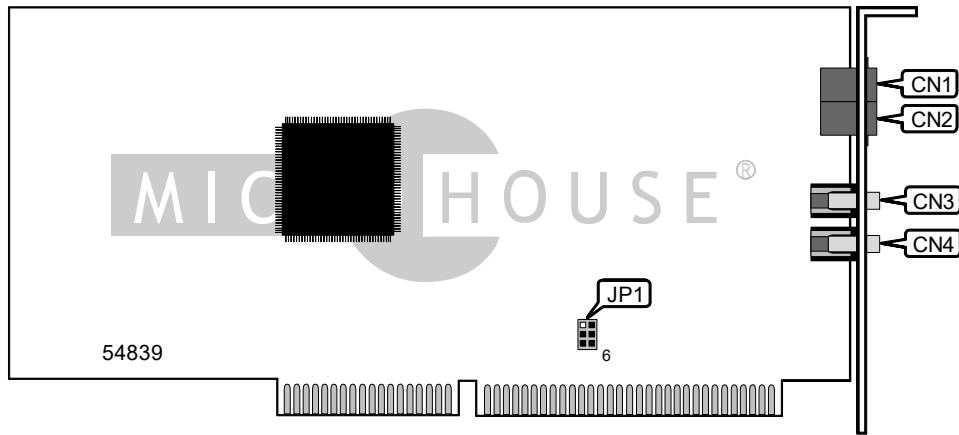


ZOLTRIX, INC. FM-VSP56I

Card Type	Modem, Fax
Chip Set	Rockwell
I/O Options	Speaker out, microphone in
Maximum Modem Rate	56Kbps
Maximum Fax Rate	14.4Kbps
Data Modulation Protocol	Bell 103A/212A
	ITU-T V.21, V.22, V.22bis, V.32, V.32bis, V.34, K56Flex
Fax Modulation Protocol	ITU-T V.17, V.27ter, V.29
Error Correction/Compression	MNP5, MNP10, V.42, V.42bis
Fax Class	Class I
Data Bus	16-bit ISA
Card Size	Half-length, half-height card



CONNECTIONS			
Function	Label	Function	Label
Line in	CN1	Microphone in	CN3
Line out	CN2	Speaker out	CN4

SERIAL PORT ADDRESS	
Setting	JP1
COM1 (3F8h)	Pins 1 & 3, 2 & 4 closed
COM2 (2F8h)	Pins 3 & 5, 2 & 4 closed
COM3 (3E8h)	Pins 1 & 3, 4 & 6 closed
COM4 (2E8h)	Pins 3 & 5, 4 & 6 closed

Continued on next page...

SUPPORTED COMMAND SET	
Basic AT Commands	
AT, A/	
A, B, C, D, E, H, I, L, M, N, O, P, Q, T, V, W, X, Y, Z	
&C, &D, &F, &G, &J, &K, &L, &M, &P, &R, &S, &T, &W, &X, &Y, &Z	
Extended AT Commands	
\A, \B, \G, \K, \N, \V	
%C, %E, %L, %Q	
S Registers	
S0, S1, S2, S3, S4, S5, S6, S7, S8, S9, S10, S11, S12, S14, S16, S18, S21, S22, S23, S24, S25, S26, S27, S28, S29, S30, S31, S32, S33, S37, S38, S39, S40, S41, S46, S82, S86, S91, S95	
Special Commands	
+MS	
Note: See MHI Help File for full command documentation.	

Proprietary AT Command Set

COMMUNICATIONS MODE	
Type:	Configuration
Format:	AT [cmds] &Qn [cmds]
Description:	Selects communications mode options
Command	Mode
&Q0	Asynchronous mode, serial port speed follows connect speed.
i &Q5	Error correction mode
&Q6	Buffered asynchronous mode

CONFIGURATION PROFILES	
Type:	Immediate
Format:	AT [cmds] &V [cmds]
Description:	Displays active and stored configuration profiles
Command	Function
&V1	Displays statistics of previous connection

S(Status) - Registers

AUTOSYNC HDLC ADDRESS SETTINGS	
Type:	Register
Format	AT [cmds] S20=n [cmds]
Description:	Controls the AutoSync HDLC address settings

BIT-MAPPED AUTOSYNC OPTIONS	
Type:	Register
Format	AT [cmds] S19=n [cmds]
Description:	Controls the AutoSync configuration options

ERROR CORRECTION NEGOTIATION	
Type:	Register
Format:	AT [cmds] S36= <i>n</i> [cmds]
Description:	Selects the action of the modem if it fails to connect with the error-correction protocol set in &Q.
Command	Function
S36=0	Hang up
S36=1	Attempt a direct connection
S36=2	Not used
S36=3	Attempt a buffered connection
S36=4	Attempt a connection at MNP2-4; if that fails, hang up.
S36=5	Attempt a connection at MNP2-4; if that fails, attempt a direct connection.
S36=6	Attempt a connection at MNP2-4; if that fails, hang up.
í S36=7	Attempt a connection at MNP2-4; if that fails, attempt a buffered connection.

FEATURE NEGOTIATION OPTIONS	
Type:	Register
Format:	AT [cmds] S48= <i>n</i> [cmds]
Description:	Selects active error correction and compression protocols
Command	Function
S48=0	Detection negotiation disabled, XID negotiation disabled
í S48=7	Detection negotiation and XID negotiation enabled
S48=128	Fall-back to options set in S36