ACER, INC.
MAGIC F34

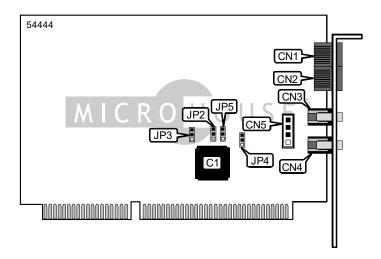|	
Card Type	Modem/Fax card
Chip Set	Unidentified
Maximum Modem Rate	33.6Kbps
Maximum Fax Rate	14.4Kbps
Data Modulation Protocol	Bell 103/212A
	ITU-T V.22, V.22bis, V.23, V.32, V.32bis, V.34
Fax Modulation Protocol	ITU-T V.17, V.33, V.29, V.27ter, V.21CH2
Error Correction/Compression	MNP5, V.42, V.42bis
Fax Class	Class I & II
Data Bus	16-bit ISA
Card Size	Half length, full-height card

CONNECTIONS			
Function	**Label**	**Function**	**Label**
Telephone line out	CN1	Microphone	CN4
Telephone line in	CN2	Audio card connector	CN5
Line out	CN3		

SERIAL PORT ADDRESS				
Setting	**JP2**	**JP3**	**JP4**	**JP5**
COM1	1 & 2	2 & 3	2 & 3	2 & 3
COM2	2 & 3	1 & 2	2 & 3	1 & 2
í Plug and Play enabled	1 & 2	Unidentified	1 & 2	1 & 2
Note: Pins designated should be in the closed position. To use the plug and play option, the optional chip C1 must be installed.				

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SUPPORTED COMMAND SET
Basic AT Commands
AT, '+++', A/
A, B, C, E, H, M, O, P, Q, T, V, W, X, Y, Z
&C, &F, &M, &P, &Q, &T, &V, &W, &Y, &Z
Extended AT Commands
\A, \B, \K, \N, \V,
%C, %E, %L, %Q, %TT
S Registers
S0, S1, S2, S3, S4, S5, S6, S7, S8, S9, S10, S11, S12, S14, S16, S18, S19, S20, S21, S22, S23,
S24, S25, S26, S29, S30, S31, S32, S33, S36, S37, S38, S39, S40, S41, S46, S48, S82, S86, S91,
S92, S95
Special Commands
#CID, +MS?, +MS, #BDR, #CLS, #MDL?, #MFR?, #REV?, #TL, #VBQ, #VBS, #VBT, #VCI?, #VLS,
#VRA, #VRN, #VRX, #VSD, #VSK, #VSP, #VSR, #VSS, #VTD, #VTM, #VTS, #VTX
Note: See MHI Help File for full command documentation.

Proprietary AT Command Set

AUTO-MODE DETECTION	
Type:	Configuration
Format:	AT [cmds] N*n* [cmds]
Description:	Selects various options for the automatic detection and negotiation of protocols during the handshake process if the modem is communicating with a remote modem of dissimilar speed.

Command	Function
N0	Auto-mode detection disabled
N1	Auto-mode detection enabled

BLACKLISTED NUMBERS	
Type:	Immediate
Format:	AT [cmds] *B [cmds]
Description:	Sends the list of 'blacklisted' numbers to the DTE. If no numbers are blacklisted, the OK result code is sent

DATA SET READY (DSR)	
Type:	Configuration
Format:	AT [cmds] &S*n* [cmds]
Description:	Selects DSR options

Command	Function
&S0	DSR forced high
&S1	DSR high only while modem is handshaking or connected

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DATA TERMINAL READY (DTR)				
Type:	Configuration			
Format:	AT [cmds] &D*n* [cmds]			
Description:	Selects modem response to DTR			
Note: **The action each variant of &D causes depends on the setting of &Q**				
&Q Setting	&D0	&D1	&D2	&D3
&Q0, &Q5, &Q6	Command 0	Command 1	Command 2	Command 3
&Q1, &Q4	Command 4	Command 1	Command 2	Command 3
&Q2, &Q3	Command 2	Command 2	Command 2	Command 2
Command	**Function**			
Command 0	Modem does not respond to DTR			
Command 1	Modem goes to command mode after DTR goes off			
Command 2	Modem goes to command mode and disconnects (hangs up) after DTR goes off; Auto-Answer is disabled.			
Command 3	Modem is initialized after DTR goes off			
Command 4	Modem goes to command mode and disconnects (hangs up) after DTR goes off.			

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.
Command	**Function**
0-9	Dialing digits
A, B, C, D, *, #	Tone dial characters
P	Pulse dial
R	Reverse originate mode
S=n	Dial NVRAM telephone number
T	Tone dial
W	Wait for dial tone
,	Pause
!	Flash hook, modem goes on hook for .75 seconds
@	Wait for quiet answer
^	Disable data calling tone for a single call origination
;	Modem returned to idle state after dialing. The semicolon can only be placed at the end of the dial command
-( ) space	Ignored by modem. The modem ignores these characters, but they can be included in the dial string for separation purposes

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FLOW CONTROL	
Type:	Configuration
Format:	AT [cmds] &K*n* [cmds]
Description:	Enables flow control options

Command	Function
&K0	Flow control disabled
&K3	RTS/CTS flow control enabled
&K4	XON/XOFF flow control enabled
&K5	Transparent XON/XOFF flow control enabled
&K6	Unidirectional XON/XOFF flow control enabled

GUARD TONE	
Type:	Configuration
Format:	AT [cmds] &G*n* [cmds]
Description:	Commands the modem to transmit a guard tone in V.22/V.22bis
Note: **Used primarily for international data transmission**	

Command	Function
&G0	Guard tone disabled
&G1	Guard tone disabled
&G2	1800Hz guard tone enabled

REPORT INFORMATION	
Type:	Immediate
Format:	AT [cmds] I*n* [cmds]
Description:	Displays information requested

Command	Function
I0	Reports product code
I1	Calculates and verifies the ROM checksum
I2	Calculates and compares the ROM checksum with the pre-stored checksum
I3	Reports the firmware version, basic model, application code, and interface type code
I4	Reports OEM defined identifier string in either Hayes-compatible binary format or ASCII format
I5	Reports country code
I6	Reports modem data pump model and internal code revision

SPEAKER VOLUME	
Type:	Configuration
Format:	AT [cmds] L*n* [cmds]
Description:	Controls speaker volume

Command	Function
L0	Low speaker volume
L1	Low volume setting
L2	Medium volume setting
L3	Highest volume setting