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V.34SVS

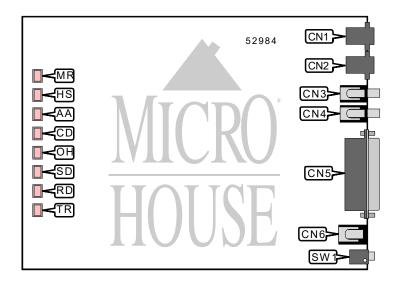|	
Card Type	Modem (synchronous/asynchronous)
Chip Set	Unidentified
I/O Options	SVD, speaker out, microphone in
Maximum Data Rate	33.6Kbps
Maximum Fax Rate	14.4Kbps
Data Bus	Serial
Fax Class	Class I & II
Data Modulation Protocol	Bell 103A/212A
	ITU-T V.21, V.22, V.22bis, V.23, V.32, V.32bis, V.34
	Rockwell V.FC
Fax Modulation Protocol	ITU-T V.17, V.21CH2, V.27ter, V.29
Error Correction/Compression	MNP5, V.42, V.42bis

CONNECTIONS			
Function	**Label**	**Function**	**Label**
Line out	CN1	RS-232/422	CN5
Line in	CN2	DC power	CN6
Speaker out	CN3	Power switch	SW1
Microphone in	CN4		

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LED	Color	Status	Condition
MR	Red	On	Power is on
MR	Red	Blinking	Modem is in test mode
MR	Red	Off	Power is off
HS	Red	On	Modem is operating at 4800bps or faster
HS	Red	Off	Modem is operating at slower than 4800bps
AA	Red	On	Auto-answer enabled
AA	Red	Off	Auto-answer disabled
AA	Red	Blinking	Phone is ringing
CD	Red	On	Carrier signal detected
CD	Red	Off	Carrier signal not detected
OH	Red	On	Modem is off-hook
OH	Red	Off	Modem is on-hook
SD	Red	On	Modem is transmitting data
SD	Red	Off	Modem is not transmitting data
RD	Red	On	Modem is receiving data
RD	Red	Off	Modem is not receiving data
TR	Red	On	DTR signal is high
TR	Red	Off	DTR signal is low

DIAGNOSTIC LED(S)

SUPPORTED STANDARD COMMANDS
Basic AT Commands
+++, 'comma', A/
A, B, D, E, H, L, M, N, O, P, Q, T, V, W, X, Y, Z
&C, &D, &F, &G, &K, &M, &P, &Q, &R, &S, &T, &V, &W, &X, &Y, &Z
Extended AT Commands
\A, \B, \G, \K, \L, \N, \W
%C, %F, %L, %Q, %T
Special AT Commands
#CID, :E, *H, -K,)M, @M, +MS, -Q
S-Registers
S0, S1, S2, S3, S4, S5, S6, S7, S8, S9, S10, S12, S14, S16, S18, S21, S22, S23, S24, S25, S27, S29
S30, S31, S32, S33, S36, S38, S39, S40, S46, S48, S86, S91, S92, S95, S201
Note: See MHI documentation for complete information.

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Proprietary AT Command Set

SIMULTANEOUS VOICE MODE	
Type:	Immediate
Format:	AT [cmds] -SMS=*x,y,z,a* [cmds]
Description:	Selects which simultaneous voice mode the modem will operate in.
Command	**Function**
x=0	Simultaneous voice mode disabled.
x=2	SVD mode enabled.
x=3	Auto-detect correct mode.
y, z=300	Set minimum or maximum total speed at 300bps, respectively.
y, z=1200	Set minimum or maximum total speed at 1200bps, respectively.
y, z=2400	Set minimum or maximum total speed at 2400bps, respectively.
y, z=4800	Set minimum or maximum total speed at 4800bps, respectively.
y, z=7200	Set minimum or maximum total speed at 7200bps, respectively.
y, z=9600	Set minimum or maximum total speed at 9600bps, respectively.
y, z=12000	Set minimum or maximum total speed at 12Kbps, respectively.
y, z=14400	Set minimum or maximum total speed at 14.4Kbps, respectively.
y, z=16800	Set minimum or maximum total speed at 16.8Kbps, respectively.
y, z=19200	Set minimum or maximum total speed at 19.2Kbps, respectively.
y, z=21600	Set minimum or maximum total speed at 21.6Kbps, respectively.
y, z=24000	Set minimum or maximum total speed at 24Kbps, respectively.
y, z=26400	Set minimum or maximum total speed at 26.4Kbps, respectively.
y, z=28800	Set minimum or maximum total speed at 28.8Kbps, respectively.
z=0	Auto-detect correct ML288 baud rate.
z=1	Set ML288 symbol rate to 2400 bits/baud.
z=2	Set ML288 symbol rate to 2743 bits/baud.
z=3	Set ML288 symbol rate to 2800 bits/baud.
z=4	Set ML288 symbol rate to 3000 bits/baud.
z=5	Set ML288 symbol rate to 3200 bits/baud.
z=6	Set ML288 symbol rate to 3429 bits/baud.

SVD DATA BURST	
Type:	Configuration
Format:	AT [cmds] -SMC=*n* [cmds]
Description:	Configures the SVD data burst mode.
Command	**Function**
-SMC=0	SVD data burst disabled.
í -SMC=1	SVD data burst enabled.

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SVD MODULATION	
Type:	Configuration
Format:	AT [cmds] -SQS=*m,n* [cmds]
Description:	Selects the modulation type used by SVD mode.
Command	**Function**
x=0	Select V.61 modulation.
x=1	Select ML144 modulation.
x=2	Select ML288 modulation.
y=0	Auto-detect modulation mode disabled.
y=1	Auto-detect modulation mode enabled.

VOICE DEVICE	
Type:	Configuration
Format:	AT [cmds] #VLS=*n* [cmds]
Description:	Selects the I/O device for the DSP chip.
Command	**Function**
í #VLS=0	Telephone line and handset used for voice I/O.
#VLS=1	Telephone handset used for voice I/O.
#VLS=2	Internal speaker only used for voice I/O.
#VLS=3	External microphone only used for voice I/O.
#VLS=4	Telephone line and handset used for voice I/O; internal speaker enabled.
#VLS=5	Headset used for voice I/O.
#VLS=6	Speakerphone used for voice I/O.