

RTA-16H(1) 2P
16 BIT PRINTER CARD 2 PORTS (2xEPP)
USER'S MANUAL

(I) FEATURES:

- * TWO ENHANCED PARALLEL PRINTER PORTS (SPP, BIDI, EPP).
- * IT SUPPORT LPT1 TO LPT10 AND CONTROLLED BY HARDWARE.
- * IT CAN BE SELECTED ITS OWN INTERRUPT (IRQ3,4,5,7,9,10,11,12,15)
- * PARALLEL MODE : STANDARD PRINTER MODE, PS/2 BI-DIRECTIONAL AND ENHANCED PARALLEL MODE (EPP).
- * ENHANCED MODE SELECT BY HARDWARE (386 UP).

(II) HARDWARE DESCRIPTION

1) 1ST PORT (P2): CONTROL JUMPER JP4, JP5, JP6, P2-IRQ
 JP4-6 : PRINTER PORT ADDRESS SELECT.
 P2-IRQ : PRINTER PORT INTERRUPT SELECT.
 JEP1 : 1&2 FOR EPP MODE, 2&3 FOR SPP&BIDI MODE.

2) 2ND PORT (P3): CONTROL JUMPER JP4, JP5, JP6, P3-IRQ
 JP4-6 : PRINTER PORT ADDRESS SELECT.
 P3-IRQ : PRINTER PORT INTERRUPT SELECT.
 JEP2 : 1&2 FOR EPP MODE, 2&3 FOR SPP&BIDI MODE.

3) PORT ADDRESS AND MODE DESCRIPTION :

LPT1 : \$3BC (SPP, BIDI)	LPT6 : \$76C (SPP, BIDI)
LPT2 : \$378 (SPP, BIDI, EPP)	LPT7 : \$7AC (SPP, BIDI)
LPT3 : \$278 (SPP, BIDI, EPP)	LPT8 : \$3AC (SPP, BIDI)
LPT4 : \$268 (SPP, BIDI, EPP)	LPT9 : \$23C (SPP, BIDI)
LPT5 : \$73C (SPP, BIDI)	LPT10: \$22C (SPP, BIDI)

4) ADDRESS JUMPER (NOTE: O -- OPEN, S -- SHORT)

JP4	JP5	JP6	DESCRIPTION			
			P2 (ADD.)	P3 (ADD.)	FUNCTION (TOP)	
S	S	S	&H378	&H278	P2(E)	P3(E)
O	S	S	&H3BC	&H278	P2(B)	P3(E)
S	O	S	&H3BC	&H378	P2(B)	P3(E)
O	O	S	&H268	&H278	P2(E)	P3(E)
S	S	O	&H268	&H22C	P2(E)	P3(B)
O	S	O	&H73C	&H76C	P2(B)	P3(B)
S	O	O	&H3AC	&H7AC	P2(B)	P3(B)
O	O	O	&H3AC	&H23C	P2(B)	P3(B)