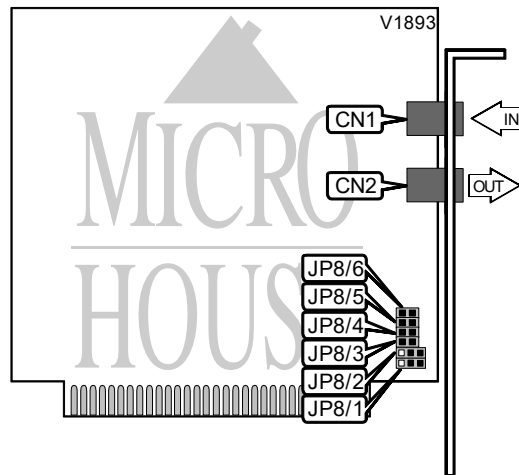


CREATIX POLYMEDIA

CIRRUS LOGIC 14.4/VOICE (REV.1)

Card Type	Modem (asynchronous)
Chip Set	Cirrus Logic
I/O Options	Voice
Maximum Data Rate	14.4Kbps
Maximum Fax Rate	14.4Kbps
Data Bus	8-bit ISA
Fax Class	Class I
Data Modulation Protocol	Bell 103A/212A
Fax Modulation Protocol	ITU-T V.21, V.22, V.22bis, V.32, V.32bis
Error	ITU-T V.17, V.21CH2, V.27ter, V.29
Correction/Compression	MNP5, V.42, V.42bis



CONNECTIONS			
Function	Label	Function	Label
Line in	CN1	Line out	CN2

SERIAL PORT ADDRESS		
Setting	JP8/1	JP8/2
COM1 (3F8h)	Pins 1 & 2 closed	Pins 1 & 2 closed
COM2 (2F8h)	Pins 2 & 3 closed	Pins 1 & 2 closed
COM3 (3E8h)	Pins 1 & 2 closed	Pins 2 & 3 closed
i COM4 (2E8h)	Pins 2 & 3 closed	Pins 2 & 3 closed

INTERRUPT				
Setting	JP8/3	JP8/4	JP8/5	JP8/6
2	Closed	Open	Open	Open
i 3	Open	Closed	Open	Open
4	Open	Open	Closed	Open
5	Open	Open	Open	Closed

Continued on next page . . .

Proprietary AT Command Set

ACCEPT RELIABLE MODE	
Type:	Immediate
Format:	AT [cmds] \U [cmds]
Description:	Accepts remote modem's request for a reliable mode connection

AUTO FALL FORWARD/FALLBACK	
Type:	Configuration
Format:	AT [cmds] %Gn [cmds]
Description:	Selects auto fall forward/fallback
Command	Function
%G1	Auto fall forward/fallback disabled
í %G0	Auto fall forward/fallback enabled

AUTO-RELIABLE FALLBACK CHARACTER	
Type:	Configuration
Format:	AT [cmds] %An [cmds]
Default:	Unidentified
Range:	0-127
Unit:	ASCII
Description:	Sets the character used as the auto-reliable fallback character. %A0 will disable this function.

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
í \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	
Type:	Configuration
Format:	AT [cmds] %En [cmds]
Description:	Selects auto-retrain mode
Command	Function
%E0	Auto-retrain disabled
í %E1	Auto-retrain enabled

CREATIX POLYMEDIA

CIRRUS LOGIC 14.4/VOICE (REV.1)

. . . continued from previous page

BIT MAPPED REGISTERS	
Register	Default
S14	Unidentified
S16	Unidentified
S21	Unidentified
S22	Unidentified
S23	Unidentified
S27	Unidentified

BREAK SEND	
Type:	Configuration
Format:	AT [cmds] \Bn [cmds]
Default:	3
Range:	0-9
Unit:	.1 second
Description:	Sends break to modem

BREAK TYPE	
Type:	Configuration
Format:	AT [cmds] \Kn [cmds]
Default:	5
Range:	0-5
Unit:	Unidentified
Description:	Configures action of break signal

CALLING TONE	
Type:	Configuration
Format:	AT [cmds] -Cn [cmds]
Description:	Controls whether the DTE will allow the modem to send a 1300Hz calling tone when originating
Command	Function
í -C0	Disable calling tone
-C1	Enable calling tone

COMPRESSION	
Type:	Configuration
Format:	AT [cmds] %Cn [cmds]
Description:	Selects MNP5 data compression
Command	Function
%C0	Data compression disabled
í %C1	Data compression enabled

Continued on next page . . .

