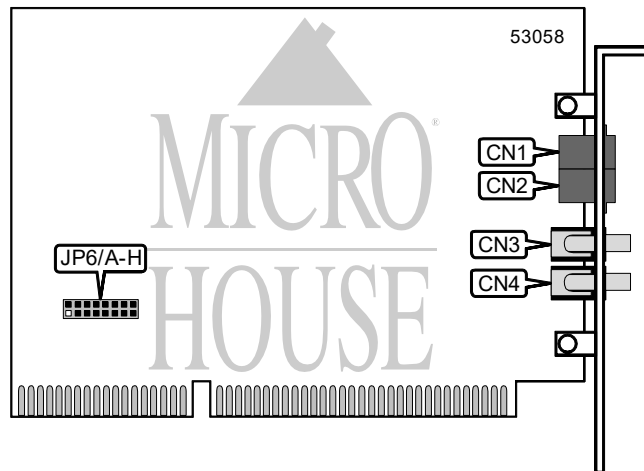


# WISECOM, INC.

## WS-2814JS6 (INTERNAL)

<b>Card Type</b>	Modem (synchronous/asynchronous)
<b>Chipset</b>	Sierra
<b>I/O Options</b>	Voice, microphone in, speaker out
<b>Maximum Data Rate</b>	28.8Kbps
<b>Maximum Fax Rate</b>	14.4Kbps
<b>Data Bus</b>	8/16-bit ISA
<b>Fax Class</b>	Class I & II
<b>Data Modulation</b>	Bell 103A/212A
	ITU-T V.21, V.22, V.22bis, V.32, V.32bis, V.34
<b>Fax Modulation</b>	ITU-T V.17, V.21CH2, V.27ter, V.29
<b>Error</b>	MNP5, V.42, V.42bis
<b>Correction/Compression</b>	



CONNECTIONS			
Function	Label	Function	Label
Telephone line in	CN1	Speaker out	CN3
Telephone line out	CN2	Microphone in	CN4

INTERRUPT SELECTION						
Setting	JP6/A	JP6/B	JP6/C	JP6/D	JP6/E	JP6/F
í IRQ3	Open	Open	Open	Open	Open	Closed
IRQ4	Open	Open	Open	Open	Closed	Open
IRQ5	Open	Open	Open	Closed	Open	Open
IRQ10	Open	Open	Closed	Open	Open	Open
IRQ11	Open	Closed	Open	Open	Open	Open
IRQ12	Closed	Open	Open	Open	Open	Open

SERIAL PORT ADDRESS SELECTION		
Setting	JP6/G	JP6/H
3F8h (COM1:)	Open	Open
2F8h (COM2:)	Open	Closed
3E8h (COM3:)	Closed	Open
í 2E8h (COM4:)	Closed	Closed

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SUPPORTED STANDARD COMMANDS	
Basic AT Commands	
+++ , 'comma' , A/	
A, B, D, E, H, L, M, O, P, Q, T, V, X, Y, Z	
&C, &D, &F, &M, &S, &T, &V, &W, &Y, &Z	
Extended AT Commands	
\C, \G, \N, \Q, \V, \X	
%A, %C, %D, %Q	
S-Registers	
S0, S1, S2, S3, S4, S5, S6, S7, S8, S9, S10, S12, S18, S25, S26, S38	
Note: See MHI documentation for complete information.	

## Proprietary AT Command Set

AUTO-FALL FORWARD/FALLBACK	
<b>Type:</b>	Configuration
<b>Format:</b>	AT [cmds] &An [cmds]
<b>Description:</b>	Selects whether the modem will automatically fall forward or back in response to line conditions.
Command	Function
&A0	Auto-fall forward/fallback disabled.
&A1	Auto-fall forward/fallback enabled.

DISPLAY INFORMATION	
<b>Type:</b>	Immediate
<b>Format:</b>	AT [cmds] In [cmds]
<b>Description:</b>	Displays information requested about the modem.
Command	Function
I0	Reports product identification code.
I1	Reports ROM checksum.
I2	Tests and reports ROM checksum.
I3	Reports firmware revision and model ID.
I4	Reports configuration ID.

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LOCAL SERIAL PORT SPEED	
<b>Type:</b>	Configuration
<b>Format:</b>	AT [cmds] \Tn [cmds]
<b>Description:</b>	Sets the speed of the local serial port.
Command	Function
\T0	Auto-detect serial port speed.
\T1	Use speed of last command.
\T2	Set speed to 300bps.
\T3	Set speed to 1200bps.
\T4	Set speed to 2400bps.
\T5	Set speed to 4800bps.
\T6	Set speed to 7200bps.
\T7	Set speed to 9600bps.
\T8	Set speed to 12Kbps.
\T9	Set speed to 14.4Kbps.
\T10	Set speed to 16.8Kbps.
\T11	Set speed to 19.2Kbps.
\T12	Set speed to 21.6Kbps.
\T13	Set speed to 24Kbps.
\T14	Set speed to 26.4Kbps.
\T15	Set speed to 28.8Kbps.
\T16	Set speed to 38.4Kbps.
\T17	Set speed to 57.6Kbps.
\T18	Set speed to 76.8Kbps.
\T19	Set speed to 115.2Kbps.
\T20	Set speed to 128Kbps.

PROTOCOL	
<b>Type:</b>	Configuration
<b>Format:</b>	AT [cmds] &Hn [cmds]
<b>Description:</b>	Selects the modulation protocol that the modem will use.
Command	Function
&H0	Use V.34 with fallback to lower protocols.
&H1	Use V.34 only.
&H2	Use V.32bis with fallback to lower protocols.
&H3	Use V.32bis only.
&H4	Use V.32 with fallback to lower protocols.
&H5	Use V.32 only.
&H6	Use V.22bis only.
&H7	Use V.22 only.
&H8	Use Bell 212A only.
&H9	Use Bell 103A only.
&H10	Use V.21 only.

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TRELLIS CODING	
<b>Type:</b>	Configuration
<b>Format:</b>	AT [cmds] &Un [cmds]
<b>Description:</b>	Selects whether the modem will use trellis coding.
Command	Function
í &U0	Trellis coding enabled.
&U1	Trellis coding disabled.