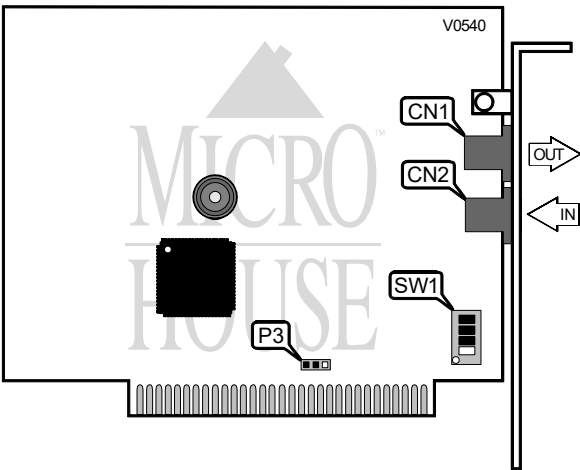


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Modem Type	Data (Asynchronous/Synchronous)/Fax
Maximum Data Rate	14.4K bps
Maximum Fax Rate	14.4K bps
Data Bus	8-bit ISA
Fax Class	Class II
Data Modulation Protocols	Bell 103 & 212A
	ITU-T V32 & V32 bis & V.22 & V.22bis & V.21
Fax Modulation Protocol	ITU-T V.29 & V.27 GRP III
Error Correction/Compression	ITU-T V.42, & V.42bis,MNP 2-5



CONNECTIONS			
Purpose	Location	Purpose	Location
Line out	CN1	Line in	CN2

COM PORT & IRQ SETTINGS				
COM	SW1/1	SW1/2	SW1/3	SW1/4
COM2/IRQ3	Off	On	Off	On
COM1/IRQ4	On	On	On	Off
COM3/IRQ4	On	Off	On	Off
COM4/IRQ3	Off	Off	Off	On

INTERRUPT SELECT	
Setting	P3
IRQ Set by SW1 switches	All open
IRQ2	Pins 2 & 3 closed
IRQ5	Pins 1 & 2 closed

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PROPRIETARY RESULT CODES		
Result code	Message	Description
9	CONNECT 600	Connect at 600bps
12	CONNECT 9600	Connect at 9600bps
13	CONNECT 7200	Connect at 7200bps
15	CONNECT 14,400	Connect at 14,400bps
16	CONNECT 19,200	Connect at 19,200bps
17	CONNECT 38,400	Connect at 38,400bps
19	CONNECT 115,200	Connect at 115,200bps
51	CARRIER 12,200	Carrier at 12,200bps

I3 - PROPRIETARY PROTOCOLS	
Type:	CONFIGURATION
Format:	AT I3
Example:	AT I3<CR>
Description:	Retrieves the software version data.

W - PROPRIETARY PROTOCOLS	
Type:	
Format:	AT [cmds]
Example:	AT <CR>
Description:	

W - PROPRIETARY PROTOCOLS	
Type:	INFORMATIONAL
Command	Protocol
IW0	Protocol negotiation status not reported.
W1	Protocol negotiation status reported.
W2	Protocol negotiation status not reported; response is DCE

&M - PROPRIETARY PROTOCOLS	
Type:	ASYNCHRONOUS MODE
Format:	AT &M0
Example:	AT &M0<CR>
Description:	Set mode to Asynchronous, identical to &Q0.

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&Q - PROPRIETARY PROTOCOLS	
Note:	INFORMATIONAL
Command	Protocol
&Q1	Reserved.
&Q2	Reserved.
&Q3	Reserved.
&Q4	Forces modem to issue OK result code; no changes to operation.
&Q7	Reserved.

&T2 - PROPRIETARY PROTOCOLS	
Type:	LOOPBACK TEST
Format:	AT &T2
Example:	AT &T2<CR>
Description:	Reserved.

\A - PROPRIETARY PROTOCOLS	
Note:	ERROR CORRECTION & DATA COMPRESSION
Command	Protocol
\A0	Sets MNP block size to 64 char.
\A1	Sets MNP block size to 128 char.
\A2	Sets MNP block size to 192 char.
\A3	Sets MNP block size to 256 char.

\Bn - PROPRIETARY PROTOCOLS	
Note:	ERROR CORRECTION & DATA COMPRESSION
Command	Protocol
\Bn	Sends n * 100 ms break to the remote, def 300

\G - PROPRIETARY PROTOCOLS	
Note:	ERROR CORRECTION & DATA COMPRESSION
Command	Protocol
\G0	Disables XON/XOFF flow control.
\G1	Enables XON/XOFF flow control.

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\K - PROPRIETARY PROTOCOLS	
Note:	ERROR CORRECTION & DATA COMPRESSION
Command	Protocol
\K0	Break from port; sets to Command mode; no break sent to remote modem. Breaks from command mode; Clears buffers, sends break. Breaks from remote; clears buffers; sends break.
\K1	Breaks from port; clears buffers, sends break. Breaks command; clear buffers; sends break. Break from remote; clears buffers passes break on to port.
\K2	Breaks from port; sets to command mode; no break sent.
\K3	Breaks from port; sends break. Breaks command; sends break. breaks remote and passes break on to port.
\K4	Breaks from port; Sets to command mode; no break sent. Breaks command; sends break with sequence of data. Breaks remote; passes break on to port.
\K5	Breaks from port; Sends break with sequence of data. Breaks command; sends break with sequence of data. Breaks from remote; passes break on to port.

