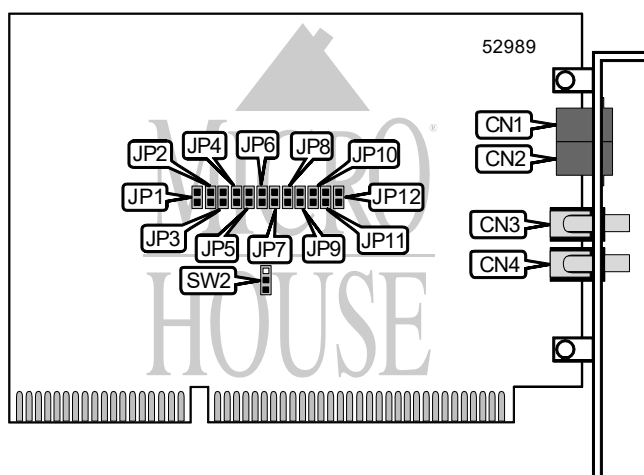


SIMA TECHNOLOGY CO., LTD.

V.34PVD

Card Type	Modem (synchronous/asynchronous)
Chip Set	Unidentified
I/O Options	DSVD, microphone in, speaker out
Maximum Data Rate	33.6Kbps
Maximum Fax Rate	14.4Kbps
Data Bus	16-bit ISA
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	Microphone in	CN3
Line in	CN2	Speaker out	CN4

PLUG-N-PLAY SELECTION		
Setting	JP12	SW2
Enabled	Closed	Pins 1 & 2 closed
Disabled	Open	Pins 2 & 3 closed

SERIAL PORT ADDRESS SELECTION		
Setting	JP1	JP2
3F8h (COM1:)	Closed	Closed
2F8h (COM2:)	Closed	Open
3E8h (COM3:)	Open	Closed
2E8h (COM4:)	Open	Open

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INTERRUPT SELECTION									
Setting	JP3	JP4	JP5	JP6	JP7	JP8	JP9	JP10	JP11
i IRQ3	Closed	Open	Open	Open	Open	Open	Open	Open	Open
IRQ4	Open	Closed	Open	Open	Open	Open	Open	Open	Open
IRQ5	Open	Open	Closed	Open	Open	Open	Open	Open	Open
IRQ7	Open	Open	Open	Closed	Open	Open	Open	Open	Open
IRQ9	Open	Open	Open	Open	Closed	Open	Open	Open	Open
IRQ10	Open	Open	Open	Open	Open	Closed	Open	Open	Open
IRQ11	Open	Open	Open	Open	Open	Open	Closed	Open	Open
IRQ12	Open	Open	Open	Open	Open	Open	Open	Closed	Open
IRQ15	Open	Open	Open	Open	Open	Open	Open	Open	Closed

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.	

Proprietary AT Command Set

DSVD MODE	
Type:	Configuration
Format:	AT [cmds] -SSE= <i>n</i> [cmds]
Description:	Select whether the modem will use DSVD mode.
Command	Function
i -SSE=0	DSVD mode disabled.
-SSE=1	DSVD mode enabled.

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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=1	DSVD mode enabled.
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= <i>m,n</i> [cmds]
Description:	Selects the modulation type used by SVD mode.
Command	Function
<i>x</i> =0	Select V.61 modulation.
<i>x</i> =1	Select ML144 modulation.
<i>x</i> =2	Select ML288 modulation.
<i>y</i> =0	Auto-detect modulation mode disabled.
<i>y</i> =1	Auto-detect modulation mode enabled.

VOICE DEVICE	
Type:	Configuration
Format:	AT [cmds] #VLS= <i>n</i> [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.

See SIMA TECHNOLOGY CO., LTD. V.34SV for a full command summary.