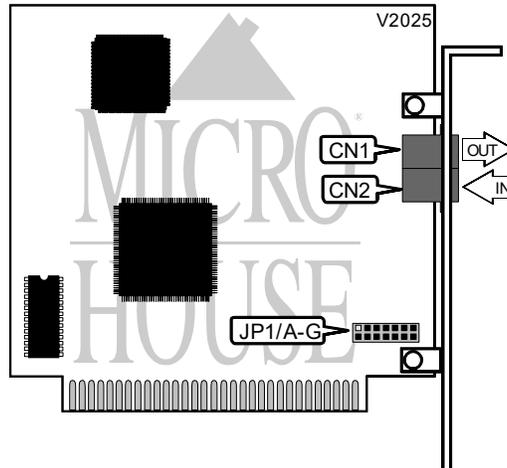


SIIG, INC.

DASH 14.4I FAX/MODEM INTERNAL

Card Type	Fax, Modem (asynchronous)
Chip Set	Unidentified
Maximum Data Rate	14.4Kbps
Maximum Fax Rate	14.4Kbps
Data Bus	8-bit ISA
Fax Class	Class I
Data Modulation Protocol	Bell 103/212A
Fax Modulation Protocol	ITU-T V.21, V.22, V.22bis, V.23, V.32, V.32bis
Error Correction/Compression	ITU-T V.17, V.21CH2, V.27ter, V.29 MNP5, V.42, V.42bis



CONNECTIONS			
Function	Label	Function	Label
Phone line out	CN1	Phone line in	CN2

SERIAL PORT ADDRESS				
Setting	JP1/D	JP1/E	JP1/F	JP1/G
COM1 (3F8h)	Closed	Open	Closed	Open
COM2 (2F8h)	Open	Closed	Closed	Open
COM3 (3E8h)	Closed	Open	Open	Closed
COM4 (2E8h)	Open	Closed	Open	Closed

INTERRUPT SELECTION			
Setting	JP1/A	JP1/B	JP1/C
3	Closed	Open	Open
4	Open	Closed	Open
5	Open	Open	Closed

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Proprietary AT Command Set

AUTO-RETRAIN - AUTO-FALLBACK/FALL-FORWARD	
Type:	Configuration
Format:	AT [cmds] %En [cmds]
Description:	Controls auto-retrain mode and fallback/fall-forward
Command	Function
i %E0	Auto-retrain disabled
%E1	Auto-retrain enabled
%E2	Auto-fallback/fall-forward enabled

BIT MAPPED REGISTERS		
Register		Default
S14		138
S16		0
S21		0
S22		117
S23		55
S27		73
S28		0
S31		2
S40		105
S41		3

BREAK TYPE	
Type:	Configuration
Format:	AT [cmds] \Kn [cmds]
Description:	Configures action of break signal
Command	Function
\K0	Online command mode enabled, send no break to remote modem
\K1	Break sent to remote modem and buffers cleared
\K2	Online command mode enabled, send no break to remote modem
\K3	Send break to remote modem immediately
\K4	Online command mode enabled, send no break to remote modem
\K5	Send break with transmitted data

CONNECT MODE	
Type:	Configuration
Format:	AT [cmds] \Nn [cmds]
Description:	Controls the type of connection the modem will operate in
Command	Function
\N0	Normal mode enabled
\N1	Direct mode enabled

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DASH 14.4I FAX/MODEM INTERNAL

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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.
Modifier	Function
L	Re-dial last number
P	Pulse dialing enabled
R	Accepted but not acted upon
S=n	Dial stored telephone number <i>n</i> (<i>n</i> =0-3)
T	Tone dialing enabled
W	Dialing resumed following dial tone detection
!	Modem commanded to go off-hook for specified time before returning on-hook.
@	Wait 5 seconds for quiet answer
&	Waits for prompt tone
,	Dialing paused for amount of time specified in S8 register
;	Modem returned to command state after dialing
^	Toggles Calling tone enabled/disabled, for current call

FLASH DIAL MODIFIER TIME	
Type:	Register
Format:	AT [cmds] S29= <i>n</i> [cmds]
Default:	0
Range:	0-255
Unit:	.01 second
Description:	Time the modem will go on-hook upon receiving the ! dial modifier in dial string.

FLOW CONTROL	
Type:	Configuration
Format:	AT [cmds] \G <i>n</i> [cmds]
Description:	Selects modem port flow control
Command	Function
í \G0	Flow control disabled
\G1	Flow control enabled

FLOW CONTROL	
Type:	Register
Format:	AT [cmds] S39? [cmds]
Description:	Displays the current flow control
Value	Meaning
0	Flow control disabled
í 3	RTS/CTS flow control enabled
4	XON/XOFF flow control enabled
5	Transparent XON/XOFF flow control enabled
6	Both RTS/CTS and XON/XOFF flow control enabled

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DASH 14.4I FAX/MODEM INTERNAL

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FLOW CONTROL CHARACTER - XOFF	
Type:	Register
Format:	AT [cmds] S33= <i>n</i> [cmds]
Default:	19
Range:	0-255
Unit:	ASCII
Description:	Sets the character used to represent XOFF

FLOW CONTROL CHARACTER - XON	
Type:	Register
Format:	AT [cmds] S32= <i>n</i> [cmds]
Default:	17
Range:	0-255
Unit:	ASCII
Description:	Sets the character used to represent XON

INACTIVITY TIMER	
Type:	Register
Format:	AT [cmds] S30= <i>n</i> [cmds]
Default:	0
Range:	0-255
Unit:	10 seconds
Description:	Maximum duration of DTE and DCE inactivity allowed prior to initiating hang-up process. S30=0 will disable timer.

LINE SIGNAL LEVEL	
Type:	Immediate
Format:	AT [cmds] %L [cmds]
Description:	Returns a value which indicates the received line signal level

LINE SIGNAL QUALITY	
Type:	Immediate
Format:	AT [cmds] %Q [cmds]
Description:	Returns a value which indicates line signal quality

REPORT INFORMATION	
Type:	Immediate
Format:	AT [cmds] I <i>n</i> [cmds]
Description:	Displays information requested
Command	Function
I0	Reports product code
I1	Reports precomputed checksum
I2	Reports 'OK'
I3	Reports firmware revision
I4	Reports OEM defined identifier string
I5	Reports country code
I6	Reports data pump model and internal code revision

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RPI/DTE SPEED	
Type:	Configuration
Format:	AT [cmds] +Hn [cmds]
Description:	Controls Rockwell Protocol Interface processing and DTE speed
Command	Function
+H0	RPI disabled
+H1	RPI enabled and set DTE speed to 19.2Kbps
+H2	RPI enabled and set DTE speed to 38.4Kbps
+H3	RPI enabled and set DTE speed to 57.6Kbps

SLEEP TIMER	
Type:	Register
Format:	AT [cmds] S24=n [cmds]
Default:	0
Range:	0-255
Unit:	1 second
Description:	Maximum duration of DTE and DCE inactivity allowed prior to initiating low-power sleep mode. S24=0 will disable timer.

TRANSMISSION LEVEL - FAX	
Type:	Register
Format:	AT [cmds] S92=n [cmds]
Default:	10
Range:	0-15
Unit:	-1 dBm
Description:	Sets the signal level for transmission while in fax mode

TRANSMISSION LEVEL - PSTN	
Type:	Register or Configuration
Format:	AT [cmds] S91=n [cmds]
Default:	10
Range:	10-15
Unit:	-1 dBm
Description:	Sets the signal level for transmission over switched phone lines