V0	Extended result codes disabled
\V1	Extended result codes enabled

FLOW CONTROL	
Type:	Configuration
Format:	AT [cmds] \Gn [cmds]
Description:	Selects modem port flow control
Command	Function
\G0	Flow control disabled
\G1	Flow control enabled

FLOW CONTROL TYPE	
Type:	Configuration
Format:	AT [cmds] \Qn [cmds]
Description:	Sets type of flow control used by modem
Command	Function
\Q0	Flow control disabled
\Q1	XON/XOFF, bi-directional RTS/CTS flow control enabled
\Q2	Unidirectional CTS flow control enabled
\Q3	Bi-directional RTS/CTS flow control enabled
\Q4	Unidirectional XON/XOFF flow control by DCE enabled

INACTIVITY TIMER	
Type:	Configuration
Format:	AT [cmds] \Tn [cmds]
Default:	0
Range:	0-90
Unit:	1 minute
Description:	Sets the length of time that the modem does not receive information before it disconnects.
Note:	AT\T0 will disable timer.

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REPORT INFORMATION	
Type:	Immediate
Format:	AT [cmds] In [cmds]
Description:	Displays information requested
Command	Function
I0	Reports product code
I1	Reports ROM checksum
I2	Tests and reports ROM checksum
I3	Reports firmware revision
I4	Reports current configuration

XON/XOFF PASS-THROUGH	
Type:	Configuration
Format:	AT [cmds] \Xn [cmds]
Description:	Selects whether XON/XOFF signals are sent to remote modem
Command	Function
\X0	XON/XOFF signals trapped by local modem
\X1	XON/XOFF passed through local modem