

UNIQUE HARDWARE CO., LTD.

DART 134F

Card Type	Modem (synchronous/asynchronous)
Chipset	Rockwell
Maximum Data Rate	28.8Kbps
Maximum Fax Rate	14.4Kbps
Data Modulation	Bell 103A, 212A ITU-T V.21, V.22, V.22bis, V.32, V.32bis, V.34 Rockwell V.FC
Fax Modulation	ITU-T V.17, V.21CH2, V.27ter, V.29
Error Correction/Compression	MNP5, V.42, V.42bis
Fax Class	Class I & II
Data Bus	8-bit ISA
Card Size	Unidentified

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SERIAL PORT ADDRESS SELECTION				
Setting	SW1/1	SW1/2	SW1/3	SW1/4
3F8h (COM1:)	Off	On	On	Off
2F8h (COM2:)	Off	On	Off	On
3E8h (COM3:)	On	Off	On	Off
2E8h (COM4:)	On	Off	Off	On

INTERRUPT SELECTION				
Setting	SW1/5	SW1/6	SW1/7	SW1/8
3	On	Off	Off	Off
4	Off	On	Off	Off
5	Off	Off	On	Off
7	Off	Off	Off	On

MISCELLANEOUS TECHNICAL NOTES
Diagram not available.

SUPPORTED STANDARD COMMANDS
Basic AT Commands
+++ , 'comma' , A/
A, B, E, H, L, M, N, O, P, Q, T, V, W, X, Y, Z
&C, &D, &F, &G, &K, &L, &M, &P, &Q, &R, &S, &T, &V, &W, &X, &Y, &Z
Extended AT Commands
\A, \B, \G, \K, \L, \N
%C, %E, %L, %Q
Special AT Commands
+MS
S-Registers
S0, S1, S2, S3, S4, S5, S6, S7, S8, S9, S10, S11, S12, S14, S16, S18, S21, S22, S23, S25, S26
S27, S28, S29, S30, S31, S32, S33, S36, S38, S40, S41, S46, S48, S82, S86, S95
Note: See MHI help file for complete information.

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Proprietary AT Command Set

DIAL	
Type:	Immediate
Format:	AT [cmds] D<#>:[cmds]
Description:	Dials the telephone number indicated according to any modifiers included in the string.
Command	Function
DJ	MNP10 link will be negotiated at highest possible speed for this call.
DL	Re-dial last number.
DP	Pulse dialing enabled.
DS= <i>n</i>	Dial stored telephone number <i>n</i> .
DT	Tone dialing enabled.
DW	Dialing resumed following dial tone detection.
D,	Dialing paused for amount of time specified in S8 register.
D!	Flash function initiated. Modem commanded to go off-hook for specified time before returning on-hook.
D@	Wait for Quiet Answer function enabled. Modem waits until a "quiet answer," a ring-back signal followed by silence up to the time specified in S7, is received prior to executing the rest of the dial string.
D^	Calling tone enabled for this call.
D;	Modem returned to idle state after dialing. The semicolon can only be placed at the end of the dial command.

DISPLAY INFORMATION	
Type:	Immediate
Format:	AT [cmds] I <i>n</i> [cmds]
Description:	Displays information requested about the modem.
Command	Function
I0	Displays product identification code.
I1	Displays ROM checksum.
I2	Tests and displays ROM checksum result.
I3	Displays firmware revision.
I4	Displays chipset model.
I5	Displays country code.
I6	Displays product name.

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DISTINCTIVE RING - HOMEFAX	
Type:	Configuration
Format:	AT [cmds] &In [cmds]
Description:	Selects which of the Hong Kong system Homefax II distinctive ring signals the modem will respond to.
Command	Function
i &I0	Modem will respond to any ring signal.
&I1	Modem will only respond to Homefax II duplex type B ring signal.

FLOW CONTROL	
Type:	Register
Format:	AT [cmds] S39=n [cmds]
Description:	Selects the type of flow control the modem will use.
Command	Function
S39=0	Flow control disabled.
i S39=3	RTS/CTS flow control enabled.
S39=4	XON/XOFF flow control enabled.
S39=5	Transparent XON/XOFF flow control enabled.
S39=6	Both RTS/CTS and XON/XOFF flow control enabled.

LINE SPEED	
Type:	Register
Format:	AT [cmds] S37=n [cmds]
Description:	Sets the maximum allowable data exchange rate attempted during the handshaking process.
Command	Function
i S37=0	Attempt to connect at fastest common speed.
S37=1	Set speed to 300bps.
S37=2	Set speed to 300bps.
S37=3	Set speed to 300bps.
S37=5	Set speed to 1200bps.
S37=6	Set speed to 2400bps.
S37=7	Attempt to connect with V.23.
S37=8	Set speed to 4800bps.
S37=9	Set speed to 9600bps.
S37=10	Set speed to 12Kbps.
S37=11	Set speed to 14.4Kbps.
S37=12	Set speed to 7200bps.

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PROTOCOL/SPEED	
Type:	Configuration
Format:	AT [cmds] Fn [cmds]
Description:	Selects the protocol and speed the modem will attempt to connect at.
Command	Function
F0	Auto-detect the highest common connect speed.
F1	Select V.21 or Bell 103 at 300bps speed.
F4	Select V.22 or Bell 212A at 1200bps speed.
F5	Select V.22bis at 2400bps speed.
F6	Select V.32 or V.32bis at 4800bps speed.
F7	Select V.32bis at 7200bps speed.
F8	Select V.32bis or V.32 at 9600bps speed.
F9	Select V.32bis at 12Kbps speed.
F10	Select V.32bis at 14.4Kbps speed.