CREATIX POLYMEDIA

CIRRUS LOGIC 14.4/VOICE (REV.1)

. . . continued from previous page

CONNECT MODE	
Type:	Configuration
Format:	AT [cmds] \Nn [cmds]
Description:	Sets connect mode
Command	Function
\N0	Normal mode enabled
\N1	Direct mode enabled
\N2	MNP mode only enabled
í \N3	LAP-M/MNP/Normal automode enabled
\N4	LAP-M mode only enabled

EXTENDED RESULT CODES	
Type:	Configuration
Format:	AT [cmds] \Vn [cmds]
Description:	Selects extended result codes
Command	Function
\V0	Extended result codes disabled
\V1	Reliable result codes enabled
í \V2	Error control and compression result codes enabled

FLOW CONTROL	
Type:	Configuration
Format:	AT [cmds] \Gn [cmds]
Description:	Selects modem port flow control
Command	Function
í \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 flow control enabled
\Q2	CTS flow control to DTE enabled
í \Q3	RTS/CTS flow control enabled

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

Continued on next page . . .

CREATIX POLYMEDIA

CIRRUS LOGIC 14.4/VOICE (REV.1)

. . . continued from previous page

INACTIVITY TIMER	
Type:	Register
Format:	AT [cmds] S90= <i>n</i> [cmds]
Default:	0
Range:	0-255
Unit:	1 second
Description:	Sets the length of time that the modem does not receive information before it disconnects. S90=0 will disable.

INITIATE RELIABLE MODE	
Type:	Immediate
Format:	AT [cmds] \O [cmds]
Description:	During normal mode the modem initiates a reliable mode connection

LOCK SERIAL PORT	
Type:	Configuration
Format:	AT [cmds] \J <i>n</i> [cmds]
Description:	Sets operation of serial port speed
Command	Function
f \J0	Serial speed locked
\J1	Serial speed follows connect speed

MAXIMUM BLOCK SIZE FOR TRANSMISSION	
Type:	Configuration
Format:	AT [cmds] \A <i>n</i> [cmds]
Description:	Sets the maximum transmittable block size
Command	Function
\A0	MNP block size is 64 characters
\A1	MNP block size is 128 characters
\A2	MNP block size is 192 characters
f \A3	MNP block size is 256 characters

RETURN TO NORMAL MODE	
Type:	Immediate
Format:	AT [cmds] \Z [cmds]
Description:	End reliable mode connection the modem switches to normal mode

SWITCH TO RELIABLE MODE	
Type:	Immediate
Format:	AT [cmds] \Y [cmds]
Description:	During normal mode the modem switches to a reliable mode connection

Continued on next page . . .

CREATIX POLYMEDIA

CIRRUS LOGIC 14.4/VOICE (REV.1)

. . . continued from previous page

V.42 DETECTION PHASE	
Type:	Configuration
Format:	AT [cmds] -Jn [cmds]
Description:	Controls V.42 detection
Command	Function
-J0	V.42 detection disabled
í -J1	V.42 detection enabled

V.42bis COMPRESSION CONTROL	
Type:	Configuration
Format:	AT [cmds] "Hn [cmds]
Description:	Controls V.42bis data compression
Command	Function
"H0	V.42bis disabled
"H1	V.42bis when transmitting enabled
"H2	V.42bis when receiving enabled
í "H3	V.42bis when transmitting/receiving enabled

V.42bis MAXIMUM STRING LENGTH	
Type:	Immediate
Format:	AT [cmds] "Closed [cmds]
Default:	16
Range:	6-250
Unit:	1 Character
Description:	Selects string size for V.42bis compression

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