\I - PROPRIETARY PROTOCOLS	
Note:	ERROR CORRECTION & DATA COMPRESSION
Command	Protocol
\I0	Sets stream MNP mode.
\I1	Sets block MNP mode.

\N - PROPRIETARY PROTOCOLS	
Note:	ERROR CORRECTION & DATA COMPRESSION
Command	Protocol
\N0	Sets mode normal.
\N1	Sets mode direct.
\N2	Sets mode reliable.
\N3	Sets mode auto reliable.

\O - PROPRIETARY PROTOCOLS	
Note:	ERROR CORRECTION & DATA COMPRESSION
Command	Protocol
\O	Tries to negotiate a reliable connection. Will only be successful if connection exists. Note: has to be last command in the line.

\Tn - PROPRIETARY PROTOCOLS	
Note:	ERROR CORRECTION & DATA COMPRESSION
Command	Protocol
\Tn	Programs inactivity timer; n= 0 to 42, def 0.

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IU - PROPRIETARY PROTOCOLS	
Note:	ERROR CORRECTION & DATA COMPRESSION
Command	Protocol
IU	12 second wait for request from remote to negotiate link. Will only be successful if connection exists. Note: has to be last command in the line.

IY - PROPRIETARY PROTOCOLS	
Note:	ERROR CORRECTION & DATA COMPRESSION
Command	Protocol
IY	Transmits link request (originate mode)/ accepts request (answer mode). Will only be successful if connection exists. Note: has to be last command in the line.

IZ - PROPRIETARY PROTOCOLS	
Note:	ERROR CORRECTION & DATA COMPRESSION
Command	Protocol
IZ	Changes from reliable mode to normal mode & clears buffers.

%C - PROPRIETARY PROTOCOLS	
Note:	ERROR CORRECTION & DATA COMPRESSION
Command	Protocol
%C0	Disables data compression (MNP)
%C1	Enables data compression (MNP)

%Dn - PROPRIETARY PROTOCOLS	
Note:	ERROR CORRECTION & DATA COMPRESSION
Command	Protocol
%D2	Sets dictionary size to 2048 (BLTZ.)
%D0	Sets dictionary size to 512 (BLTZ).
%D1	Sets dictionary size to 1024 (BLTZ).
%D3	Sets dictionary size to 4096 single direction 2048 bi-directional (BLTZ).

%En - PROPRIETARY PROTOCOLS	
Note:	ERROR CORRECTION & DATA COMPRESSION
Command	Protocol
%E0	Disable auto retrain.
%E1	Enable auto retrain.

%L - PROPRIETARY PROTOCOLS	
Note:	ERROR CORRECTION & DATA COMPRESSION
Command	Protocol
%L	Echoes the received signal (Same strength) range -9dBm to -43dBm.

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%Mn - PROPRIETARY PROTOCOLS	
Type:	ERROR CORRECTION & DATA COMPRESSION
Command	Protocol
i%M0	Disables BLTZ compression mode.
%M1	Enables BLTZ transmit only compression mode.
%M2	Enables BLTZ receive only compression mode.
%M3	Enables BLTZ bi-directional compression mode.

%P - PROPRIETARY PROTOCOLS	
Type:	ERROR CORRECTION & DATA COMPRESSION
Command	Protocol
i%P	Resets BLTZ dictionary (local) and transmits command to reset remote.

%Q - PROPRIETARY PROTOCOLS	
Type:	ERROR CORRECTION & DATA COMPRESSION
Command	Protocol
i%Q	Returns the value of the EQM high order byte.

%Sn - PROPRIETARY PROTOCOLS	
Type:	ERROR CORRECTION & DATA COMPRESSION
Command	Protocol
i%Sn	Sets BLTZ max number of characters compressed into single BLTZ word. Range 2 to 250, def 32

PROPRIETARY COMMAND SET		
Type:	Configuration	
Format:	ATS(register)=(Command Value)	
Example:	ATS36=5	
Description:	Writes to or reads from a specified register.	
Register	Command Value	Function
S36	3	Negotiation failure - direct connect.
S36	4	Negotiation failure - normal connect.
S36	5	MNP attempt - direct connect if failure.
S36	7	MNP attempt - normal connect if failure.

PROPRIETARY COMMAND SET		
Type:	Configuration	
Format:	ATS(register)=(Command Value)	
Example:	ATS37=10	
Description:	Writes to or reads from a specified register.	
Register	Command Value	Function
S37	10	Attempt to negotiate line speed 12,200
S37	12	Attempt to negotiate line speed 7200

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PROPRIETARY COMMAND SET		
Type:	Configuration	
Format:	ATS(register)=(Command Value)	
Example:	ATS46=138	
Description:	Writes to or reads from a specified register.	
Register	Command Value	Function
S46	138	Enable error compression & compression.
S46	136	Enable error compression & no compression

PROPRIETARY COMMAND SET		
Type:	Configuration	
Format:	ATS(register)=(Command Value)	
Example:	ATS82=128	
Description:	Writes to or reads from a specified register.	
Register	Command Value	Function
S82	128	Transmit break in data sequence.
S82	3	Transmit break immediately; save data integrity.
S82	7	Transmit break immediately; data integrity lost.